

CITY OF DORAL



Invitation to Bid

ITB No. 2021-19

NW 82nd Street and NW 114th Avenue
Traffic Signal Improvements

Financial Project Number(s): 447310-1-54-01



City of Doral

Invitation to Bid

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ITB No. 2021-19

FM No. 447310-1-54-01

NOTICE: Pursuant to Article V of the City's Code of Ordinance, sealed bids for consideration to provide the services detailed in the scope of services listed below, shall be received until **10:00 am on October 15th, 2021**. The submittals shall be clearly marked **"ITB No. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements"**.

All submittals shall be publicly opened and recorded on **October 15th, 2021, at 10:00 A.M.** Late submittals shall **not** be accepted or considered. A **mandatory** virtual pre-bid conference shall be held on **September 28th, 2021, at 10:00 a.m.** via GoToMeeting.

Bids must be submitted electronically through **DemandStar** or **Vendor Registry** by the date and time stated above. Submittals must include statements of qualifications and experience and other pertinent information for consideration, as indicated in this Invitation to Bid. Any bids received after the due date and time specified, will not be considered. See attached instructions for further details on E-Bidding.

Solicitations may be found via the City of Doral website (www.cityofdoral.com) under Procurement, via [Vendor Registry](#) and via [DemandStar](#), central notification systems which provide bid notification services to interested vendors. To obtain the solicitation, interested parties must follow the link and register to be able to download the document.

The City of Doral reserves the right to accept any bid deemed to be in the best interest of the City or to waive any informality in any proposal. The City may reject any or all bids and re-advertise.

PROJECT OVERVIEW

The City of Doral desires to retain the services of a qualified General Contractor to construct a new traffic signal at the intersection of NW 82 Street and NW 114 Avenue, within the City of Doral, to include Maintenance of Traffic, clearing and grubbing, installation of mast arms, traffic signals, and roadway signing, and pavement markings as shown on the plans titled “**Plans for Proposed Signalization at NW 82nd Street and NW 114th Avenue / NW 112th Court**”. Through the Invitation to Bid (ITB) process described herein, qualified Contractors interested in assisting the City with the provision of such services must prepare and submit a bid packet in accordance with the procedure and schedule of this ITB. The City will review submittals only from those contractors that submit an ITB packet which includes all the information required as described herein.

The City intends to award a contract for the construction of new traffic signals at the intersection of NW 82 Street and NW 112 Avenue to the contractor that: possesses qualified manpower, equipment, administrative capabilities to provide the proposed services, possesses previous experience on this type of work, and provides the best offer and prices deemed to be in the greatest benefit to the City.

It is the intent of the City to award a contract for a period of **one hundred and eighty (180) calendar days** for final completion of project.

A copy of the complete bid package may be obtained from the City of Doral website, www.cityofdoral.com, by clicking on the Procurement Division link under City Departments. Select the “Bid Solicitations” link.

All questions or comments should be directed to the following email: procurement@cityofdoral.com. Inquiries must reference “**ITB No. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements**” in the subject line. No phone calls will be accepted in reference to this ITB. Any communications regarding matters of clarification must be made in writing to the email address listed above. In the event that it become necessary to provide additional clarifying data or information that revises any part of this ITB, supplements or revisions will be made available via written addendum.

The City of Doral reserves the right to accept any bid deemed to be in the best interest of the City or to waive any informality in any bid. The City may reject any or all bids and re-advertise.

SCHEDULE OF EVENTS

Anticipated Advertisement Date: 5:00 PM, September 15th, 2021

Mandatory Pre-bid Conference: 10:00 AM, September 28th, 2021
From your computer, tablet, or smartphone
<https://global.gotomeeting.com/join/504301061>
You can also dial in using your phone
United States: +1 (872) 240-3212
Access Code: 504-301-061

Deadline for Written Questions: 5:00 PM, October 5th, 2021

Deadline for Submittal & Bid Opening: 10:00 AM, October 15th, 2021
From your computer, tablet or smartphone
<https://global.gotomeeting.com/join/260587485>
You can also dial in using your phone
United States: +1 (408) 650-3123
Access Code: 260-587-485

Notification of Award (by the City Council): November 10th, 2021

Contract for Execution by Contractor: TBA

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SECTION 00200 - INSTRUCTIONS TO BIDDERS

IT IS THE RESPONSIBILITY OF THE BIDDER TO ENSURE THAT THE BID REACHES THE OFFICE OF THE CITY MANAGER ON OR BEFORE THE CLOSING HOUR AND DATE STATED ON THE INVITATION TO BID FORM.

1.1 Taxes: Bidder shall include all applicable taxes in the Bid.

1.2 Purpose of Bid: The City of Doral intends to secure a source of services/supply (s) at the lowest responsive and responsible price. The City reserves the right to award the Bid considered the best to serve the City's interests.

1.3 Questions: Any questions regarding this ITB should be directed in writing to the Procurement Division via email at: procurement@cityofdoral.com. All inquiries must have in the subject line the following: **ITB No. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements.**

Bidders requiring clarification or interpretation of the ITB must submit them via e-mail on or before **5:00 PM, October 5th, 2021**. The person or firm submitting the request shall be responsible for its timely delivery. Written responses will be compiled and shall be issued only in addendum format and distributed to all potential Proposers listed on the official BIDDER's list as having received the bidding documents. In addition, inquiries and responses may also be posted on the City of Doral website and Demandstar. Only questions answered by written addenda shall be binding. Oral interpretations or clarifications shall be without legal effect. No plea of ignorance or delay or required need of additional information shall exempt a BIDDER from submitting their Bid on the required date and time as publicly noted.

1.4 BIDDER warrants that the prices, terms, and conditions quoted in the Bid will be firm for a period of 120 days from the date of the Bid opening unless otherwise stated in the Bid Form. Incomplete, unresponsive, irresponsible, vague, or ambiguous responses to the invitations to Bid will be cause for rejection, as determined by the City.

1.5 Pursuant to the provisions of paragraph (2) (a) of section 287.133, Florida Statutes - "a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a contract to provide any goods or services to a public entity, may not submit a Bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity,

may not be awarded to perform work as a contractor, supplier, subcontractor, or contractor under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in section 287.107, for category two for a period of 36 months from the date of being placed on the convicted vendor list".

2.1 Submission of Bids

2.1.1 BIDDER's shall use the Bid Form(s) furnished by the City. Failure to do so may cause the Bid to be rejected. Removal of any of the Bid forms will invalidate the Bid. BIDDER shall deliver to the City, as Bid package:

1. This entire Bid document, with all sections executed.
2. A copy of all issued addenda.
3. One (1) Original and three (3) duplicates in three-ring binders, 2 CD Copies of the response and Bid Form completely executed and properly labeled.
4. Bid Security, (Bid Bond from Surety Company) attached to the front inside cover of the Bid document.
5. Certificates of Competencies.
6. Certificate of Insurance and or Letter of Insurability

The entire Bid Package shall be placed in a sealed opaque envelope, box, or container and clearly marked with the BIDDER's name and address.

2.1.2 Bids having an erasure or corrections must be initialed by the BIDDER in ink. Bids shall be signed in ink; all quotations shall be typewritten or printed and filled in with ink.

2.1.3 Guaranties: no guarantee or warranty is given or implied by the City as to the total amount that may or may not be purchased from any resulting Contract or Award. These quantities are for bidding purposes only and will be used for tabulation and presentation of the Bid. The City reserves the right to reasonably increase or decrease quantities as required. The prices offered herein, and the percentage rate of discount applies to other

representative items not listed in this Bid.

2.2 Delivery: all items shall be delivered f.o.b. destination (i.e. at a specific City of Doral address), and delivery costs and charges (if any) will be included in the Bid Price. Exceptions shall be noted.

2.3 Mistake: if there is a discrepancy in the unit and extended prices, the unit prices(s) will prevail and the extensions adjusted to coincide. Bidders are responsible for checking their calculations. Failure to do so will be at the Bidder's risk, and errors will not release the BIDDER from their responsibility as noted herein.

3.1 Brand Names: if a brand name, make, of any "or equal" manufacturer trade name, or vendor catalog is mentioned whether or not followed by the words "approved equal" it is for the purpose of establishing a grade or quality of material only. Bidder may offer equals with appropriate identification, samples, and/or specifications on such item(s). The City shall be the sole judge concerning the merits of items Bid as equals.

3.2 Material: material(s) delivered to the City under this bid shall remain the property of the seller until accepted to the satisfaction of the City. In the event materials supplied to City are found to be defective or do not conform to specifications, the City reserves the right to return the product (s) to the seller at the sellers' expense.

3.3 Pricing: prices should be stated in units of quantity specified in the Bid Form. In case of a discrepancy, the City reserves the right to make the final determination at the lowest net cost to the City.

3.4 Safety Standards: the BIDDER warrants that the product(s) supplied to the City conforms in all respects to the standards set forth in the Occupational Safety and Health Act (OSHA) and its amendments. Bids must be accompanied by a materials data safety sheet (M.S.D.S.) when applicable.

3.5 Payments: payment will be made after commodities/services have been received, accepted, and properly invoiced as indicated in the contract and/or purchase order. Invoices must bear the purchase order number.

4.1 Liability, Insurance, Licenses & Permits: where BIDDER's are required to enter onto City of Doral property to deliver materials or to perform work or services as a result of a Bid award, the BIDDER will assume the full duty, obligation, and expense of obtaining all necessary licenses, permits, inspections, and insurance required. The BIDDER shall be liable for any damages or loss to the City occasioned by

negligence of the BIDDER (or their agent) or any person the BIDDER has designated in the completion of their contract as a result of the Bid. Contractor shall be required to furnish a certified copy of all licenses, certificates of competency or other licenser requirements necessary to practice their profession as required by Florida State Statute, Florida Building Code, Miami-Dade County, or City of Doral Code. Contractors shall include current Miami-Dade County Certificates of Competency. These documents shall be furnished to the City along with the Bid response. Failure to furnish these documents or to have required licenser will be grounds for rejecting the Bid and forfeiture of the Bid Bond.

4.2 BIDDER shall furnish to the Finance Director, City of Doral, 8401 NW 53rd Terrace Doral, Florida 33166, certificate(s) of insurance which indicate that insurance coverage has been obtained from an insurance company authorized to do business in the State of Florida or otherwise secured in a manner satisfactory to the City, for those coverage types and amounts listed in Exhibit A - Insurance Requirements. At the time of Bid submission the BIDDER must submit certificates of insurance.

5.1 All insurance shall be issued by companies rated A- : Class V or better per A.M. Best's Key Rating Guide, latest edition and authorized to issue insurance in the State of Florida. It shall be the responsibility of the BIDDER and insurer to notify the finance support services director of the City of Doral of cancellation, lapse, or material modification of any insurance policies insuring the BIDDER, which relate to the activities of such vendor and the City of Doral. Such notification shall be in writing and shall be submitted to the City Finance Director thirty (30) days prior to cancellation of such policies. This requirement shall be reflected on the certificate of insurance.

5.2 Failure to fully and satisfactorily comply with the City's insurance and bonding requirements set forth herein will result in the Rejection of the Bid by the City. The BIDDER hereby holds the City of Doral harmless and agrees to indemnify the City of Doral and covenants not to sue the City of Doral by virtue of such rejection.

5.3 Copy rights and/or Patent Rights: BIDDER warrants that there has been no violation of copyrights or patent rights in manufacturing, producing, or selling of goods shipped or ordered, as a result of this Bid. The bidder agrees to indemnify City from any and all liability, loss, or expense occasioned by any such violation.

6.1 Warranty/Guaranty: successful BIDDER shall take all necessary steps and complete all forms for Warranty / Guarantee coverage under this Contract.

BIDDER warrants by signature on the Bid Form that prices quoted here are in conformity with the latest Federal Price Guidelines.

6.2 Samples: samples of items, when required, must be furnished by the BIDDER free of charge to the City. Each individual sample must be labeled with the BIDDER's name and manufacturer's brand name and delivered by them within ten (10) calendar days of the Bid opening unless schedule indicates a different time. If samples are requested subsequent to the Bid opening, they should be delivered within ten (10) calendar days of the request. The City will not be responsible for returning samples.

6.3 Governmental Restrictions: in the event any governmental restrictions may be imposed which would necessitate alteration of the material quality, workmanship, or performance of the items offered on this Bid prior to their delivery, it shall be the responsibility of the successful BIDDER to notify the City at once, indicating in their letter the specific regulation which required an alteration. The City of Doral reserves the right to accept any such alteration, including any price adjustments occasioned thereby, or to cancel at no further expense to the City.

6.4 Assignment: the BIDDER shall not transfer or assign the performance required by this Bid without prior written consent of the City Manager. Any award issued pursuant to the Invitation to Bid and monies which may be due hereunder are not assignable except with prior written approval of the City Manager. Further, in the event that the majority ownership or control of the BIDDER changes hands subsequent to the award of this contract, BIDDER shall promptly notify CITY in writing of such change in ownership or control at least thirty (30) days prior to such change and CITY shall have the right to terminate the contract upon sixty (60) days written notice, at CITY's sole discretion.

6.5 Award of Bids: The City of Doral reserves the right to accept or reject any and / or all bids or parts of bids, to waive any informality, irregularities, or technicalities, to re-advertise for bids, or take any other actions that may be deemed to be in the best interests of the City. The City also reserves the right to award the Contract on a split order basis, group by group, or item by item, or such combination as will best serve the interests of the City, unless otherwise stated. The City also reserves the right to waive minor variations to the specifications (interpretation of such to be made by the applicable department personnel). Final determination and award of Bid(s) shall be made by the City Council. In addition, each bidder agrees to waive any claim it has or may have against the CITY, the Successful Bidder, and the respective employees, arising out of or in connection with the administration,

evaluation, or recommendation of any bid.

6.6 Discrepancies: in case of discrepancies, computed dimensions shall govern over scaled dimensions; supplemental specifications shall govern over standard specifications; and special specifications shall govern over drawings, supplemental and standard specifications.

7.1 Evaluation of Bids: The City, at its sole discretion, reserves the right to inspect any / all BIDDER's facilities to determine their capability of meeting the requirements for the Contract. Also, price, responsibility, and responsiveness of the BIDDER, the financial position, experience, staffing, equipment, materials, references, and past history of service to the City and / or with other units of state, and / or local governments in Florida, or comparable private entities, will be taken into consideration in the Award of the Contract.

7.2 Identical (tie bids): shall be awarded by the City in compliance with Florida State statutes providing for a drug free workplace, that is, in the event of an identical tie Bid, a preference shall be given to a business having a drug free workplace under Florida Statute Section 287.087, as amended. Failure to provide proof of compliance when requested shall be cause for rejection of the Bid as determined by the City.

7.3 Preference to Local Businesses: No local preference for this ITB.

7.4 Hold Harmless: all BIDDERS shall defend, indemnify, and hold harmless the City of Doral, its officers, agents and employees, from and against any and all demands, claims, losses, suits, liabilities, causes of action, judgment or damages, arising out of, related to, or any way connected with BIDDER's performance or non-performance of any provision of this Agreement including, but not limited to, liabilities arising from Agreements between the BIDDER and third parties made pursuant to this Agreement. BIDDER shall reimburse the City of Doral for all its expenses including reasonable attorneys' fees and costs incurred in and about the defense of any such claim or investigation and for any judgment or damages arising out of, related to, or in any way connected with BIDDER's performance or non-performance of this Agreement. This indemnification may not exceed the limits established in Section 768.25 of the Florida Statutes.

- "To the extent provided by law, Bidders shall indemnify, defend, and hold harmless the City of Doral and the State of Florida, Department of Transportation, including the Department's officers, agents, and employees, against any actions, claims, or damages arising out of, relating to, or resulting from negligent or wrongful act(s)

of Bidder or any of its officers, agents, or employees, acting within the scope of their office or employment, in connection with the rights granted to or exercised by Bidder hereunder, to the extent and within the limitations of Section 768.28, Florida Statutes.

- The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28. Nor shall the same be construed to constitute agreement by Bidder to indemnify City of Doral for the negligent acts or omissions of City of Doral, its officers, agents, or employees, or third parties. Nor shall the same be construed to constitute agreement by City of Doral to indemnify the Department for the negligent acts or omissions of the Department, its officers, agents, or employees, or third parties. This indemnification shall survive the termination of this Agreement.”

This section shall be interpreted and construed in a manner to comply with any applicable Florida Statutes, including without limitation Sections 725.06 and 725.08, Fla. Stat., if applicable.

7.5 Cancellation: failure on the part of the BIDDER to comply with the conditions, specifications, requirements, and terms as determined by the City, shall be just cause for cancellation of the Award.

7.6 Disputes: if any dispute concerning a question of fact arises under the Contract, other than termination for default or convenience, the BIDDER and the CITY department responsible for the administration of the Contract shall make a good faith effort to resolve the dispute. If the dispute cannot be resolved by agreement, then the department with the advice of the CITY Attorney shall resolve the dispute and send a written copy of its decision to the CONTRACTOR, which shall be binding on both parties.

8.1 Non-conformance to Contract: The City of Doral may withhold acceptance of, or reject items which are found upon examination, not to meet the specification requirements. Upon written notification of rejection, items shall be repaired to the City’s satisfaction within (5) calendar days by the contractor at their own expense and redelivered at their expense. Rejected goods left longer than thirty (30) calendar days will be regarded as abandoned and the City shall have the right to dispose of them as its own property. Rejection for non-conformance or failure to meet delivery schedules may result in the Contractor being found in default.

8.2 Default Provision: in case of default by the BIDDER or CONTRACTOR, the City of Doral may procure the articles or services from other sources and

hold the BIDDER or CONTRACTOR responsible for any excess costs occasioned or incurred thereby.

8.3 Indemnification: In consideration of the separate sum of twenty-five dollars (\$25.00) and other valuable consideration, the CONTRACTOR shall indemnify, defend and save harmless the CITY, its elected officers, agents, volunteers, and employees, from or on account of any injuries or damages, received or sustained by any person or persons during or on account of any operations connected with the construction of this Project, or by or in consequence of any negligence by or on account of any act or omission of the said CONTRACTOR or his Subcontractor, agents, servants or employees. The CONTRACTOR will indemnify, defend and hold harmless the CITY, its elected officers, and their agents, volunteers, or employees from and against all claims, damages, losses and expenses including attorneys’ fees arising out of or resulting from the performance of the Work, provided that any such claim damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting wherefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused by a party indemnified hereunder. In the event that a court of competent jurisdiction determines that Sec. 725.06 (2), F.S. is applicable to this Work, then in lieu of the above provisions of this section the parties agree that CONTRACTOR shall indemnify, defend and hold harmless CITY, their officers and employees, to the fullest extent authorized by Sec. 725.06 (2) F.S., which statutory provisions shall be deemed to be incorporated herein by reference as if fully set forth herein.

Additionally, the Agency agrees to include the following indemnification in all contracts with contractors/subcontractors, or consultants/subconsultants who perform work in connection with this Agreement: “To the fullest extent permitted by law, the City of Doral’s contractor shall indemnify and hold harmless the Agency, the State of Florida, Department of Transportation, and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney’s fees, to the extent caused by the negligence, recklessness or intentional wrongful misconduct of the contractor and persons employed or utilized by the contractor in the performance of this Contract.”

This indemnification shall survive the termination of this Contract. Nothing contained in this paragraph is intended to, nor shall it constitute a waiver of the State of Florida and the Agency’s

sovereign immunity.”

8.4 Secondary/Other Vendors: The City reserves the right in the event the primary bidder cannot provide an item(s) or service(s) in a timely manner as requested, to seek other sources without violating the Contract.

8.5 Specifications: All construction and materials furnished by the successful BIDDER shall conform to the Standard and Specifications of the City of Doral, Miami-Dade County Public Works Department Standards and Specifications Parts 1, 2 & 3, The Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways, The Florida Department of Transportation Roadway and Traffic Design Standards, and the Florida Department of Transportation Standards and Specifications. BIDDER shall also perform all work in a safe manner, specifically, the rules and regulations of the Occupational Safety and Health Administration (OSHA) and the Manual of Uniform Traffic Control Devices (MUTCD) shall be strictly observed.

8.6 Compliance with Orders and Laws

Successful Proposers shall comply with all local, state, and federal directives, ordinances, rules, orders, and laws as applicable to this RFP and subsequent contracting including, but not limited to:

Executive Order 11246 (which prohibits discrimination against any employee, applicant, or client because of race, creed, color, national origin, sex, or age with regard to, but not limited to, employment practices, rate of pay or other compensation methods, and training.)

Occupational, Safety and Health Act (OSHA)

The State of Florida Statutes Section 287.133(3)(A) on Public Entity Crimes

Environment Protection Agency (EPA)

Uniform Commercial Code (Florida Statutes, Chapter 672)

American with Disabilities Act of 1990, as amended.

National Institute of Occupational Safety Hazards (NIOSH)

National Forest Products Association (NFPA)

State of Florida Department of Transportation- Rule 14-90, Florida Admin. Code

U.S. Department of Transportation

City of Doral, City Ordinance No. 2004-03

Cone of Silence, Miami-Dade County Code of Ordinances

The State of Florida Statutes Sections 218.73 and 218.74 on Prompt Payment

Proposer hereby recognizes and certifies that no elected official, board member, or employee of the City shall have a financial interest directly or indirectly in this transaction or any compensation to be paid under or through this transaction, and further, that no City employee, nor any elected or appointed officer, including, but not limited to, City Advisory Board members, of the City, nor any spouse, parent or child of such employee or elected or appointed officer of the City, may be a partner, officer, director or proprietor of Proposer or Proposer, and further, that no such City employee or elected or appointed officer, or the spouse, parent or child of any of them, alone or in combination, may have a material interest in the Vendor or Proposer. Material interest means direct or indirect ownership of more than 5% of the total assets or capital stock of the Proposer. Any exception to these above-described restrictions must be expressly provided by applicable law or ordinance and be confirmed in writing by City. Further, Proposer recognizes that with respect to this transaction, if any Proposer violates or is a party to a violation of the ethics ordinances or rules of the City, the provisions of Miami- Dade County Code Section 2-11.1, as applicable to City, or the provisions of Chapter 112, part III, Fla. Stat., the Code of Ethics for Public Officers and Employees, such Proposer may be disqualified from furnishing the goods or services for which the proposal is submitted and may be further disqualified from submitting any future proposals or statements for goods or services to City. Proposer must complete and execute the Business Entity Affidavit form. The term “Proposer,” as used in this section specifically includes any person or entity making and submitting a statement to the City for the provision of goods and/or services to City.

Lack of knowledge by the Proposer will in no way be a cause for relief from responsibility. Non- compliance with all local, state, and federal directives, orders, and laws may be considered grounds for termination of contract(s).

8.7 Cone of Silence Provisions:

Notwithstanding any other provision of these specifications, the provisions of City "Cone of Silence" are applicable to this transaction. The "Cone of Silence," as used herein, means a prohibition on any communication regarding a particular Request for Proposal ("RFP"), Request for Qualification ("RFQ") or bid, between:

A potential vendor, service provider, proposer, bidder, lobbyist, or contractor, and:

The City Council, City's professional staff including, but not limited to, the City Manager and his or her staff, any member of the City's selection or evaluation committee.

The Cone of Silence shall be imposed upon each ITB, RFP, RFQ and bid after the advertisement of said ITB, RFP, RFQ, or bid.

The Cone of Silence shall terminate at the time the City Manager makes his or her written recommendation to the City Council. However, if the City Council refers the Manager's recommendation back to the Manager or staff for further review, the Cone of Silence shall be re-imposed until such time as the Manager makes a subsequent written recommendation.

The Cone of Silence shall not apply to:

- 1) oral communications at pre-bid conferences.
- 2) oral presentations before selection or evaluation committees;
- 3) public presentations made to the City Council during any duly noticed public meeting;
- 4) communication in writing at any time with any City employee, unless specifically prohibited by the applicable ITB, RFQ or bid documents. The bidder or proposer shall file a copy of any written communication with the City Clerk. The City Clerk shall make copies available to any person upon request;
- 5) communications regarding a particular ITB, RFQ or bid between a potential vendor, service provider, proposer, bidder, lobbyist or contractor and the City's Purchasing Agent or City employee designated responsible for administering the procurement process for such ITB, RFQ or bid, provided the communication is limited strictly to matters of process or procedure already contained in the corresponding solicitation document;
- 6) communications with the City Attorney and

his or her staff;

- 7) duly noticed site visits to determine the competency of bidders regarding a particular bid during the time period between the opening of bids and the time the City Manager makes his or her written recommendation;
- 8) any emergency procurement of goods or services pursuant to City Code;
- 9) responses to the City's request for clarification or additional information;
- 10) contract negotiations during any duly noticed public meeting; and
- 11) communications to enable City staff to seek and obtain industry comment or perform market research, provided all communications related thereto between a potential vendor, services provider, proposer, bidder, lobbyist, or contractor and an member of the City's professional staff including, but not limited to, the City Manager and his or her staff are in writing or are made at a duly noticed public meeting.

Contact the City Attorney for any questions concerning Cone of Silence compliance.

Violation of the Cone of Silence by a particular bidder or proposer shall render any ITB award or RFQ award to said bidder or proposer voidable by the City Council and/or City Manager.

9.1 Bonding Requirements: The BIDDER, in submitting this Bid, must include a 5% Bid Bond for the amount of the base Bid. Such bond shall be from a **Surety Company** in the amount of 5% of the total amount of the base Bid. A company, cashier or personal check **shall not** be deemed a valid Bid Security.

9.1.1 Performance and Payment Bond: The City of Doral shall require the successful BIDDER to furnish a Performance Bond and Payment bond, each, in the amount of 100% of the total Bid Price, with the City of Doral as the Obligee, as security for the faithful performance of the Contract and for the payment of all persons performing labor or furnishing materials in connection herewith. The bonds shall be with a surety company authorized to do business in the State of Florida.

9.1.2 Bid Guaranty: The successful BIDDER shall execute the Contract (Agreement) and

provide the required Performance Bond, Payment Bond, and Certificates of Insurance within ten (10) calendar days of notification of the award by the City.

The BIDDER who has the Contract awarded to them and who fails to execute the Contract, furnish the Performance and Payment Bonds, and/or Insurance Certificates within the specified time shall forfeit the Bid Security that accompanied their Bid, and the Bid Security shall be retained as liquidated damages by the City, and it is agreed that this sum is a fair estimate of the amount of damages the City will sustain in case the BIDDER fails to enter into the Contract and furnish the Bonds as herein before provided. Bid Security deposited in the form of a cashier's check drawn on a local bank in good standing shall be subject to the same requirements as a Bid Bond.

9.2 Contract Time and Contract Time Extensions:

The time of completion of the work to be performed under this contract is the essence of the contract. Delays and extensions of time may be allowed only in accordance with the provisions stated in the appropriate section of the general conditions.

It is the intent of the City to award a contract for a period of **one hundred and eighty (180) calendar days** for final completion.

If applicable, the time allowed for the completion of the work shall be stated in each work order.

10.1 Conflicts of Interest: The award of any contract hereunder is subject to the provisions of Chapter 112, Florida State Statutes. BIDDER's must disclose with their Bids, the name of any officer, director, partner, associate or agent who is also an officer or employee of the City of Doral or its' agencies.

10.2 Termination for Default

If the Awarded Proposer defaults in its performance under this Contract and does not cure the default within thirty (30) days after written notice of default, the City may terminate this Contract, in whole or in part, upon written notice without penalty to the City. In such event, the Awarded Proposer shall be liable for damages, including, but not limited to, the excess cost of procuring similar supplies or services: provided that if, (1) it is determined for any reason that the Awarded Proposer was not in default or (2) the Awarded Proposer's failure to perform is without his control, fault or negligence, the termination will be deemed to be a termination for the convenience of the City.

10.3 Termination for Convenience

The City Manager may terminate the Contract that may result from this RFP, in whole or in part, upon thirty (30) days prior written notice when it is in the best interests of the City. If so terminated, the City shall be liable only for payment in accordance with the payment provisions of the Contract for those services rendered prior to termination.

10.4 Anti-Trust Provision

At such times, as may serve its best interest, the City reserves the right to advertise for, receive, and award additional contracts for these herein items, and to make use of other competitively proposal (government) contracts for the purchase of these goods and/ or services as may be available.

10.5 Public Records, Audit Rights and Records Retention

The Upon award recommendation or thirty (30) days after the opening of RFP responses, whichever is earlier, any material submitted in response to this Request for Qualifications will become a "Public Record" and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes (Public Record Law). Proposers must claim the applicable exemptions to disclosure provided by law in their response to the Request for Qualifications by identifying materials to be protected and must state the reasons why exclusions from public disclosure is necessary and legal. The City reserves the right to make any final determination on the applicability of the Public Records Law. The Awarded Proposer agrees to provide access to the City, or any of their duly authorized representatives, to any books, documents, papers, and records of the Awarded Proposer which are directly pertinent to the contract, for the purposes of audit, examination, excerpts, and transcriptions. The Awarded Proposer shall maintain and retain any and all of the aforementioned records after the expiration and/or termination of the agreement, as provided by Chapter 119, Florida Statutes.

10.6 Capital Expenditures

Awarded Proposer understands that any capital expenditures that the Awarded Proposer makes, or prepares to make, in order to perform the services required by the City of Doral, is a business risk which the Awarded Proposer must assume. The City of Doral will not be obligated to reimburse amortized or unamortized capital expenditures, any other expenses, or to maintain the approved status of the Awarded Proposer. If Awarded Proposer has been unable to recoup its capital expenditures during the time it is rendering such services, it shall not have any claim upon the City of Doral.

10.7 No Partnership or Joint Venture

Nothing contained in this Contract will be deemed or construed to create a partnership or joint venture between the City of Doral and Awarded

Proposer/Proposer, or to create any other similar relationship between the parties.

11.1 The Parties agree to comply with s.20.055(5) Florida Statutes, and to incorporate in all subcontracts the obligation to comply with Florida Statutes (5). It is the duty of every state officer, employee, agency, special district, board, commission, contractor and subcontractor to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing pursuant to this section.

11.2 Hiring Preference for Procured Projects

Awarded Proposer will be required to comply with Ordinance No. 2018-24 – Procedure to Provide Preference for Doral Businesses and Residents in Public Works and Improvements Contracts.

11.3 Limitation on Use of Official Seal

Ordinance No. 2019-09, § 2, 5-8-2019 - It shall be unlawful and a violation of this section for any person, firm, corporation or other legal entity to print for the purpose of sale or distribution or circulate, manufacture, publish, use, display, or offer for sale any letters, papers, documents, or items of merchandise which simulate the official seal of the city or the stationery or a real or fictitious agency, department or instrumentality of the city without the expressed written authority of the city council or its designee. The unauthorized use shall be punishable as provided in F.S. §§ 775.082 and 775.083.

11.4 Resolution of Protested Solicitations and Awards

Ordinance No. 2008-04, Sec. 2-338 - Formal

11.4.1 Right to protest on formal solicitations. The following procedures shall be used for resolution of protested formal solicitations and awards:

A. Protest of solicitations. Any actual or prospective bidder or offeror who perceives itself aggrieved in connection with the solicitation of a contract may file a written protest with the City Clerk within five business days prior to the date set for opening of bids or receipt of proposals.

B. Protest of award. Any actual bidder or offeror who perceives itself aggrieved in connection with the recommended award of a contract may file a written protest with the city clerk. The protest shall be filed within three business days after such aggrieved person knows or should have known of the facts giving rise thereto.

11.4.2 Authority to resolve protests. The chief procurement officer, after consultation with the city attorney, shall issue a written decision within ten days after receipt of the protest. Said decision shall be sent to the city manager with a copy to the protesting party. The city manager may then either resolve the protest or reject all proposals. The decision shall be sent to the city council. Any aggrieved person may appeal the decision of the city manager to award a solicitation or bid within five days of issuance of a written decision. Upon appeal of the decision of the city manager, the decision shall be submitted to the city council for approval or disapproval thereof.

11.4.3 Stay of procurements during protests. Upon receipt of a written protest filed pursuant to the requirements of this section, the city shall not proceed further with the solicitation or with the award of the contract until the protest is resolved by the city as provided in subsection (b) of this section, unless the city manager, after consultation with the head of the using department and city attorney, makes a written determination that the solicitation process or the contract award must be continued without delay in order to protect substantial interests of the city.

11.4.4 Filing fee. Within three business days after filing the written protest, the protestor must submit to the city clerk a filing fee in the form of a money order or cashier's check, payable to the city, in an amount equal to one percent of the amount of the bid or proposed contract, or \$1,000.00, whichever is less. The filing fee shall guarantee the payment of all costs which may be adjudged against the protestor in any administrative or court proceeding. If the protest is denied, the filing fee shall be forfeited to the city in lieu of payment of costs for the administrative proceedings. If the protest is upheld by the city, the filing fee shall be refunded to the protestor.

11.4.5 Entitlement to costs. In addition to any other relief, when a protest is sustained and the protesting bidder or offeror should have been awarded the contract under the solicitation but is not, then the protesting bidder or offeror shall be entitled to the reasonable costs other than attorney's fees.

11.4.6 Compliance with filing requirements. Failure of a party to file the protest or submit the filing fee on a timely basis shall constitute a forfeiture of such party's right to file a protest pursuant to this section. The protesting party shall not be entitled to seek judicial relief without first having followed the procedures set forth in this section.

END OF SECTION

SECTION 00300

TRENCH SAFETY FORM

This form must be completed and signed by the Bidder.

Failure to complete this form may result in the bid being declared non-responsive.

Bidder acknowledges that the Florida Trench Safety Act, Section 553.60 *et seq.*, Fla. Stat. which became effective October 1, 1990, shall be in effect during the period of construction of the Project. The Bidder by signing and submitting the Bid is, in writing, assuring that it will perform any trench excavation in accordance with applicable trench safety standards. The Bidder further identifies the following separate item of cost of compliance with the applicable trench safety standards as well as the method of compliance:

Method of Compliance

Cost

Total: \$ _____

Bidder acknowledges that this cost is included in the applicable items of the Bid and in the Total Base Bid. Failure to complete the above may result in the bid being declared non-responsive.

The Bidder is, and the CITY and ENGINEER are not, responsible to review or assess Bidder's safety precautions, programs of costs, of the means, methods, techniques or technique adequacy, reasonableness of cost, sequences of procedures of any safety precaution, program or cost, including but not limited to, compliance with any and all requirements of Section 553.60 *et. seq.*, Fla. Stat. cited as the "Trench Safety Act". Bidder is, and the CITY and ENGINEER are not, responsible to determine, if any safety or safety related standards apply to the Project, including but not limited to, the "Trench Safety Act".

Witness Signature

Bidder's Signature

Printed Name

Printed Name

Date

Title

Date

SECTION 00320

HURRICANE PREPAREDNESS

HURRICANE PREPAREDNESS

- A. The CONTRACTOR shall submit a "Site Specific" Hurricane Preparedness Plan to the City and Engineer at the Pre-construction Conference. The Plan shall outline the necessary measures that the CONTRACTOR proposes to perform at no additional cost to the City in case of a hurricane watch and a hurricane warning.
- B. General:
 - 1. During such periods of time as designated by the United States Weather Bureau or local authorities as being a hurricane alert, the CONTRACTOR shall perform all precautions as necessary to safeguard the work and property, including the removal of all small equipment and materials from the site, lashing all other equipment and materials to each other and to rigid construction, and any other safety measures as may be directed by the Engineer and the City.
- C. Upon Notification of a Hurricane Watch:
 - 1. CONTRACTOR shall prepare and submit for approval a Plan of Action for the specific actions to be taken on this project.
- D. Upon Notification of a Hurricane Warning:
 - 1. CONTRACTOR shall implement the approved Plan of Action to protect the Project and the public.
 - 2. The CONTRACTOR shall backfill all open trenches, remove all construction equipment and materials from the right-of-way, remove unnecessary traffic barricades and signs, secure remaining barricades by "half burial" or "double sandbags".

END OF SECTION

SECTION 00410 - BID FORM
ITB No. 2021-19

THIS BID IS SUBMITTED TO:

City of Doral
8401 NW 53rd Terrace
Doral, Florida 33166

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with The City of Doral in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to BIDDER'S, including without limitation those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 90 days after the day of Bid opening. BIDDER agrees to sign and submit the Agreement with the Bonds and other documents required by the Bidding Requirements within ten days after the date of City's Notice of Award.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

- (a) BIDDER has examined copies of all the Bidding Documents and of the following Addenda (receipt of all which is hereby acknowledged.)

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

Addendum No. _____ Dated: _____

- (b) BIDDER has familiarized themselves with the nature and extent of the Contract Documents, Work, site, locality, and all local conditions and Law and Regulations that in any manner may affect cost, progress, performance, or furnishing of the Work.
- (c) BIDDER has carefully studied all reports and drawings of subsurface conditions and drawings of physical conditions.
- (d) BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies (in addition to or to supplement those referred to in (c) above) which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance, or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, and no additional examinations, investigations, explorations, tests, reports or similar information or data are or will be required by BIDDER for such purposes.

- (e) BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents.
- (f) BIDDER has given the City written notice of all conflicts, errors, discrepancies that it has discovered in the Contract Documents and the written resolution thereof by the City is acceptable to BIDDER.
- (g) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over the City.
4. BIDDER understands and agrees that this is a unit rate contract. **The prices submitted on the bid form are to furnish and deliver all of the Work complete in place.** The quantities provided on the form are for the purpose of Bid Evaluation and should be considered estimates only. Contractor's unit prices will not be adjusted to reflect any deviation from the provided quantities. As such the Contractor shall furnish all labor, materials, equipment, tools, supervision, safety measures, and services necessary to provide the stated units of work for the Bid Price of:

Base Bid

Item Number	Description	Unit	Qty.	Unit Price	Cost
101-1	MOBILIZATION	LS	1		
102-1	MAINTENANCE OF TRAFFIC	LS	1		
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	50		
285-709	OPTIONAL BASE, BASE GROUP 09	SY	45.6		
334-1-53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22	TN	5.02		
337-7-83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	3.76		
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	21.9		
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	0.84		

SIGNALIZATION					
630-2-12	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1063		
632-7-1	SIGNAL CABLE - NEW OR RECONSTRUCTED INTERSECTION, F&I	PI	1		
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	31		
639-1-122	ELECTRICAL POWER SEVICE, F&I, UNDERGROUND, METER PURCHASE BY CONTRACTOR	AS	1		
639-2-1	ELECTRICAL SERVICE WIRE, F&I	LF	95		
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1		
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	6		
649-21-3	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 40'	EA	1		
649-21-6	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 50'	EA	2		
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, SINGLE ARM 60'	EA	1		
650-1-14	TRAFFIC SIGNAL, F&I ALUMINUM, 3 SECTION, 1 WAY	AS	4		
650-1-18	TRAFFIC SIGNAL, F&I ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	4		
653-1-11	PEDESTRIAN SIGNAL, F&I, LED COUNT, 1 WAY	AS	8		
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, F&I CABINET EQUIPMENT	EA	1		
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, F&I ABOVE GROUND EQUIPMENT	EA	4		
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	EA	8		
670-5-140	TRAFFIC CONTROL ASSEMBLY, MODIFY	AS	1		
SIGNING AND PAVEMENT MARKINGS					
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	4		

700-1-60	SINGLE POST SIGN, REMOVE	AS	6		
700-5-21	SIGN PANEL, INSTALL UP TO 12 SF	EA	4		
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" STOP LINE AND CROSSWALK	LF	76		
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OF CHEVRON	GM	0.01		
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION LINE. 6"	GM	0.02		
711-16-201	THERMOPLASTIC, STANDARD – OTHER SURFACES, YELLOW, SOLD, 6"	GM	0.06		
TOTAL BASE BID					

NOTES:

- 635-2-11, 641-2-12, 646-1-11, 670-5-140, 649-21-3, 649-21.6, 649-21-10: INCLUDES THE COST OF PAVEMENT AND SITE RESTORATION.
- 630-2-12: INCLUDES OPEN TRENCH INSTALLATION UNDER PAVEMENT.
- 670-5-140: INCLUDES DIGI WR21-L32B-DE1-SH/TRANSPORT WR21-LTE NORTH AMERICA GSM / AT&T (700MHZ/AWS), ETHERNET, RS232, NO WI-FI ENTERPRISE SOFTWARE PACKAGE, EXTENDED TEMPERATURE, US POWER SUPPLY, ANTENNAS

EVALUATION SHALL BE BASED ON TOTAL PROJECT COST

Work to be included for all items:

Furnishing all labor, equipment, materials and any and all costs for the term of the warranty or as deemed necessary by the City, necessary to complete the work per the specifications and as required shall be included in the above bid.

NOTES TO BIDDERS:

1. Contractor shall fill the entire bid form; no spaces are to be left blank.
2. The City reserves the right to utilize any combination of the base bid, add alternates as they so desire to achieve the proper balance between the required improvements, desired improvements, and the City's available project budget.
3. The City reserves the right to request per unit/each pricing of materials listed on the bid form for clarification or to purchase additional materials.
4. Contract Time will commence on the date the Agreement is executed and continue consecutively for a period of one hundred and eighty (180) calendar days. No extension

of time will be given unless stated in writing.

PROJECT COST:

_____ Dollars
(Written Total Base Bid Price)

5. BIDDER agrees that the work will be completed as scheduled from the date stipulated in the work orders executed under the terms of this contract.

6. Communications concerning this Bid shall be addressed to:

BIDDER: _____

Address: _____

Telephone: _____

Facsimile Number: _____

Attention: _____

7. The terms used in this Bid which are defined in the General Conditions of the Contract included as part of the Contract documents have the meanings assigned to them in the General Conditions.

SUBMITTED THIS _____ DAY OF _____, 20____

SECTION 00456 - PUBLIC ENTITY CRIMES

Pursuant to the provisions of paragraph (2) (a) of Section 287.133, Florida State Statutes - "A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Bid on a Contract to provide any goods or services to a public entity, may not submit a Bid on a Contract with a public entity for the construction or repair of a public building or public Work, may not submit bids on leases of real property to a public entity, may not be awarded to perform Work as a Contractor, supplier, Subcontractor, or Contractor under a Contract with any public entity, and may not transact business with any public entity in excess of the threshold amount Category Two of Sec. 287.017, FS for thirty six months from the date of being placed on the convicted vendor list".

CONFLICTS OF INTEREST

The award of any contract hereunder is subject to the provisions of Chapter 112, Florida State Statutes. BIDDER's must disclose with their Bids, the name of any officer, director, partner, associate, or agent who is also an officer or employee of the City of Doral or its' agencies.

SECTION 00500 - CONSTRUCTION CONTRACT

This Contract (the "Contract") is dated as of the _____ day of _____ 20____ by and between the City of Doral (hereinafter called the "CITY") and _____(hereinafter called "CONTRACTOR") located at:_____.

CITY and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

ARTICLE 1 – WORK

1.1 Project/Work: CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as the following: The Project consists of ***Traffic Signal improvements at the intersection of NW 82 Street and NW 114 Avenue*** all in accordance with the construction drawings.

ARTICLE 2 – CITY’S REPRESENTATIVE, ARCHITECT AND ENGINEER

2.1 It is understood that the CITY will designate a representative for the Work. The CITY’S REPRESENTATIVE referred to in any of the Contract Documents designated herein is **Carlos Arroyo, Director of Public Works**, at City of Doral Government Center, 8401 NW 53rd Terrace Doral, Florida 33166.

2.2 The CITY’s ARCHITECT referred to in any of the Contract Documents designated herein is _____ N/A _____, _____ N/A _____.

2.3 The CITY’s ENGINEER referred to in any of the Contract Documents designated herein is **Edwin F. Mojena, P.E., H.W. Lochner**, 8750 N.W. 36th Street, Suite 360, Doral, Florida 33178.

ARTICLE 3 – TERM

3.1 Contract Times. The Work shall be substantially completed within ***One hundred and fifty (150) calendar days*** after the date specified in the Notice to Proceed ("Substantial Completion"), and completed and ready for final payment in accordance with the Contract Documents within ***One hundred and eighty (180) calendar days*** after the date specified in the Notice to Proceed ("Final Completion").

3.2 Term. This Contract shall not be effective until it is fully executed between the CITY and the CONTRACTOR. The term of the Contract shall be through the date of final payment unless terminated earlier pursuant to Section 00710 – General Conditions, Article 12, Suspension of Work and Termination.

3.3 Survival of Obligations. Any obligations by the CONTRACTOR, including but not limited to those set forth in Section 00710 – General Conditions, Article 13, Contractor’s General Warranty and Guarantee, that would or could occur after the date of expiration or termination of the Contract shall survive the termination or expiration of the Contract.

3.4 Liquidated Damages. CITY and CONTRACTOR recognize that time is of the essence in this Contract and that the CITY will suffer financial loss if the Work is not completed within the contract times specified in Section 3.1 for the Work above, plus any approved extensions thereof allowed in accordance with the General Conditions. The CONTRACTOR also recognizes the delays, expense and difficulties involved in proving the actual loss suffered by CITY if the Work is not completed on time. Accordingly,

instead of requiring any such proof, CITY and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay CITY **\$1,665.00** for each calendar day that expires after the time specified in Section 3.1 for Substantial Completion of the Work. After Final Completion, if CONTRACTOR shall neglect, refuse or fail to complete the remaining Work within the time specified in Section 3.1 for completion and readiness for final payment or any proper extension thereof granted by CITY, CONTRACTOR shall pay CITY **\$1,665.00** for each calendar day that expires after the time specified in Section 3.1 for completion and readiness for final payment.

3.5 Should the Final Completion and acceptance of Work, together with any modification or additions, be delayed beyond the time for performance set in Section 3.1 above because of lack of performance by the CONTRACTOR, it is understood and agreed that aside from any other liquidated damages, all actual additional costs or losses incurred by the CITY including, but not limited to, completion contractor services, financing, professional services, unrealized revenue, will be the responsibility of the CONTRACTOR.

3.6 Monies due to the CITY under Sections 3.4 and 3.5 shall be deducted from any monies due the CONTRACTOR, or if no money is due or the amount due is insufficient to cover the amount charged the CONTRACTOR shall be liable for said amount.

ARTICLE 4 – CONTRACT PRICE

4.1 CITY shall pay CONTRACTOR for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to this Article.

4.1.1 For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the estimated quantity of that item as indicated on the Unit Price Bid Form Section 00410. Estimated quantities are not guaranteed, and determination of actual quantities and classification are to be made by ENGINEER as provided in the Contract Documents.

4.2 The CONTRACTOR agrees that all specific cash allowances are included in the above Contract Price and have been computed in accordance with the Contract Documents.

ARTICLE 5 – PAYMENT PROCEDURES

5.1 CONTRACTOR shall submit Applications for Payment in accordance with the Section 00710 - General Conditions, Article 11, Payments to Contractor and Completion. Applications for Payment will be processed by CITY as provided in the General Conditions.

5.2 Progress Payments, Retainage. CITY shall make progress payments, deducting the amount from the Contract Price above, on the basis of CONTRACTOR'S Applications for Payment as recommended by the CITY'S REPRESENTATIVE, on or about the last day of each month during construction as provided herein. All such payments will be made in accordance with the schedule of values established in the General Conditions or, in the event there is no schedule of values, as provided in the General Conditions.

5.2.1 No progress payment shall be made until CONTRACTOR delivers to the CITY complete original partial releases of all liens and claims signed by all Subcontractors, materialmen, suppliers, and vendors, indicating amount of partial payment, on a form approved by the CITY, and an affidavit that so far as the CONTRACTOR has knowledge or information, the releases include and cover all Materials and Work for which a lien or claim could be filed for work completed to date.

5.3 The CONTRACTOR agrees that ten percent (10%) of the amount due for Work as set forth in each Application for Payment shall be retained by CITY for each Progress Payment until Final Payment, as defined in Section 00710 - General Conditions, Article 11, Payments to Contractor and Completion.

5.3.1 Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated above, but, in each case, less the aggregate of payments previously made and less such amounts as CITY'S REPRESENTATIVE shall determine, or CITY may withhold, in accordance with the General Conditions.

5.4 The payment of any Application for Payment by CITY, including the Final Request, does not constitute approval or acceptance by CITY of any item of the Work in such Request for Payment, nor shall it be construed as a waiver of any of CITY's rights hereunder or at law or in equity.

5.5 The Final Application for Payment by CONTRACTOR shall not be made until the CONTRACTOR delivers to the CITY complete original releases of all liens and claims signed by all Subcontractors, materialmen, suppliers, and vendors on a form approved by the CITY, and an affidavit that so far as the CONTRACTOR has knowledge or information, the releases include and cover all Materials and Work for which a lien or claim could be filed. The CONTRACTOR may, if any Subcontractor, materialmen, supplier or vendor refuses to furnish the required Final Waiver of Lien, furnish a bond satisfactory to CITY to defend and indemnify CITY and any other property owner, person or entity CITY may be required to indemnify against any lien or claim.

5.6 Final Payment. Upon final completion and acceptance of the Work in accordance with the General Conditions, CITY shall pay the remainder of the Contract Price and any retainage as recommended by the CITY'S REPRESENTATIVE.

ARTICLE 6 – INSURANCE/INDEMNIFICATION.

6.1 Insurance. The CONTRACTOR shall secure and maintain throughout the duration of this Contract, insurance of such type and in such amounts necessary to protect its interest and the interest of the CITY against hazards or risks of loss as specified in the General Conditions of the Contract Documents.

6.2 Indemnification. The CONTRACTOR shall indemnify, defend and hold harmless the CITY, their officials, agents, employees, and volunteers as set forth in General Conditions of the Contract Documents.

ARTICLE 7 – CONTRACTOR'S REPRESENTATIONS.

In order to induce CITY to enter into this Contract, CONTRACTOR makes the following representations:

7.1 CONTRACTOR has examined and carefully studied the Contract Documents (including the Addenda) and the other related data identified in the Bidding Documents including "technical data."

7.2 CONTRACTOR has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance or furnishing of the Work.

7.3 CONTRACTOR is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.

7.4 CONTRACTOR has made, or caused to be made, examinations, investigations, tests, or studies as necessary to determine surface and subsurface conditions at or on the site. CONTRACTOR acknowledges that CITY does not assume responsibility for the accuracy or completeness of information and data shown

or indicated in the Contract Documents with respect to underground facilities at or contiguous to the site. CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all such additional supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by CONTRACTOR and safety precautions and programs incident thereto. CONTRACTOR does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the performance and furnishing of the Work at the Contract Price, within the Contract Times and in accordance with the other terms and conditions of the Contract Documents.

7.5 The CONTRACTOR is aware of the general nature of Work to be performed by CITY and others at the site that relates to the Work as indicated in the Contract Documents.

7.6 The CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.

7.7 The CONTRACTOR has given the CITY'S REPRESENTATIVE written notice of all conflicts, errors, ambiguities or discrepancies that CONTRACTOR has discovered in the Contract Documents and the written resolution thereof by the CITY'S REPRESENTATIVE is acceptable to CONTRACTOR, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

7.8 The CONTRACTOR warrants the following:

7.8.1 Anti-Discrimination: The CONTRACTOR agrees that it will not discriminate against any employees or applicants for employment or against persons for any other benefit or service under this Contract because of race, color, religion, sex, national origin, or physical or mental handicap where the handicap does not affect the ability of an individual to perform in a position of employment, and to abide by all federal and state laws regarding non-discrimination.

7.8.2 Anti-Kickback: The CONTRACTOR warrants that no person has been employed or retained to solicit or secure this Contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, and that no employee or officer of the CITY or any other applicable federal or state agency, has any interest, financially or otherwise, in the Project. For breach or violation of this warranty, the CITY shall have the right to annul this Contract without liability or, in its discretion, to deduct from the Contract Price or consideration, the full amount of such commission, percentage, brokerage or contingent fee.

7.8.3 Licensing and Permits: The CONTRACTOR warrants that it shall have, prior to commencement of work under this Contract and at all times during said work, all required licenses and permits whether federal, state, County or City.

7.8.4 Public Entity Crime Statement: The CONTRACTOR warrants that it has not been place on the convicted vendor list following a conviction for public entity crime, as specified in Section 00456, of the Instructions to Bidders.

ARTICLE 8 – CONTRACT DOCUMENTS.

8.1 The Contract Documents listed below, which are listed in their order of precedence for the purpose of resolving conflicts, errors and discrepancies, by this reference shall become a part of the Contract as though physically attached as a part thereof:

8.1.1 Change Orders.

8.1.2 Field Orders.

8.1.3 Contract for Construction.

8.1.4 Exhibits to this Contract.

8.1.5 Supplementary Conditions.

8.1.6 General Conditions.

8.1.7 Any federal, state, county or city permits for the Project

8.1.8 Specifications bearing the title: (N/A)

8.1.9 Drawings consisting of a cover sheet and inclusive of all sheets bearing the following general titles: Plans for the Proposed NW 82 Street and NW 114 Avenue Traffic Signal Improvements

8.1.10 Bid Documents, including but not limited to: Addendum, Invitation to Bid, Instructions to Bidders, Bid Form provided by CONTRACTOR, Notice of Award and Notice to Proceed.

8.1.11 Addenda subject matter takes the same precedence of the respective subject matter that it is modifying. Furthermore, each subsequent addendum takes precedence over previous addenda.

8.1.12 The documents listed above shall be incorporated into this Contract (except as expressly noted otherwise above).

8.1.13 There are no Contract Documents other than those listed above in this Article. The Contract Documents may only be amended, modified or supplemented as provided in the General Conditions.

8.1.14 The Contract Documents shall remain the property of the CITY. The CONTRACTOR shall have the right to keep one record set of the Contract Documents upon completion of the Project; provided; however, that in no event shall the CONTRACTOR use, or permit to be used, any or all of such Contract Documents on other projects without the City's prior written authorization.

8.1.15 The General Conditions discuss the bond and surety requirements of the CITY. This Contract does [x], does not [] require bonds. If the Contract does not require bonds, the references to bonds in the General Conditions do not apply to this Contract.

ARTICLE 9 – MISCELLANEOUS.

9.1 Terms used in this Contract which are defined in Article 1 of the General Conditions will have the meanings indicated in the General Conditions. Terms used in Article 1 of the Instructions to Bidders also apply to this Contract.

9.2 Except as otherwise provided in the Contract Documents with respect to subcontractors, no assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party thereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

9.3 CITY and CONTRACTOR each binds itself, its partners, successors, assigns and legal representatives to the other party hereto, its partners, successors, assigns and legal representatives in respect to all covenants, agreements and obligations contained in the Contract Documents.

9.4 Severability. Should any provision, paragraph, sentence, word, or phrase contained in this Contract be determined by a court of competent jurisdiction to be invalid, illegal, or otherwise unenforceable under the laws of the State of Florida, such provision, paragraph, sentence, word, or phrase shall be deemed modified to the extent necessary in order to conform with such laws, then shall be deemed severable, and in this Contract, shall remain unmodified and in full force and effect.

9.5 Remedies. If and when any default of this Contract occurs, the CITY may avail itself of any legal or equitable remedies that may apply, including, but not limited to, actual damages and specific performance. Such remedies may be exercised in the sole discretion of the CITY. Nothing contained in this Contract shall limit the CITY from pursuing any legal or equitable remedies that may apply.

9.6 Access to Public Records. The CONTRACTOR shall comply with the applicable provisions of Chapter 119, Florida Statutes. The CITY shall have the right to immediately terminate this contract for the refusal by the Contractor to comply with Chapter 119, Florida Statutes. The Contractor shall retain all records associated with this Contract for a period of five (5) years from the date of Final Payment or Termination of this Contract.

9.7 Inspection and Audit. During the term of this Contract and for five (5) years from the date of Termination, the CONTRACTOR shall allow CITY representatives access during reasonable business hours to CONTRACTOR'S records related to this Contract for the purposes of inspection or audit of such records. If upon an audit of such records, the CITY determines the CONTRACTOR was paid for services not performed, upon receipt of written demand by the CITY, the CONTRACTOR shall remit such payments to the CITY.

9.8 Counterparts. This contract may be signed in one or more counterparts, each of which when executed shall be deemed an original and together shall constitute one and the same instrument.

9.9 Notices. Whenever any party is required to give or deliver any notice to any other party, or desires to do so, such notices shall be sent via certified mail or hand delivery to:

FOR CITY:

Hernan Organvidez, Interim City Manager
City of Doral
8401 NW 53rd Terrace
Doral, Florida 33166

WITH COPY TO:

Luis Figueredo, Esq.
City Attorney
City of Doral
8401 NW 53rd Terrace
Doral, Florida 33166

FOR CONTRACTOR:

9.10 WAIVER OF JURY TRIAL AND VENUE. The CITY and CONTRACTOR knowingly, irrevocably, voluntarily and intentionally waive any right either may have to a trial by jury in State and or Federal court proceedings in respect to any action, proceeding, lawsuit or counterclaim based upon the Contract, arising out of, under, or in connection with the Work, or any course of conduct, course of dealing, statements or actions or inactions of any party. The venue for any lawsuit arising out of this Contract shall be in Miami-Dade County, Florida.

9.11 Attorneys' Fees. If either the CITY or CONTRACTOR is required to enforce the terms of the Contract by court proceedings or otherwise, whether or not formal legal action is required, the prevailing party shall be entitled to recover from the other party all such costs and expenses, including, but not limited to, court costs, and reasonable attorneys' fees at the trial and appellate level.

9.12 Amendments. This Contract may only be amended by the prior written approval of the parties or by execution of a Change Order in the form attached hereto as Exhibit "B".

IN WITNESS WHEREOF, the parties hereto have made and executed this Contract on the respective dates under each signature: THE CITY OF DORAL, FLORIDA, signing by and through its City Manager, authorized to execute same by Council action on the _____ day of _____, 20____, and by _____(Contractor), signing by and through its _____, duly authorized to execute same.

WITNESS

CONTRACTOR

By: _____
(Signature and Corporate Seal)

(Contractor)

(Print Name and Title)

(Signature)

(Print Name and Title)

_____ day of _____, 20_____.

ATTEST

CITY OF DORAL

Connie Diaz, City Clerk

Hernan Organvidez, Interim City Manager

APPROVED AS TO FORM AND LEGALITY FOR THE USE
AND BENEFIT OF THE CITY OF DORAL ONLY:

Luis Figueredo, Esq., City Attorney

(*) In the event that the Contractor is a corporation, there shall be attached to each counterpart a certified copy of a resolution of the board of the corporation, authorizing the officer who signs the contract to do so in its behalf.

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the _____ of
_____ and that _____, who signed the Bid
with the City of Doral, Miami-Dade County, Florida for _____, is
_____ of said Corporation with full authority to sign said Bid on behalf of the
Corporation.

Signed and sealed this _____ day of _____, 20_____.

(SEAL)

Signature

Type Name and Title

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

SWORN TO AND SUBSCRIBED before me this _____ day of _____, 20_____.

My Commission Expires:

Notary Public

CERTIFICATE AS TO AUTHORIZED CORPORATE PERSONNEL

I, _____, certify that I am the _____ of _____, who signed the Bid with the City of Doral, Miami-Dade County, Florida, for the project titled _____, and that the following persons have the authority to sign payment requests on behalf of the Corporation:

<i>(Signature)</i>	<i>(Typed Name)</i>	<i>(Title)</i>

<i>(Signature)</i>	<i>(Typed Name)</i>	<i>(Title)</i>

<i>(Signature)</i>	<i>(Typed Name)</i>	<i>(Title)</i>

Signed and sealed this _____ day of _____, 20_____.

(SEAL)

Signature

Type Name and Title

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

SWORN TO AND SUBSCRIBED before me this _____ day of _____, 20_____.

My Commission Expires:

Notary Public

SECTION 00510 – NOTICE OF AWARD

To: _____

PROJECT DESCRIPTION: City of Doral ***ITB NO. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements***, in accordance with Contract Documents as prepared by the City and

The City has considered the Bid submitted by you for the above-described WORK in response to its Advertisement for Bid and Instruction to BIDDERS.

You are hereby notified that your Bid has been accepted for the City of Doral, ***ITB NO. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements***, in a not to exceed amount of

\$_____Dollars.

You are required by the instruction to BIDDER's to execute the Agreement and furnish the required CONTRACTOR's Performance Bond, Payment Bond and Certificated of Insurance within ten (10) days from the date of this Notice to you.

If you fail to execute said Agreement and to furnish said Bonds and Insurance within ten (10) days from the date of this Notice, said City will be entitled to, revoke the award and retain the Bid Security.

By: _____
Name: Hernan Organvidez
Title: Interim City Manager

Dated this _____ day of _____, 20_____.

ACCEPTANCE OF NOTICE OF AWARD

Receipt of the above Notice of Award is hereby acknowledged by

this the _____ day of _____, 20____

By: _____

Title: _____

You are required to return an acknowledged copy of this Notice of Award to the City.

END OF SECTION

SECTION 00550 – NOTICE TO PROCEED

To: _____

Date: _____

PROJECT DESCRIPTION: ***ITB No. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements***, in accordance with Contract Documents as prepared by the City of Doral.

Site Number/Name: _____

Site Location: _____

You are hereby notified to commence all the work that conforms to the scope of work in accordance with the Contract Agreement dated _____. This work is to be completed in _____ calendar days, on or before _____, 20____, with both parties being in total and full agreement or the Contractor shall be subject to the liquidated damages clauses of the Agreement. The cost to perform the scope of work in accordance with the Agreement shall not exceed \$_____.

City of Doral

By: _____

Hernan Organvidez

Title: Interim City Manager

ACCEPTANCE OF NOTICE TO PROCEED

Receipt of the above NOTICE TO PROCEED is hereby acknowledge by _____,

This _____ day of _____, 20____.

By: _____

Title: _____

END OF SECTION

SECTION 00560 – PRECONSTRUCTION CONFERENCE

- A. After the award of Contract and prior to the issuance of the "Notice to Proceed", a preconstruction conference will be held with representatives from the CONTRACTOR, CEI Team, Engineering Team, City of Doral, various utility companies, and other stakeholders, for the purpose of coordinating the Work. The City will discuss requirements of such matters as project supervision and inspections, progress schedules and reports, Contract Change Orders, insurance, safety, and other items pertinent to the Project. The time and place of the meeting shall be set by the City's project manager.
- B. In some cases, the preconstruction conference may be held after the start work date stated in the written "Notice to Proceed". This may be due to difficulty with coordination of all parties concerned, or other similar reasons.
- C. Such delays in holding the preconstruction meeting shall not relieve the CONTRACTOR of any responsibilities hereunder and will not be an acceptable reason for him to request additional work completion time beyond that provided since he will be able to begin obtaining permits, mobilizing his equipment and forces, preparing submittals, ordering materials, performing minor work, or other work if approved by the Engineer, during the interim period.
- D. Prior to the preconstruction conference, the CONTRACTOR shall prepare the construction schedule and provide copies of the same to others in attendance.
- E. The construction schedule shall include the place of beginning, the proposed order of progression, together with the estimated times for beginning and completing the various items of work. In addition, the CONTRACTOR shall prepare on electronic media, a critical path method (CPM) with emphasis made to "construction time and completion", Early/Late Start, Early/Late Finish, and clearly present Float Time as associated with activity and project duration with no activity duration longer than 4 calendar weeks unless approved by the Engineer.
- F. The City shall discuss requirements of such matters as description of project, Contract important dates, project contact information, permitting, site and location access, utility coordination, maintenance of traffic (MOT), review of plans and special requirements, testing requirements, erosion control, project supervision and inspections, progress schedules and reports, Contract Change Orders, insurance, safety, special provisions, warranty and other items pertinent to the Project.
- G. All parties to this conference shall be prepared to discuss any problems anticipated with the execution of the Work under this Contract.
- H. CONTRACTOR will be presented with a link to the copy of the preconstruction power point and a hard copy for his/her execution.
- I. Submittals:
 - a. The following submittals will be required from the CONTRACTOR at Preconstruction Conference
 - i. Construction Schedule
 - ii. Pre-Construction photos and video
 - iii. Chain of Authority letter

- iv. Hurricane Preparedness Plan (Site Specific)
- v. Emergency Contact Information letter
- vi. Competent Person Information letter
- vii. Labor Burden Declaration letter (Exhibit K) from CPA

SECTION 00600 - BONDS AND CERTIFICATES

SECTION 00612 - FORM OF PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS:

That, pursuant to the requirements of Florida Statute 255.05, we, _____ as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the City of Doral, Florida as Obligee, hereinafter called City, in the amount of Dollars (\$ _____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, **ITB No. 2021-19**, awarded the _____ day of _____, 20_____, with the City of Doral for **ITB No. 2021-19 – NW 82 Street and NW 114 Avenue Traffic Signal Improvements**, in accordance with specifications prepared by the City of Doral which Contract is by reference made a part hereof, and is hereafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if the Contractor:

1. Indemnifies and pay Obligee all losses, damages (including, but not limited to, damages for delay (specifically, liquidated damages as per section 00710 – General Conditions of the ITB and section 3.4 of the Construction Contract) and actual damages caused or arising out of the acts, omissions or negligence of Contractor), expenses, costs, and attorney's fees including attorney's fees incurred in appellate proceedings, that Obligee sustain because of default by Contractor under the Contract; and
2. Promptly makes payments to all claimants as defined by Florida Statute 255.05(1) supplying Contractor with all labor, materials and supplies used directly or indirectly by Contractor in the prosecution of the Work provided for in the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect subject, however, to the following conditions:
 - 1.1 A claimant, except a laborer, who is not in privity with the Contractor and who has not received payment for their labor, materials, or supplies shall, within forty-five (45) days after beginning to furnish labor, materials, or supplies for the prosecution of the Work, furnish to the Contractor a notice that they intend to look to the Bond for protection.
 - 1.2 A claimant who is not in privity with the Contractor and who has not received payment for their labor, materials, or supplies shall, within ninety (90) days after performance of the labor, or after complete delivery of the materials or supplies, deliver to the Contractor and to the Surety, written notice of the performance of the labor or delivery of the materials or supplies and of the non-payment.
 - 1.3 No action for the labor, materials, or supplies may be instituted against Contractor or the Surety unless the notices stated under the preceding paragraphs 2.1 and 2.2 have been given.

1.4 Any action under this Bond must be instituted in accordance with the Notice and Time Limitations provisions prescribed in Section 255.05(2), Florida Statutes.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes do not affect the Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20_____.

WITNESS:

By: _____
(Signature and Title)

(CORPORATE SEAL)

(Type Name and Title signed above)

WITNESS:

(Name of Corporation)

Secretary

By: _____

(Type Name and Title signed above)

IN THE PRESENCE OF;

INSURANCE COMPANY:

By: _____

*Agent and Attorney-in-Fact

Address: _____

(Street) _____

(City/State/Zip Code) _____

Telephone No.: (____) _____

* (Power of Attorney must be attached)

State of _____

County of _____

On this, the _____ day of _____, 20____, before me, the undersigned Notary Public of the State of _____, the foregoing instrument was acknowledged by (name of corporate officer), _____ (title), of (name of Corporation), a (state of corporation) corporation, on behalf of the corporation.

WITNESS my hand and official seal

Notary Public, State of

Printed, typed or stamped name of Notary Public
exactly as commissioned

☐ Personally known to me, or

☐ Produced identification: _____

(type of identification produced)

☐ Did take an oath, or

☐ Did not take an oath

SECTION 00614 - FORM OF PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That, pursuant to the requirements of Florida Statute 255.05, we, _____, as Principal, hereinafter called Contractor, and _____, as Surety, are bound to the City of Doral, Florida, as Obligee, hereinafter called City, in the amount of _____ Dollars (\$_____) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, ITB No. 2021-19, awarded the ____ day of _____, 20____, with City of Doral for NW 82 Street and NW 114 Avenue Traffic Signal Improvements, ITB NO. 2021-19 in accordance with drawings (plans) and specifications which Contract is by reference made a part hereof, and is hereafter referred to as the Contract;

THE CONDITION OF THIS BOND is that if the Contractor:

1. Fully performs the Contract between the Contractor and the City for: NW 82 Street and NW 114 Avenue Traffic Signal Improvements, ITB NO. 2021-19 as scheduled after the date of Contract commencement as specified in the Notice to Proceed and in the manner prescribed in the Contract; and bid specifications.
2. Indemnifies and pay Obligee all losses, damages (including, but not limited to, damages for delay (specifically, liquidated damages as per section 00710 – General Conditions of the ITB and section 3.4 of the Construction Contract) and actual damages caused or arising out of the acts, omissions or negligence of Contractor), expenses, costs, and attorney's fees including attorney's fees incurred in appellate proceedings, that Obligee sustain because of default by Contractor under the Contract; and
3. Upon notification by the City of Doral, corrects any and all defective or faulty Work or materials which appear within ONE (1) YEAR.
4. Performs the guarantee of all Work and materials furnished under the Contract for the time specified in the Contract, then this Bond is void, otherwise it remains in full force.

Whenever Contractor shall be, and declared by City to be, in default under the Contract, the City having performed their obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- 4.1 Complete the Contract in accordance with its terms and conditions; or
- 4.2 Obtain a Bid or Bids for completing the Contract in accordance with its terms and conditions, and upon determination by Surety of the best, lowest, qualified, responsible and responsive BIDDER, or, if the City elects, upon determination by the City, and Surety jointly of the best, lowest, qualified, responsible and responsive BIDDER, arrange for a Contract between such BIDDER and City, and make available as Work progresses (even though there should be a default or a succession of defaults

under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract Price." as used in this paragraph, shall mean the total amount payable by City of Doral to Contractor under the Contract and any amendments thereto, less the amount properly paid by City of Doral to Contractor.

No right of action shall accrue on this Bond to or for the use of any person or Corporation other than the City named herein.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes do not affect Surety's obligation under this Bond.

Signed and sealed this _____ day of _____, 20____.

WITNESSES: _____

(Name of Corporation) _____

By: _____

Secretary

(Signature and Title)

(CORPORATE SEAL)

(Type Name & Title signed above)

IN THE PRESENCE OF:

INSURANCE COMPANY: _____

By: _____

*(Agent and Attorney-in-Fact)

Address (Street):

(City/State/Zip Code)

Telephone No.: (____) _____

* (Power of Attorney must be attached)

State of _____

County of _____

On this, the _____ day of _____, 20____, before me, the undersigned
Notary Public of the State of _____, the foregoing instrument was acknowledged by (name of
Corporate officer), _____(title), of _____(name of Corporation),
a _____ (state of corporation) corporation, on behalf of the corporation.

WITNESS my hand

and official seal

Printed, typed or stamped name of Notary Public
exactly as commissioned

Notary Public, State of _____

☐ Personally known to me, or

☐ Produced identification:

(type of identification produced)

☐ Did take an oath, or

☐ Did not take an oath

Bonded by: _____

SECTION 00710 – GENERAL CONDITIONS

ARTICLE I – DEFINITIONS

Wherever used in these General Conditions or in the other Contract Documents, the following terms shall have the meaning indicated which shall be applicable to both the singular and plural thereof:

Acceptance: By the CITY of the Work as being fully complete in accordance with the Contract Documents subject to waiver of claims.

Agreement: The written Agreement between the CITY and the CONTRACTOR covering the Work to be performed, which includes the Contract Documents.

Addenda: Written or graphic instruments issued prior to the Bid Opening which modify or interpret the Contract Documents, Drawings and Specifications, by addition, deletions, clarifications or corrections.

Application for Payment: The form furnished by the CITY which is to be used by the CONTRACTOR in requesting progress payments.

Approved: Means approved by the CITY.

Bid: The offer or proposal of the BIDDER submitted on the prescribed form setting forth the prices for the Work to be performed.

BIDDER: Any person, firm or corporation submitting a Bid for Work.

Bonds: Bid, Performance and Payment Bonds and other instruments of security, furnished by the CONTRACTOR and their surety in accordance with the Contract Documents and in accordance with the law of the State of Florida.

Change Order: A written order to the CONTRACTOR signed by the CITY authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time issued after execution of the Agreement.

CITY: City of Doral, 8401 NW 53rd Terrace, Doral, Florida 33166.

Contract Documents: Contract Documents shall include Instruction to BIDDERS, CONTRACTOR's Bid, the Bonds, the Notice of Award, these General Conditions, Special Conditions, the Technical Specifications, Drawings and Modifications, Notice to Proceed, Invitation to Bid, Insurance Certificates, Change Orders and Acknowledgement of Conformance with the City of Doral.

Contract Price: The total moneys payable to the CONTRACTOR under the Contract Documents.

Contract Time: The number of calendar days stated in the Agreement for the completion

of the Work.

Contracting Officer: The individual who is authorized to sign the contract documents on behalf of the City's governing body.

CONTRACTOR: The person, firm of corporation with whom the CITY has executed the Agreement.

CONSULTANT: The person, firm or corporation that is an authorized representative of the City of Doral.

Day: A calendar day of twenty-four (24) hours measured from midnight to the next midnight.

Drawings: The drawings which show the character and scope of the Work to be performed and which have been prepared or approved by the CONSULTANT and are referred to in the Contract Documents.

Field Order: A written order issued by the CITY which clarified or interprets the Contract Documents in accordance with Paragraph 9.2 or orders minor changes in the Work in accordance with Paragraph 10.2.

Modifications: (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order, (c) a written clarification or interpretation if issued by the CITY in accordance with Paragraph 9.2 or (d) a written order for minor change or alteration in the Work issued by the CITY pursuant to Paragraph 10.2. A modification may only be issued after execution of the Agreement.

Notice of Award: A written notice given by the CITY to the CONTRACTOR fixing the date on which the Contract Time will commence to run and on which the CONTRACTOR shall start to perform their obligations under the Contract Documents.

Project: The entire Project to be performed as provided in the Contract Documents.

Construction Observer: An authorized representative of the CITY assigned to observe the Work performed and materials furnished by the CONTRACTOR, or such other person as may be appointed by the CITY as his representative. The CONTRACTOR shall be notified in writing of the identity of this representative.

Shop Drawings: All drawings, diagrams, illustrations, brochures, schedules, and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier, or distributor, and which illustrate the equipment, material or some portion of the work and as required by the Contract Documents.

Samples: Physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

Specifications: Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work.

Subcontractor: An individual, firm or corporation having a direct contract with the CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

Substantial Completion: The date as certified by the CITY when the construction of the Project or a certified part thereof is sufficiently completed, in accordance with the Contract Documents, so that the Project or specified part can be utilized for the purposes which it was intended; or if there be no such certification, the date when final payment is due.

Supplier: Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

Surety: The corporate body which is bound with the CONTRACTOR, and which engages to be responsible for the CONTRACTOR and their acceptance performance of the Work.

Work: Any and all obligations, duties, and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the CONTRACTOR under the Contract Documents, including all labor, materials, equipment and other incidentals, and the furnishing thereof.

Written Notice: The term "Notice" as used herein shall mean and include all written notices, demands, instructions, claims, approvals, and disapprovals required to obtain compliance with Contract requirements. Written notice shall be deemed to have been duly served if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or to an authorized representative or such individual, firm, or corporation, or if delivered at or sent by registered mail to the last business address known to them who gives the notice. Unless otherwise stated in writing, any notice to or demand upon the CITY under this Contract shall be delivered to the CITY.

ARTICLE 2 – PRELIMINARY MATTERS

Award:

- 2.1** The CITY reserves the right to reject any and all Bids at its sole discretion. Bids shall be awarded by the CITY to the lowest responsive and responsible BIDDER; after the CITY performs all necessary searches, inquiries, exploration, and analysis of the bids. No Notice of Award will be given until the CITY has conducted any investigation(s) as they deem necessary to establish the BIDDER's capability to perform the services as described in this CONTRACT, as substantiated by the required professional experience, client references, technical knowledge and qualifications; and sufficient labor and equipment to comply with the CITY's established standards, as well as the financial capability of the BIDDER to perform the Work in accordance with the Contract Documents to the satisfaction of the CITY within the time prescribed. The CITY reserves the right to reject the Bid of any BIDDER on the basis of these queries and investigations and who does not meet the CITY's satisfaction, even though the firm may possibly be the apparent lowest bidder. In analyzing Bids, the CITY will also take into consideration client references, past work experience and work product, proven ability to satisfactorily perform the manufacturing and installation of roadway directional signage to CITY standards; and alternate and unit prices if requested by the Bid form. If the Contract is awarded, the CITY will issue the Notice of Award and give the successful

BIDDER a Contract for execution within ninety (90) days after opening of Bids. The CITY specifically reserves the right to award the Contract to a bidder who is not necessarily the lowest bidder on the basis of the results of these queries and investigation(s).

Execution of Agreement:

- 2.2** At least three counterparts of the Agreement, the Performance and Payment Bond, the Certificates of Insurance and such other Documents as required by the Contract Documents shall be executed and delivered by the CONTRACTOR to the CITY within ten (10) calendar days of receipt of the Notice of Award.

Forfeiture of Bid Security/Performance and Payment Bond:

- 2.3** Within ten (10) calendar days of being notified of the Award, the CONTRACTOR shall furnish a Performance Bond and a Payment Bond containing all the provisions of the Performance Bond and Payment Bond attached.

2.3.1 Each Bond shall be in the amount of one hundred percent (100%) of the Contract Price guaranteeing to the City the completion and performance of the Work covered in such Contract as well as full payment of all suppliers, material man, laborers, of Subcontractors employed pursuant to this Project. Each Bond shall be with a Surety company meeting the qualifications of Sections 2.3.4, 2.3.5, and 2.3.6.

2.3.2 Each Bond shall continue in effect for one and one half (1 ½) years after final completion and acceptance of the Work with the liability equal to one hundred percent (100%) of the Contract Sum. The Performance Bond shall be conditioned that the CONTRACTOR will, upon notification by the CITY, correct any defective or faulty Work or materials which appear within one and a one half (1 ½) years after final completion of the Contract.

2.3.3 Pursuant to the requirements of Section 255.05(1), Florida Statutes, the CONTRACTOR shall ensure that the Bond(s) referenced above shall be recorded in the public records of Dade County and Provide the CITY with evidence of such recording.

2.3.4 Each Bond must be executed by a surety company authorized to do business in the State of Florida as a surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years.

2.3.5 The surety company shall hold a current certificate of authority as acceptable surety on federal bonds in accordance with the United States Department of Treasury Circular 570, current Revisions.

2.3.6 The CITY will accept a surety bond from a company with a rating of A- or better.

2.3.7 Failure of the successful BIDDER to execute and deliver the Agreement and deliver the required bonds and Insurance Certificates as stipulated in paragraph 2.2 shall be cause for the CITY to annul the Notice of Award and

declare the Bid and any security therefore forfeited.

Contractor's Pre-Start Representation:

- 2.4 The CONTRACTOR represents that they have familiarized themselves with and assumes full responsibility for having familiarized themselves with the nature and extent of the Contract Documents, Work, locality, and with all local conditions and federal, State and local laws, ordinances, rules and regulations that may in any manner affect performance of the Work and represents that they have correlated their study and observations with the requirements of the Contract Documents. The CONTRACTOR also represents that they have studied all surveys and investigations reports of subsurface and latent physical conditions referred to in the specifications and made such additional surveys and investigations as they deem necessary for the performance of the Work in the Contract Documents and that they have correlated the results of all such data with the requirements of the Contract Documents. Additional monies will not be paid, over and above the CONTRACT amount, in the event rock is encountered.

Commencement of Contract Time:

- 2.5 The Contract Time will start on the date the Agreement is executed and will continue to run consecutively for the period of *one hundred and fifty (150) calendar days* after date specified in Notice to Proceed until substantial completion. Project shall be completed and ready for final payment in accordance with the Contract Documents within *one hundred and eighty (180) calendar days* after the date specified in the Notice to Proceed ("Final Completion"). No extension of time will be given unless stated in writing.

Starting the Project:

- 2.6 The CONTRACTOR shall start to perform their obligations under the Contract Documents on the date stipulated in the Notice to Proceed (NTP) for each site. No Work shall be done at the site prior to the date on which the NTP commences to run, except with the written consent of the CITY. No work will be done on Saturday without written consent of the CITY or after the end of a normal business day unless prior approval is given by the CITY in writing. No work shall be permitted on Sundays or on national holidays.

Before Starting Contract:

- 2.7 Before undertaking each part of the Work, the CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements which shall be approximate. The CONTRACTOR shall field verify utility locations and notify the CITY of any conflicts so that the conflict is avoided prior to beginning of construction. Any modifications to the proposed work, once construction has begun, will be at no cost to the CITY.

Schedule of Completion:

- 2.8 Within five (5) days after delivery of the Notice to Proceed, the CONTRACTOR will submit to the City, a Schedule defining hours and/or days required to complete each section of work as outlined.
- 2.9 Within five (5) days after delivery of the executed Agreement by the CITY to the CONTRACTOR, but before starting the Work, a preconstruction conference will be

held to review the above schedules, and provide procedures for processing Applications for Payment, and to establish a working understanding between the parties as to the Project. Present at the conference will be the CITY representative, and the CONTRACTOR.

Liquidated Damages:

- 2.10** Upon failure of the CONTRACTOR to complete the Work within the time specified for completion, (plus approved extensions if any) the CONTRACTOR shall pay to the CITY the sum of **ONE THOUSAND SIX HUNDRED AND SIXTY-FIVE DOLLARS AND 00/100 (\$1,665.00)** for each calendar day that the completion of the Work is delayed beyond the time specified in the Contract for completion, as fixed and agreed liquidated damages and not as a penalty. Liquidated damages are hereby fixed and agreed upon between the parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the CITY as a consequence of such delay and both parties desiring to obviate any question of dispute concerning the amount of said damages and the cost and effect of the failure of the CONTRACTOR to complete the Contract on time. Regardless of whether or not a single Contract is involved, the above-stated liquidated damages shall apply separately to each portion of the Work for which a time of completion is given. The CITY shall have the right to deduct from and retain out moneys which may be then due, or which may become due and payable to the CONTRACTOR, the amount of such liquidated damages, the CONTRACTOR shall pay in full such liquidated damages.

ARTICLE 3 – CORRELATION, INTERPRETATION, AND INTENT OF CONTRACT DOCUMENTS

- 3.1** It is the intent of the Specifications to describe a complete Project to be delivered in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the CITY and the CONTRACTOR. They may be altered only by a Modification.
- 3.2** The Contract Documents are complementary; what is called for by one is as binding as if called for by all. If CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, they shall call it to the City's attention in writing at once and before proceeding with the Work affected thereby; however, they shall not be liable to CITY or CONTRACTOR for their failure to discover any conflict, error or discrepancy in the Specifications or Drawings. The various Contract Documents shall be given precedence in case of conflict, error or discrepancy, as follows: Change Orders, Supplemental General Conditions, Agreement Modifications, Addenda, Special Conditions, Instructions to BIDDERS, General Conditions, Specifications and Drawings. If the requirements of other Contract Documents are more stringent than those of the Supplemental General Conditions, the more stringent requirements shall apply.
- 3.3** The words "furnish" and "furnish and install", "install", and "provide" or words with similar meaning shall be interpreted, unless otherwise specifically stated, to mean "furnish and install complete in place and ready for service".
- 3.4** Miscellaneous items and accessories which are not specifically mentioned, but which are essential to produce a complete and properly operating installation, or usable

structure or plant, providing the indicated function, shall be furnished and installed without change in the Contract Price. Such miscellaneous items and accessories shall be of the same quality standards, including material, style, finish, strength, class, weight and other applicable characteristics, as specified for the major component of which the miscellaneous item or accessory is an essential part, and shall be approved by the CITY before installation. The above requirement is not intended to include major components not covered by or inferable from the Drawings and Specifications.

- 3.5 The Work of all trades under this Contract shall be coordinated by the CONTRACTOR in such manner as to obtain the best workmanship possible for the entire Project, and all components of the Work shall be installed or erected in accordance with the best practices of the particular trade.

ARTICLE 4 – AVAILABILITY OF LANDS SUBSURFACE CONDITIONS REFERENCE POINTS

Availability of Lands:

- 4.1 The CITY will furnish, as indicated in the Contract Documents, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other lands which are designed for the use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the CITY unless otherwise specified in the Contract Documents.

ARTICLE 5 – INSURANCE

- 5.1 The CONTRACTOR shall provide and maintain in force until all the Work to be performed under this Contract has been completed and accepted by City (or for such duration as is otherwise specified hereinafter), the insurance coverage set forth: in Exhibit A titled Insurance Requirements.
- 5.2 The CONTRACTOR agrees that if any part of the Work under the Contract is sublet, they will require the Subcontractor(s) to carry insurance as required, and that they will require the Subcontractor(s) to furnish to them insurance certificates similar to those required by the CITY in Section 5.1.

Cancellation and Re-Insurance:

- 5.3 If any insurance should be canceled or changed by the insurance company or should any insurance expire during the period of this contract, the CONTRACTOR shall be responsible for securing other acceptable insurance to provide the coverage specified in this section to maintain coverage during the life of this Contract.
- 5.4 All deductibles must be declared by the CONTRACTOR and must be approved by the CITY. At the option of the CITY, either the CONTRACTOR shall eliminate or reduce such deductible, or the CONTRACTOR shall procure a Bond, in a form satisfactory to the CITY, covering the same. The contractor is responsible for any and all deductibles, if applicable, following a loss.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

Concerning Subcontractors:

- 6.1** The CONTRACTOR will not employ any Subcontractor, against whom the CITY may have reasonable objection, nor will the CONTRACTOR be required to employ any Subcontractor who has been accepted by the CITY, unless the CITY determines that there is good cause for doing so.
- 6.2** The CONTRACTOR shall be fully responsible for all acts and omissions of their Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that they are responsible for the acts and omissions of persons directly employed by them. Nothing in the Contract Documents shall create any contractual relationship between CITY and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of CITY to pay or to see to payment of any persons due any Subcontractor or other person or organization, except as may otherwise be required by law. CITY may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to the CONTRACTOR on account of specified Work done in accordance with the schedule values.
- 6.3** The divisions and sections of the Specifications and the identifications of any Drawings shall not control the CONTRACTOR in dividing the Work among Subcontractors or delineating the Work performed by any specific trade.
- 6.4** The CONTRACTOR agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the CITY.
- 6.5** All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.
- 6.6** The CONTRACTOR shall be responsible for the coordination of the trades, Subcontractors, materials and men engaged upon their Work.

 - 6.6.1** The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the CONTRACTOR by the terms of these General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors and give the CONTRACTOR the same power as regards to terminating any subcontract that the CITY may exercise over the CONTRACTOR under any provisions of the Contract Documents.
 - 6.6.2** The CITY will not undertake to settle any differences between the CONTRACTOR and their Subcontractors or between Subcontractors.
 - 6.6.3** If in the opinion of the CITY, any Subcontractor on the Project proves to be incompetent or otherwise unsatisfactory, they shall be promptly replaced by the CONTRACTOR if and when directed by the CITY in writing.

Laws and Regulations:

- 6.7 The CONTRACTOR will give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, they will give the CITY prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the CITY, they will bear all costs arising wherefrom; however, it shall not be their primary responsibility to make certain that the Drawings and Specifications are in accordance with such laws, ordinances, rules and regulations.

Taxes:

- 6.8 Cost of all applicable sales consumers, use, and other taxes for which the CONTRACTOR is liable under the Contract shall be included in the Contract Price stated by the CONTRACTOR.

Safety and Protection:

- 6.9 The CONTRACTOR will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the **ROADWAY AND TRAFFIC DESIGN STANDARDS SERIES 600 TRAFFIC CONTROL THROUGH WORK ZONES** latest edition. They will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to:

6.9.1 All employees and other persons whom may be affected thereby; and

6.9.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the work area, and

6.9.3 Other property at the work area or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

- 6.10 The CONTRACTOR will designate a responsible member of their organization at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S Superintendent unless otherwise designated in writing by the CONTRACTOR to the CITY.

Emergencies:

- 6.11 In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the CITY, is obligated to act, at their discretion, to prevent threatened damage, injury or loss. They will give the CITY prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby. If the CONTRACTOR believes that additional Work done by them in an emergency which arose from causes beyond their control entitles them to an increase in the Contract Price or an extension of the Contract Time, they may make a claim therefore as provided in articles 11 and 12.

- 6.12 The CONTRACTOR will also submit to the CITY for review, with such promptness

as to cause no delay in Work, all samples and photographs required by the Contract Documents. All samples and photographs will have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended.

- 6.13 At the time of each submission, the CONTRACTOR will in writing call the CITY'S attention to any deviations that the Photographs or sample may have from the requirements of the Contract Documents.
- 6.14 The CITY will review with responsible promptness Photographs and Samples, but their review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The CONTRACTOR will make any corrections required by the CITY and will return the required number of corrected copies of Photographs and resubmit new samples until the review is satisfactory to the CITY.
- 6.15 No Work requiring a Photograph or sample submission shall be commenced until the submission has been reviewed by the CITY. A copy of each Photograph and each approved sample shall be kept in good order by the CONTRACTOR at the site and shall be available to the CITY.
- 6.16 The CITY'S review of Photographs or samples shall not relieve the CONTRACTOR from their responsibility for any deviations from the requirements of the Contract Documents unless the CONTRACTOR has in writing called the CITY's attention to each deviation at the time of submission and the CITY has given written approval to the specific deviation, nor shall any review by the CITY relieve the CONTRACTOR from responsibility for supplying the plant material as specified.

Public Convenience and Safety:

- 6.17 The CONTRACTOR shall, at all times, conduct the Work in such a manner as to insure the least practicable obstruction to public travel. The convenience of the general public and of the residents along and adjacent to the area of Work shall be provided for in a satisfactory manner, consistent with the operation and local conditions. Proper Maintenance of Traffic (MOT) devices shall be placed immediately adjacent to the Work, in a conspicuous position, at such locations as traffic demands. The MOT shall be designed as outlined in the latest edition of **ROADWAY AND TRAFFIC DESIGN STANDARDS SERIES 600**. At any time that streets are required to be closed or blocked, the CONTRACTOR shall notify law enforcement agencies before the street is closed and again as soon as it is opened. Access to fire hydrants and other fire extinguishing equipment shall be provided and maintained at all times.

Indemnification:

- 6.18 In consideration of the separate sum of twenty-five dollars (\$25.00) and other valuable consideration, the CONTRACTOR shall indemnify, defend and save harmless the CITY, its officers, agents and employees, from or on account of any injuries or damages, received or sustained by any person or persons during or on account of any operations connected with the construction of this Project, or by or in consequence of any negligence by or on account of any act or omission of the said CONTRACTOR or his Subcontractor, agents, servants or employees. The CONTRACTOR will indemnify, defend and hold harmless the CITY and their agents or employees from

and against all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim damage, loss or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting wherefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused by a party indemnified hereunder. In the event that a court of competent jurisdiction determines that Sec. 725.06 (2), F.S. is applicable to this Work, then in lieu of the above provisions of this section 6.18 the parties agree that CONTRACTOR shall indemnify, defend and hold harmless CITY, their officers and employees, to the fullest extent authorized by Sec. 725.06 (2) F.S., which statutory provisions shall be deemed to be incorporated herein by reference as if fully set forth herein.

- 6.19** In the event that any action or proceeding is brought against CITY by reason of any such claim or demand, CONTRACTOR, upon written notice from CITY shall defend such action or proceeding by counsel satisfactory to CITY. The indemnification provided above shall obligate CONTRACTOR to defend at its own expense or to provide for such defense, at CITY'S option, any and all claims of liability and all suits and actions of every name and description that may be brought against CITY, excluding only those which allege that the injuries arose out of the sole negligence of CITY, which may result from the operations and activities under this Contract whether the construction operations be performed by CONTRACTOR, its Subcontractors or by anyone directly or indirectly employed by either.
- 6.20** The obligations of the CONTRACTOR under Article 6 shall not extend to the liability of the CITY, their agents or employees arising out of (a) the preparation or approval of maps, drawings, opinions, reports, surveys, Change Orders, designs or specifications or (b) the giving of or the failure to give directions or instructions by the CITY, their agents or employees provided such giving of failure to give is the primary cause of injury or damage. These indemnification provisions shall survive the term of this Contract.

ARTICLE 7 – CITY'S RESPONSIBILITIES

- 7.1** The CITY will issue all communications to the CONTRACTOR.
- 7.2** In cases of termination of employment of the CONTRACTOR, the CITY will appoint a CONTRACTOR, whose status under the Contract Documents shall be that of the former CONTRACTOR.
- 7.3** The CITY will furnish the data required of them under the Contract Documents promptly.
- 7.4** The CITY's duties in respect to providing lands and easements are set forth in Article 4.

ARTICLE 8 – CITY'S STATUS DURING CONSTRUCTION

Measurements of Quantities:

- 8.1 All Work completed under the Contract will be measured by the CITY according to the United States Standard Measures. All linear surface measurements will be made horizontally or vertically as required by the item measured.

Rejecting Defective Work:

- 8.2 The CITY will have authority to disapprove or reject Work which is “defective” (which term is hereinafter used to describe Work that is unsatisfactory, faulty or defective, or does not conform to the requirements of the Contract Documents or does not meet the requirements of any inspection, test or approval referred to in Special Condition, or has been damaged prior to final acceptance) at CONTRACTOR’s expense.

Shop Drawings, Change Orders and Payments:

- 8.3 In connection with the CITY’s responsibility as to Shop Drawings and samples, see paragraphs 6.12 through 6.16, inclusive.
- 8.4 In connection with the CITY’S responsibility for Change Orders, see Articles 9 and 10.
- 8.5 In connection with the CITY’S responsibilities in respect of Application of Payment, etc., see Article 11.

Decisions on Disagreements:

- 8.6 The CITY will be the initial interpreter of the Construction Drawings and Technical Specifications.

Limitations on Consultant’s Responsibilities:

- 8.7 The CITY will not be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions and programs incident thereto.
- 8.8 The CITY will not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of their or their agents or employees, or any other person performing any of the Work.

ARTICLE 9 – CHANGES IN THE WORK

- 9.1 Without invalidating the Agreement, the CITY may, at any time or from time to time, order additions, deletions or revisions in the Work; these shall be authorized by Change Orders. Upon receipt of a Change Order, the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under the applicable conditions of the Contract Documents. As per Articles 11 and Article 12, all Change Orders that add or delete work, or increase or decrease Time, will most likely result in an adjustment to the Contract Price and Time accordingly. Any such changes will be reflected in the Change Order(s), which when signed by the CONTRACTOR, shall indicate an agreement of the parties therewith.

- 9.2** The CITY may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the CITY entitles them to an increase in the Contract Price or extension of Contract Time, they may make a claim therefore as provided in Articles 11 and 12.
- 9.3** Additional Work performed by the CONTRACTOR without authorization of a Change Order will not entitle CONTRACTOR to an increase in the Contract Price or an extension of the Contract Time, except in the case of an emergency as provided in paragraph 6.11 and except as provided in paragraph 10.2.
- 9.4** The CITY will execute appropriate Change Orders prepared by the CITY covering changes in the Work, to be performed and Work performed in an emergency as provided in paragraph 6.11 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the CITY.
- 9.5** It is the CONTRACTOR'S responsibility to notify his Surety of any changes affecting the general scope of the Work or change in the Contract Price or Contract Time and the amount of the applicable bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such an adjustment to the CITY.

ARTICLE 10 – CHANGE OF CONTRACT PRICE

- 10.1** The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the CONTRACTOR shall be at their expense without changing the Contract Price.
- 10.2** (a) The CITY may, at any time, without written notice to the sureties, by written order designated or indicated to be a Change Order, make any change in the Work within the general scope of the Contract, including but not limited to changes:
- 1) in the specifications (including drawings and designs);
 - 2) in the method or manner of performance of the Work;
 - 3) in the CITY-furnished facilities, equipment, materials, services, or site; or
 - 4) in directing acceleration in the performance of the Work.
- (b) Except as herein provided, no order, statement, or conduct of the CITY shall be treated as a change under this clause or entitle the CONTRACTOR to an adjustment to the Contract Price or Time.
- (c) If any change order under this clause causes an increase or decrease in the CONTRACTOR'S cost of, or the time required for, the performance of any part of the Work, under this Contract, whether or not changed by any order, the Contract Price and Time will be adjusted in writing by the same amount.

(d) If the CONTRACTOR intends to assert a claim for an adjustment in Contract Price or Time under this clause, he must, within ten (10) days after receipt of a written Change Order, submit to the CITY a written notice including a statement setting forth the general nature and monetary extent of such claim, and supporting data.

(e) No claim by the CONTRACTOR for an adjustment in Contract Price or Time hereunder shall be allowed if not submitted in accordance with this section or if asserted after final payment under this Contract.

10.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

10.3.1 By negotiated lump sum.

10.3.2 On the basis of the cost of the Work, determined as provided in Sections 10.4 and 10.5, plus a mutually agreed upon fee to the CONTRACTOR to cover overhead and profit.

10.4 The term cost of the Work means the sum of all direct costs necessarily incurred and paid by the CONTRACTOR in the proper performance of the Work. Except as otherwise may be agreed to in writing by CITY, such costs shall be in amounts no higher than those prevailing in Miami-Dade County, shall include only the following items and shall not include any of the costs itemized in Paragraph 10.5.

10.4.1 Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the Work described in the Change Order under schedules of job classifications agreed upon by CITY and CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall be limited to salaries and wages, plus the costs of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing Work after regular working hours, on Sunday or legal holidays shall be included in the above only if authorized by CITY.

10.4.2 Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage, and manufacturers' field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless CITY deposits funds with CONTRACTOR with which to make payments in which case the cash discounts, shall accrue to the CITY. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to CITY, and CONTRACTOR shall make provisions so that they may be obtained.

10.4.3 Payments made by CONTRACTOR to the Subcontractors for Work performed by Subcontractors. If required by CITY, CONTRACTOR shall

obtain competitive bids from Subcontractors acceptable to him and shall deliver such bids to CITY who will then determine which Bids will be accepted. If a Subcontract provides that the Subcontractor is to be paid on the basis of Cost of Work plus a fee, the cost of the Work shall be determined in accordance with paragraphs 10.4 and 10.5.

- 10.4.4** Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or others in accordance with rental agreements approved by CITY with the advice of CONTRACTOR, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof - all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.
- 10.4.5** Sales, use or similar taxes related to the Work, and for which CONTRACTOR is liable, imposed by any governmental authority.
- 10.4.6** Payments and fees for permits and licenses. Costs for permits and licenses must be shown as a separate item.
- 10.4.7** The cost of utilities, fuel, and sanitary facilities at the site.
- 10.4.8** Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage, and similar petty cash items in connection with the Work.
- 10.4.9** Cost of premiums for additional Bonds and Insurance required solely because of changes in the Work, not to exceed two percent (2%) of the increase in the Cost of the Work.
- 10.5** The term Cost of the Work shall not include any of the following:
 - 10.5.1** Payroll costs and other compensation of CONTRACTOR's officers, executives, principals (of partnership and sole proprietorships), general managers, engineers, architects, estimators, lawyers, agents, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in his principal or a branch office for general administration of the Work and not specifically included in the schedule referred to in subparagraph 10.4.1 - all of which are to be considered administrative costs covered by the CONTRACTOR's fee.
 - 10.5.2** Expenses of CONTRACTOR's principal and branch offices other than his office at the site.
 - 10.5.3** Any part of CONTRACTOR's capital expenses, including interest on CONTRACTOR's capital employed for the Work and charges against CONTRACTOR for delinquent payments.
 - 10.5.4** Cost of premiums for all bonds and for all insurance policies whether or not

CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except as otherwise provided in subparagraph 10.4.9).

- 10.5.5** Costs due to the negligence of the CONTRACTOR, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective work, disposal of materials or equipment wrongly supplied and making good any damage to property.
- 10.5.6** Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in paragraph 10.4.
- 10.6** The CONTRACTOR's fee which shall be allowed to the CONTRACTOR for their overhead and profit shall be determined as follows:
- 10.6.1** In the event of an oversight or omission by the CONTRACTOR no compensation for overhead or profit will be provided; otherwise.
- 10.6.2** A mutually acceptable firm fixed price; or if none can be agreed upon.
- 10.6.3** A **ten percent (10%)** fixed fee based on the estimate of the various portions of the Cost of the Work.
- 10.7** The amount of credit to be allowed by the CONTRACTOR to the CITY for any such change which results in a net decrease in cost will be the amount of the actual net decrease. When both additions and credits are involved in any one change, the net shall be computed to include overhead and profit, identified separately, for both additions and credit, provided however, the CONTRACTOR shall not be entitled to claim lost profits for any Work not performed.
- 10.8** Whenever cost of any Work is to be determined pursuant to paragraphs 10.4 and 10.5, the CONTRACTOR will submit in form prescribed by CITY an itemized cost breakdown together with supporting data.

ARTICLE 11 – PAYMENTS AND COMPLETION

Payments to Contractor:

- 11.1** At least ten (10) days before each progress payment falls due (but not more often than once a month), the CONTRACTOR will submit to the CITY a partial payment estimate filled out and signed by the CONTRACTOR covering the Work performed during the period covered by the partial payment estimate and supported by such data as the CITY may reasonably require.

The CITY will within ten (10) days after receipt of each partial payment estimate, either indicate in writing their approval of payment and present the partial payment estimate to the CITY, or return the partial payment estimate to the CONTRACTOR, indicating in writing their reasons for refusing to approve payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the partial

payment estimate. The CITY, will within thirty (30) days of presentation to them of any approved partial payment estimate, pay the CONTRACTOR a progress payment on the basis of the approved partial payment estimate. The CITY may retain ten percent (10%) of the amount of each payment until final completion and acceptance of all Work covered by the Contract Documents. On completion and acceptance of a part of the Work on which the price is stated separately in the Contract Documents, payment may be made in full, including retained percentages, less authorized deductions. Any interest earned on the retainage shall accrue to the benefit of the CITY.

- 11.2** The CITY shall have the right to demand and receive from the CONTRACTOR, before he shall receive final payment, final releases of lien executed by all persons, firms or corporations who have performed or furnished labor, services or materials, directly or indirectly, used in the Work. Likewise, as a condition to receiving any progress payment, the CITY may require the CONTRACTOR to furnish partial releases of lien executed by all persons, firms and corporations who have furnished labor, services or materials incorporated into the Work during the period of time for which the progress payment is due, releasing such lien rights as those persons, firms or corporations may have for that period.

Contractor's Warranty of Title:

- 11.3** The CONTRACTOR warrants and guarantees that title to all Work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, will have passed to the CITY prior to the making of the Application for Payment, free and clear of all liens, claims, security interest and encumbrances (hereafter in these General Conditions referred to as "Liens"); and that no Work, materials or equipment covered by an Application for Payment will have been acquired by the CONTRACTOR or by any other person performing the Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.

Acceptance of Final Payment as Release:

- 11.4** The Acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the CITY and a waiver of all claims and all liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with the Work and for every act and neglect of the CITY and others relating to or arising out of this Work. Any payment, however, final or otherwise, shall not release the CONTRACTOR of their sureties from any obligations under the Contract Documents or the Performance Bond and Payment Bonds.

ARTICLE 12 – SUSPENSION OF WORK AND TERMINATION

- 12.1** The CITY may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety (90) days by notice in writing to the CONTRACTOR which shall fix the date on which Work shall be resumed. For

suspensions longer than ninety (90) days, The CONTRACTOR will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if they make a claim therefore as provided in Articles 11 and 12.

Work During Inclement Weather:

- 12.2** No Work shall be done under these specifications except by permission of the CITY when the weather is unfit for good and careful Work to be performed. Should the severity of the weather continue, the CONTRACTOR upon the direction of the CITY, shall suspend all Work until instructed to resume operations by the CITY and the Contract Time pursuant to Section 12.7 shall be extended to cover the duration of the order.

City May Terminate:

- 12.3** If the CONTRACTOR is adjudged bankrupt or insolvent, or if they make a general assignment for the benefit of their creditors, or if a trustee or receiver is appointed for the CONTRACTOR or for any of their property, or if they file a petition to take advantage of any debtor's act, or to reorganize under bankruptcy or similar laws, or if they repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if they repeatedly fail to make prompt payments to Subcontractors or for labor, materials or equipment or they disregards laws, ordinances, rules, regulations or orders of any public body having jurisdiction, or if they disregard the authority of the CITY, or if they otherwise violate any provision of the Contract Documents, then the CITY may, without prejudice to any other right or remedy and after giving the CONTRACTOR and their surety seven (7) days written notice, terminate the services of the CONTRACTOR and take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the CONTRACTOR, and finish the Work by whatever method they may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR will pay the difference to the CITY. Such costs incurred by the CITY will be determined by the CITY and incorporated in a Change Order.

If after termination of the CONTRACTOR under this Section, it is determined by a court of competent jurisdiction for any reason that the CONTRACTOR was not in default, the rights and obligations of the CITY and the CONTRACTOR shall be the same as if the termination had been issued pursuant to Section 12.5.

- 12.4** Where the CONTRACTOR'S services have been so terminated by the CITY said termination shall not affect any rights of the CITY against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys by the CITY due the CONTRACTOR will not release the CONTRACTOR from liability.
- 12.5** Upon seven (7) days written notice to the CONTRACTOR, the CITY may, without cause and without prejudice to any other right or remedy, elect to terminate the

Agreement. In such case, the CONTRACTOR shall be paid for all Work executed and accepted by the CITY as of the date of the termination. No payment shall be made for profit for Work which has not been performed.

Removal of Equipment:

- 12.6** In the case of termination of this Contract before completion for any cause whatever, the CONTRACTOR, if notified to do so by the CITY, shall promptly remove any part or all of his equipment and supplies from the property of the CITY. Should the CONTRACTOR not remove such equipment and supplies, the CITY shall have the right to remove them at the expense of the CONTRACTOR. Equipment and supplies shall not be construed to include such items for which the CONTRACTOR has been paid in whole or in part.

Contractor May Stop Work or Terminate:

- 12.7** If, through no act or fault of the CONTRACTOR, the Work is suspended for a period of more than ninety (90) days by the CITY or under an order of court of other public authority, or the CONTRACTOR fails to act on any Application for Payment within thirty (30) days after it is submitted, or the CITY fails to pay the CONTRACTOR any sum approved by the CITY, within thirty (30) calendar days of its approval, and presentation, then the CONTRACTOR may, upon twenty (20) calendar days written notice to the CITY, terminate the Agreement. The CITY may remedy the delay or neglect within the twenty (20) calendar days' time frame. If timely remedied by the CITY, the Contract shall not be considered terminated. In lieu of terminating the Agreement, if the CITY has failed to act on an Application for Payment or the CITY has failed to make any payment as aforesaid, the CONTRACTOR may upon ten (10) calendar days' notice to the CITY and the CONTRACTOR stop the Work until they have been paid all amounts then due. If the CONTRACTOR stops neither by default nor by non-payment from the CITY, the CONTRACTOR will be responsible for 100% of the difference between the total of his/her Bid and the second lowest Bid.

ARTICLE 13 - CONTRACTOR'S GENERAL WARRANTY AND GUARANTEE

- 13.1** CONTRACTOR warrants and guarantees to CITY all Work shall be in accordance with the Contract Documents and will not be defective.
- 13.2** CONTRACTOR'S obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of CONTRACTOR'S obligation to perform the Work in accordance with the Contract Documents:
- 13.2.1** Observations by CITY or CITY'S REPRESENTATIVE, based on the recommendation of the ARCHITECT or ENGINEER;
- 13.2.2** Payment by CITY of any progress or final payment;
- 13.2.3** The issuance of a certificate of Substantial Completion, certificate of Final Completion, or any payment related thereto by CITY;
- 13.2.4** Use or occupancy of the Work or any part thereof by CITY;

13.2.5 Any acceptance by CITY or any failure to do so.

13.2.6 Any review and approval of a Submittal or the issuance of a notice of acceptability by the CITY'S REPRESENTATIVE.

13.2.7 Any inspection, test, or approval by others; or

13.2.8 Any correction of defective Work by CITY.

13.3 Access to Work:

The CITY'S REPRESENTATIVE, ARCHITECT or ENGINEER and other representatives of CITY, testing agencies and governmental agencies with jurisdictional interests shall have access to the Work at reasonable times for their observation, inspecting and testing. CONTRACTOR shall provide proper and safe conditions for such access.

13.4 Tests and Inspection:

13.4.1 CONTRACTOR shall give CITY timely notice of readiness of the Work for all required inspections, tests, observations, or approvals. Inspections, tests or observations by the CITY'S REPRESENTATIVE, the ARCHITECT or ENGINEER, CITY or its agents may be performed at its discretion to provide information to the CITY on the progress of the Construction. However such information is not intended to fulfill the CONTRACTOR'S obligations in accordance with the Contract Documents.

13.4.2 CONTRACTOR shall assume full responsibility, pay all costs in connection therewith and furnish CITY the required certificates of inspection, testing or approval for all materials, equipment or the Work or any part thereof unless otherwise specified herein.

13.5 Uncovering the Work:

If any Construction that is to be inspected, tested, or approved is covered without written concurrence of CITY'S REPRESENTATIVE, it must, if requested by CITY or the CITY'S REPRESENTATIVE, be uncovered for observation. Such uncovering shall be at CONTRACTOR'S expense and will exclude the right to an increase in the Contract Price or Contract Time unless CONTRACTOR has given CITY or the CITY'S REPRESENTATIVE timely written notice of CONTRACTOR'S intention to cover such Construction and CITY, or the CITY'S REPRESENTATIVE has not acted with reasonable promptness in response to such notice.

13.5.1 If CITY considers it necessary or advisable that covered Work be observed by CITY'S REPRESENTATIVE or the ARCHITECT or ENGINEER, or inspected or tested by others, CONTRACTOR, at CITY'S request, shall uncover, expose or otherwise make available for observation, inspection or testing as CITY may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, CONTRACTOR shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services and any additional expenses experienced by the CITY due to delays to others performing

additional work, other contractual obligations, and CITY shall be entitled to issue an appropriate deductive Change Order. CONTRACTOR shall further bear the responsibility for maintaining the schedule and will not be allowed an increase in Contract Price or Contract Time due to the uncovering. If, however, such Construction is not found to be defective, and Section 00700.8.5 is not applicable, CONTRACTOR shall be allowed an increase in the Contract Price or the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction if it makes a claim therefore as provided in the Contract Documents.

13.6 CITY May Stop the Work:

If the Work is defective, or CONTRACTOR fails to supply sufficient skilled workers or suitable materials or equipment, or fails to furnish or perform the Work in such a way that the completed Work will conform to the Contract Documents, CITY may order CONTRACTOR to stop the Work, or any portion thereof, until the cause for such failure has been eliminated; however, this right of CITY to stop the Work shall not give rise to any duty on the part of CITY to exercise this right for the benefit of CONTRACTOR or any other party. CONTRACTOR shall not be allowed an increase in Contract Price or the Contract Time or both as a result of the stopping of Work under this section.

13.7 Correction or Removal of Defective Work:

If required by the CITY'S REPRESENTATIVE, with the recommendation of the ARCHITECT and/or ENGINEER, CONTRACTOR shall promptly, as directed, either correct all defective Work, whether or not fabricated, installed or completed, or, if the Work has been rejected by the CITY'S REPRESENTATIVE, upon the recommendation of the ARCHITECT or ENGINEER, remove it from the site and replace it with non-defective Work. CONTRACTOR shall bear all direct, indirect and consequential costs of such correction or removal (including but not limited to fees and charges of the CITY'S REPRESENTATIVE, the ARCHITECT or ENGINEER, attorneys and other professionals) made necessary thereby.

13.8 One Year Correction Period:

Without prejudice to any other right of the City, if within one (1) year after the date of final completion or within any designated manufacturer's warranty, whichever is greater, or such longer period of time as may be prescribed by laws or regulations or by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any Work is found to be defective, CONTRACTOR shall promptly, without cost to CITY and in accordance with CITY'S written instructions, either correct such defective Work, or, if it has been rejected by CITY or the CITY'S REPRESENTATIVE, based on the recommendation of the ARCHITECT or ENGINEER, remove it from the site and replace it with non-defective Work. If CONTRACTOR does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, CITY may have the defective Work corrected or the rejected Work removed and replaced, and all of the CITY'S direct, indirect and consequential costs of such removal and replacement (including but not limited to fees and charges of the ARCHITECT or ENGINEER) will be reimbursed by CONTRACTOR. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may

start to run from an earlier date if so, provided in the Specifications or by written amendment.

- 13.9** CITY shall reserve and retain all of its rights and remedies at law and equity against CONTRACTOR and its surety for damages and for corrections of any and all latent defects.

13.10 Extended Warranty Period Due to Defective Construction:

Any defective Construction that is either corrected or rejected and replaced will be warranted and guaranteed for a period of one (1) year from the date of acceptance of such correction or removal and replacement, even if it had previously been corrected or replaced, in accordance with the provisions of this Article 12. If within such extended Warranty Period, the Work is once again found to be defective, CITY shall be entitled to all of CITY'S rights and remedies under this Article.

ARTICLE 14 – MISCELLANEOUS

- 14.1** Whenever any provision of the Contract Documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to them who gives the notice.
- 14.2** The Contract Documents shall remain the property of the CITY. The CONTRACTOR and the CONTRACTOR shall have the right to keep one record set of the Contract Documents upon completion of the Project.
- 14.3** The duties and obligations imposed by these General Conditions, Special Conditions and Supplemental Conditions and the rights and remedies available hereunder, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR and those in the Special Conditions and the rights and remedies available to the CITY and there under, shall be in addition to, and shall not be construed in any way as a limitation of, any rights and remedies available by law, by special guarantee or by other provisions of the Contract Documents.
- 14.4** Should the CITY or the CONTRACTOR suffer injury or damage to its person or property because of any error, omission, or act of the other or of any of their employees or agents or others for whose acts they are legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

ARTICLE 15 – WAIVER OF JURY TRIAL

- 15.1** The CITY and the CONTRACTOR knowingly, irrevocably voluntarily and intentionally waive any right either may have to a trial by jury in State or Federal Court proceedings in respect to any action, proceeding, lawsuit or counterclaim based upon the Contract Documents or the performance of the Work thereunder.

ARTICLE 16 – ATTORNEYS FEES/JURISDICITON/VENUE/GOVERNING LAW

- 16.1** The Contract shall be construed in accordance with and governed by the law of the State of Florida.
- 16.2** The parties submit to the jurisdiction of any Florida State or federal court in any action or proceeding arising out of or relating to the Contract. Venue of any action to enforce the Contract shall be in Dade County, Florida.
- 16.3** If either the CITY or the CONTRACTOR is required to enforce the terms of the Contract by court proceedings, the prevailing party shall be entitled to recover from the other party all such costs and expenses, including, but not limited to, court costs, and reasonable attorney's fees.

ARTICLE 17 – PROJECT RECORDS

- 17.1** The CITY shall have right to inspect and copy during regular business hours at CITY'S expense, the books and records and accounts of CONTRACTOR which relate in any way to the Project, and to any claim for additional compensation made by CONTRACTOR, and to conduct an audit of the financial and accounting records of CONTRACTOR which relate to the Project. CONTRACTOR shall retain and make available to CITY all such books and records and accounts, financial or otherwise, which relate to the Project and to any claim for a period of three (3) years following final completion of the Project. During the Project and the three (3) year period following final completion of the Project, the CONTRACTOR shall provide the CITY access to its books and records upon five (5) days written notice.

ARTICLE 18 – SEVERABILITY

- 18.1** If any provision of the Contract or the application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of the Contract, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

ARTICLE 19 – INDEPENDENT CONTRACTOR

- 19.1** The CONTRACTOR is an independent CONTRACTOR under the Contract. Services provided by the CONTRACTOR shall be by employees of the CONTRACTOR and subject to supervision by the CONTRACTOR, and not as officers, employees, or agents of the CITY. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies and other similar administrative procedures, applicable to services rendered under the Contract shall be those of the CONTRACTOR.

ARTICLE 20 – TRENCH SAFETY ACT

- 20.1** The purpose and intention of the State of Florida "Trench Safety Act" is to provide for increased worker safety by requiring compliance with sufficient standards for trench safety when the excavation is in excess of five (5) feet deep.

SECTION 00720 SUPPLEMENTAL GENERAL TERMS AND CONDITIONS

- 7.1 The CONTRACTOR shall at all times ensure that the work site is maintained in a clean and orderly fashion. As soon as the work in any one locality is completed, the accumulated rubbish or surplus materials shall be promptly removed. The CONTRACTOR shall also restore all public and private property in a manner acceptable to the Engineer, to a condition equal to or better than pre-construction conditions. This shall apply to public and private property which has been displaced or damaged during the prosecution of the work, and the CONTRACTOR shall leave the site and vicinity unobstructed and in a neat and presentable condition.
- 7.2 Protection of existing utilities, structures, and other facilities: The underground pipes, utilities and structures shown on the Plans are located according to the best information available but may vary by several feet from both the position and elevation shown. The CONTRACTOR shall explore far enough ahead of his work to determine the exact location and condition of such utilities, structures, or facilities so that, before the pipe is installed, the Engineer may change the line or grade of the pipe or other facility, should that become necessary to avoid a conflict. Should this exploration reveal that adjustments to the work are necessary; the CONTRACTOR shall immediately notify the Engineer and coordinate with him to adjust the work in a timely fashion avoiding delays to construction. No request for additional compensation or Contract time (**except for a non- compensable time extension at the sole discretion of the Engineer, whose decision shall be final**) resulting from encountering utilities or structures not shown, or differing in location or elevation from that shown, will be considered. The CONTRACTOR shall explore sufficiently ahead of the Work to allow time for any necessary adjustments without delay to the progress of the installation. Costs due to delays occasioned by encountering underground utilities or structures which could have or should have been discovered by timely exploration ahead of the Work shall rest solely with the CONTRACTOR.
- 7.3 All cost for changing the grade of the proposed “new installation” downward two feet-six inches or less in order to clear obstructions located differently than shown on the Plans, or to clear obstructions located differently than shown on the Plans but the location of which could have become known or should have become known by proper observation of field conditions or the proper exploratory procedure, shall be included in the prices bid under the various items of the Proposal and no additional compensation will be allowed.
- 7.4 All pipes, sewers, drains and other pipe, cables, or conduits, and all other obstructions, whether or not shown, shall be temporarily removed from, or supported during excavation. It is intended that wherever piping systems or utilities such as water, wastewater, air, chemical, electrical or other service lines must be crossed, deflection of the pipe within recommended limits and cover shall be used to satisfactorily clear the obstruction unless otherwise indicated on the plans. The CONTRACTOR shall be held responsible for any damage to such installations and

shall restore them to service immediately.

- 7.5** Changing the grade of the proposed main by rising deflections, or the alignment by horizontal deflections, will not be considered as extra work, or extra cost, to the CONTRACTOR, and in some cases a credit to the Department may be warranted.
- 7.6** Relocation of existing utilities: The relocation of existing utilities, as noted on the Plans, or for the convenience of the CONTRACTOR shall be the responsibility of the CONTRACTOR. This work shall be completed by either the forces of the existing utility or the CONTRACTOR's forces at the discretion of the responsible utility. If the work is to be performed by the CONTRACTOR, all work shall be done in accordance with the utility company's requirements. Under no circumstances shall the CONTRACTOR be authorized extra payment for this work, and all cost for the relocation shall be the responsibility of the CONTRACTOR.
- 7.7** The CONTRACTOR shall also be responsible for the coordination of all existing utility relocations with the appropriate utilities. Where temporary supports or protective encasements are required during the construction, the CONTRACTOR shall be responsible for this work at no additional cost.
- 7.8** Any conflicts between the field investigation and the information shown on the plans shall be brought to the immediate attention of the Engineer.

SECTION 00810 – SPECIAL CONDITIONS

8.1 Permit/Utilities:

The CONTRACTOR shall obtain all permits necessary to conduct this project. The cost of all permits should be included on the bid proposal. If more than 1 Acre of land is disturbed during construction the CONTRACTOR is responsible to obtain NPDES Stormwater permit coverage through the Florida Department of Environmental Protection (FDEP) Construction Generic Permit (CGP). Instructions to request and obtain a CGP can be found at: <http://www.dep.state.fl.us/water/stormwater/npdes/docs/cgp.pdf>. CONTRACTOR should submit the Notice of Intent (NOI) with the appropriate processing fees to the NPDES Stormwater Notices Center. CONTRACTOR must apply for permit coverage at least two days before construction begins. In addition, the CONTRACTOR shall clear utilities prior to conducting any work at each project site. CONTRACTOR shall adhere to any restrictions imposed by FPL for conducting work under power lines.

8.2 Hours of Work:

Contractor will perform work Monday through Friday, excluding City holidays, from 8:00 a.m. to 6:00 p.m. unless prior written approval is received from The City. The CONTRACTOR must comply with the CITY's Noise Ordinance, Ordinance No. 2006-23.

8.3 Disputes:

If any dispute concerning a question of fact arises under the Contract, other than termination for default or convenience, the CONTRACTOR and the CITY's responsible department for the administration of the Contract shall make good faith effort to resolve the dispute. If the dispute cannot be resolved by agreement, then the department with the advice of the City Attorney shall resolve the dispute and send a written copy of its decision to the CONTRACTOR, which shall be binding on both parties.

8.4 Default Provisions:

In case of default by the BIDDER or CONTRACTOR, the CITY procures the articles or services from other sources and hold the BIDDER or CONTRACTOR responsible for any excess costs occasioned or incurred thereby.

8.5 Assignment:

The CONTRACTOR shall not transfer or assign the performance required by this Bid without prior written consent of the City Manager. Any award issued pursuant to the Invitation to Bid and monies which may be due hereunder are not assignable except with prior written approval of the City Manager. Further, in the event that the majority ownership or control of the CONTRACTOR changes hands subsequent to the award of this Contract, the CONTRACTOR shall promptly notify the CITY in writing of such change in ownership or control at least thirty (30) days prior to such change and the CITY shall have the right to terminate the Contract upon sixty (60) days written notice, at the CITY's sole discretion.

8.6 Secondary/Other Vendors:

The CITY reserves the right in the event the primary vendor cannot provide an item(s)

or service(s) in a timely manner as requested, to seek other sources without violating the intent of the Contract.

8.7 Employees:

The CONTRACTOR shall be responsible for the appearance of all working personnel assigned to the project (clean and appropriately dressed at all times). Personnel must be able to supply proper identification at all times.

All employees of the CONTRACTOR shall be considered to be at all times the sole employees of the CONTRACTOR, under the CONTRACTOR's sole direction, and not an employee or agent of the City of Doral. The CONTRACTOR shall supply competent, suitably qualified, and capable employees and the CITY may require the CONTRACTOR to remove any employee it deems careless, incompetent, insubordinate or otherwise objectionable and whose presence on CITY property is not in the best interest of the CITY. The CITY shall not have any duty to implement or enforce such requirements.

Each employee of the CONTRACTOR shall be a citizen of the United States or an alien who has been lawfully admitted for permanent residence as evidenced by an Alien Registration Receipt Card. The CONTRACTOR agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965, (18 USC4082)(c)(2).

The "On Duty" supervisor must be able to adequately communicate with the City's representatives.

8.8 Subcontractors, Suppliers and Others:

Prior to the commencement of any work, the CONTRACTOR shall furnish, in writing to the CITY, the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. The CITY shall notify the CONTRACTOR, in writing, of any proposed person or entity to which CITY has an objection. The CONTRACTOR shall not contract with a proposed person or entity to which the CITY has made an objection. The CONTRACTOR shall not change a Subcontractor, person, or entity previously selected if the CITY makes objection to the change.

The CONTRACTOR shall be fully responsible to CITY for all acts and omissions of the CONTRACTOR, its employees, Sub-Contractors, suppliers, other persons directly or indirectly employed by its Sub-Contractors or suppliers, persons for whose acts any of them may be liable and any other persons or organizations performing or furnishing supplies under a direct or indirect Contract with the CONTRACTOR. Nothing in the Contract Documents shall create any contractual relationship between CITY and any such Sub- Contractor, supplier or other person or organization, nor shall it create any obligation on the part of CITY to pay or to cause the payment of any money due any Sub-Contractor, supplier, employee or agent except as may otherwise be required by law.

All Work performed for the CONTRACTOR by a Sub-Contractor will be pursuant to an appropriate agreement between the CONTRACTOR and the Sub-Contractor which

specifically binds the Sub-Contractor to all applicable terms and conditions of the Contract Documents for the benefit of the CITY.

8.9 Protection:

All work in fulfillment of this project shall be performed on CITY property or public right-of-way. No permission will be given to trespass on adjoining property.

If property (public or private) is damaged during construction or is removed for the convenience of the work, it shall be repaired or replaced at the expense of the CONTRACTOR in a manner acceptable to the City of Doral prior to the final acceptance of the work. Such property shall include but not be limited to: pavement, sidewalks, curbs, driveways, walls, fences, footings, building façade, underground utilities, sod, shrubs, water sprinklers, signs, and trees.

The CONTRACTOR shall notify the Public Works Department in writing of the site having pre-existing damage to sidewalks, curbs, facade, adjacent improvements, etc., before beginning work. Failure to do so shall obligate the CONTRACTOR to make repairs per above paragraph.

The CONTRACTOR shall be solely responsible for pedestrian and vehicular safety and control within the work site and shall provide the necessary warning devices, signage, barricades, and ground personnel needed to give safety, protection, and warning to persons and vehicular traffic within the area. All safety devices must have suitable and sufficient lighting for the prevention of accidents.

The CONTRACTOR shall protect existing catch basins from sediment and debris with filter fabric while work is in progress. Filter fabric shall be removed after completion of work. Filter fabric must be cleaned periodically to avoid excessive accumulation of sediment and debris. Extreme care shall be taken when removing filter fabric to avoid sediments and debris from entering catch basin.

8.10 Security:

The CONTRACTOR is responsible for project security. The CONTRACTOR shall protect and secure the site, materials, and equipment from theft and damage, by whatever means deems effective, at the CONTRACTOR's cost.

Work site(s) must be protected properly in accordance with all Federal, State, County and Municipal laws and ordinances, at the end of each work day and weekends.

8.11 Temporary Interruption:

The CONTRACTOR shall notify the Public Works Director whenever it is necessary to temporarily interrupt any business activities, the CONTRACTOR shall notify the Owner or tenant or their designee prior to the interruption and again immediately before the service is resumed. Before disconnecting any underground or overhead utilities, the CONTRACTOR shall make similar arrangements for their disconnection with the Owner, tenant or their designee. The CONTRACTOR shall be responsible for any damage caused by the CONTRACTOR to such utilities and shall restore them to service promptly as soon as the Work interruption has ended.

8.12 Pricing:

Prices should be stated in units of quantity specified in the Bid form. In case of a discrepancy, the CITY reserves the right to make the final determination at the lowest net cost to the CITY.

8.13 Delivery:

All items shall be delivered “Freight On Board” (F.O.B.) destination (i.e. at a specific City of Doral address), and delivery costs and charges (if any) shall be included in the Bid Price. Exceptions shall be noted.

8.14 Payments:

Payment will be made after commodities/services have been received, accepted, and properly invoiced as indicated in the contract and/or purchase order. Invoices must bear the purchase order number.

8.15 Non-Conformance to Contract:

The CITY may withhold acceptance of, or reject items which are found upon examination, not to meet the specification requirements. Upon written notification of rejections, items shall be removed within five (5) calendar days by the vendor at their own expense and redelivered at their expense. Rejected goods left longer than thirty (3) calendar days will be regarded as abandoned and the CITY shall have the right to dispose of them as its own property. Rejection for non-conformance or failure to meet delivery schedules may result in the CONTRACTOR being found in default.

8.16 Materials:

The CONTRACTOR warrants that all materials and equipment shall be of good quality and new, unless otherwise provided in the specifications and that the work will be free from defects whether patent or latent in nature. All materials and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned in accordance with the instructions of the applicable supplier except as otherwise provided in the specifications.

8.17 Storage of Materials:

The CONTRACTOR shall store materials, at his expense, in areas approved by the CITY. The CONTRACTOR, at their own expense, shall maintain these areas in a clean, orderly condition so as not to cause a nuisance in the area. The CONTRACTOR shall restore the storage area to its original or better condition, with all its appurtenances, in kind, to the satisfaction of the CITY, at the CONTRACTOR’s discretion, if the CONTRACTOR chooses to stage material outside of the designated area, with prior approval from the CITY.

8.18 Quality Control:

Field Observations - Provide twenty-four (24) hour notification to the Architect/Engineer for all specified field observations, unless otherwise noted.

Inspection – Periodically the City may inspect the project for the purpose of assuring compliance with the specifications.

Dust Control – Contractor shall control dust by watering and sweeping at end of each

work day or as directed by City Engineer. Dust control must meet City's satisfaction or City will control dust by whatever means deem necessary and Contractor shall pay all expenses incurred by the City associated with dust control.

8.19 On-Site Survey/As-Built:

The CONTRACTOR shall be responsible for survey work required for establishing proper layout, elevations and grades as noted on the plans. The CONTRACTOR shall provide the CITY with three (3) sets of certified as-built plans and a CD containing PDF copy of the As-Built drawings as well as the CAD files, at no additional cost to the CITY.

8.20 Water Usage:

All City potable water used during the project shall be metered through a hydrant meter or meters obtained from the Miami-Dade County Water and Sewer Department at the CONTRACTOR's expense.

8.21 Salvageable Material:

All salvageable material and/or equipment removed from the existing construction for which specific use, relocation or other disposal is not specifically noted on the Drawings or otherwise specified, will remain the property of the CITY and be turned over to the CITY. All material and/or equipment not in salvageable condition as determined by the CITY Representative must be disposed of by the CONTRACTOR. The actual storage site for salvageable material will be designated by the CITY.

8.22 Disposal of Excavated Material and Debris:

All excess excavated material and debris not required for backfill (unless otherwise noted), including broken pipe, sidewalks, curbs and other concrete items, together with all roots, boards and other debris are to be disposed of by the CONTRACTOR at an appropriate legal site, at no additional cost to the CITY.

The CONTRACTOR must at all times during the performance of the project keep the work site free and clear of all waste and debris to the CITY's satisfaction. All sand, grit, solids and other material, accumulated waste or surplus materials shall be removed at the end of each work day.

The CONTRACTOR will have not more than 48-hour notice to clear work site of rubbish, debris and other work site materials and to restore or replace displaced or damaged property, if the CONTRACTOR fails to comply, the CITY may employ labor or equipment as it deems necessary to clear the site at the CONTRACTORS's expense.

8.23 Equipment:

All construction equipment necessary and required for construction of this project shall be on the construction site, in excellent working condition, before construction is permitted to start. The CONTRACTOR shall provide such tamping tools and equipment as are necessary for the proper compaction of the backfill material.

8.24 Density Testing:

Density tests shall be taken by an independent testing laboratory certified by the State of Florida and approved by the designated City representative and shall be paid for by Contractor, at no additional cost to the City. A compaction test, for both the base and subgrade, shall be performed for every section of new pavement and at least one (1) test for every 250 square yards of new pavement. In addition, density testing shall be performed for installation in swale areas at a frequency of one test per 50 feet of trench, or adjacent to newly installed inlets at the discretion of the City representative.

Compaction test reports of sub-grade and base rock shall be submitted for approval to the designated City representative prior to installation of final asphaltic wearing surface.

8.25 Laboratory Tests:

Except as otherwise provided, sampling and testing of all materials, and the laboratory methods and testing equipment required under these specifications shall be in accordance with the latest standards of the American Society for Testing Materials.

The CONTRACTOR shall furnish the required samples for testing without charge. The CONTRACTOR shall provide at least 24-hour notice when requesting testing to be performed. In locations where corings are taken by the approved testing lab, the CONTRACTOR shall be responsible for plugging these core holes.

All material tests will be made by an independent testing laboratory that may be selected by the CITY. Excluding Density Testing, where tests indicate that materials are in accordance with specified requirements, the CITY shall bear the testing cost. When tests reveal that conditions or materials do not comply with the specifications, the cost of such tests shall be assessed against the CONTRACTOR.

8.26 Notification to Residents:

Contractor shall notify residents directly impacted by the project (including MOT), in writing, 72 hours prior to performing any work. Notification must include type of work to be performed; date work will begin and estimated completion date. In the event Contractor changes schedule or duration of work, Contractor must notify resident, in writing, of such changes. Contractor must provide a copy of all notifications to the City.

END OF SECTION

GENERAL FORMS

REQUIRED FORMS / DELIVERABLES

THE FOLLOWING MATERIALS ARE CONSIDERED ESSENTIAL AND NON-WAIVABLE FOR ANY RESPONSE TO AN INVITATION TO RFP.

BIDDERS SHALL SUBMIT THE SUBSEQUENT FORMS IN THE EXACT SEQUENCE PROVIDED, INCLUDING INSERTION OF DOCUMENTS WHERE SPECIFIED.

LIST OF ATTACHED FORMS:

- Bid Submittal Form
- ITB Reference Survey
- Solicitation Response Form
- Statement of No Response
- Bidder Information Worksheet
- Bidder Qualification Statement
- Business Entity Affidavit
- Non-Collusion Affidavit
- No Contingency Affidavit
- Americans with Disabilities Act (ADA) (Disability Non-Discrimination Statement)
- Public Entity Crimes (Sworn Statement)
- Drug Free Workplace Program
- Copeland Act Anti-Kickback Affidavit
- Equal Employment Opportunity Certification
- Cone of Silence Certification
- Tie Bids Certification
- Bidder/ Proposer Certification
- Certificate of Authority
- Acknowledgement of Conformance with OSHA Standards
- [IRS Form W-9](#) - Request for Taxpayer Identification Number and Certification



CITY OF DORAL PROCUREMENT
ITB REFERENCE SURVEY
RFP. NO. 2021-19

NW 82 Street and NW 114 Avenue Traffic Signal (FM 447310)

FROM:		TO: PROCUREMENT MANAGER
COMPANY:		DUE DATE: October 15th, 2021
PHONE NO.:		TOTAL #. OF PAGES: 1
FAX NO.		PH. #: 305-593-6725 EXT. 4003 / 4006
EMAIL:		EMAIL: procurement@cityofdoral.com
SUBJECT:	Reference for NW 82 Street and NW 114 Avenue Traffic Signal (FM 447310)	
<p>You as an individual or Your company has been given to us as a point of contact for a reference on a project completed for you (identified above). Description of City Project:</p> <p style="margin-left: 40px;">❖ The City of Doral desires to retain the services of a qualified General Contractor to construct a new traffic signal at the intersection of NW 82 Street and NW 114 Avenue, within the City of Doral, to include Maintenance of Traffic, clearing and grubbing, installation of mast arms, traffic signals, and roadway signing and pavement markings.</p> <p style="margin-left: 40px;">❖</p> <p>A complete copy of the solicitation document can be obtained via the City of Doral's Procurement webpage at the link below. City of Doral - Bid Opportunities</p>		
<p>Name of Company you are providing a reference for:</p> <p>_____</p>		
		Indicate:
		“YES” or “NO”
1. Was the scope of work performed similar in nature?		
2. Did this company have the proper resources and personnel by which to get the job done?		
3. Were any problems encountered with the company's work performance?		
4. Were any change orders or contract amendments issued, other than owner initiated?		
5. Was the job completed on time based on the original established timeline, not including change orders?		
6. Was the job completed within budget based on the original established budget, not including change orders?		
7. On a scale of one to ten (1-10), ten being best, how would you rate the overall work performance, considering professionalism, final product, personnel, resources. Rate from 1 to 10 (10 being the highest)		
8. If the opportunity were to present itself, would you rehire this company?		
9. Please provide any additional comments pertinent to this company and the work performed for you:		
<p>PLEASE COMPLETE AND RETURN TO THE ATTENTION OF:</p> <p>Tanya Donigan – Procurement@cityofdoral.com</p> <p>Subject: Reference for ITB No. 2021-19</p>		
<p>_____</p> <p>Reference Print Name</p>		
<p>_____</p> <p>Reference Title</p>		<p>_____</p> <p>Reference Signature</p>

STATEMENT OF NO RESPONSE

ITB No. 2021-19

If you are not proposing on this service/commodity, please complete and return this form to City of Doral Procurement at procurement@cityofdoral.com. Failure to respond may result in deletion of your firm's name from the qualified vendor list for the City of Doral.

COMPANY NAME: _____

ADDRESS: _____

TELEPHONE: _____

SIGNATURE: _____

DATE: _____

We, the undersigned have declined to submit a Bid on the above because of the following reasons:

- _____ Specifications/Scope of Work too "tight", i.e., geared toward brand or manufacturer only (explain below)
- _____ Insufficient time to respond
- _____ We do not offer this product, service or an equivalent
- _____ Our schedule would not permit us to perform
- _____ Unable to meet bond requirements
- _____ Specifications unclear (explain below)
- _____ Other (specify below)

REMARKS:

BIDDER INFORMATION WORKSHEET
ITB No. 2021-19

COMPANY/AGENCY/FIRM NAME: _____

ADDRESS: _____

BUSINESS EMAIL ADDRESS: _____

PHONE No.: _____

CONTACT PERSON: _____ **TITLE:** _____

CONTACT EMAIL ADDRESS: _____ **PHONE No.:** _____

BUSINESS HOURS: _____

BUSINESS LEGAL STATUS: (circle one) CORPORATION / PARTNERSHIP/ JOINT VENTURE / LLC

BUSINESS IS A: (circle one) PARENT / SUBSIDIARY / OTHER _____

DATE BUSINESS WAS ORGANIZED/INCORPORATED: _____

ADDRESS OF OFFICE WHERE WORK IS TO BE DONE FOR THIS PROJECT

(if different from address provided above):

INDIVIDUALS(S) AUTHORIZED TO MAKE REPRESENTATIONS FOR THE BIDDER:

_____ (First, Last Name)	_____ (Title)	_____ (Contact Phone Number)
-----------------------------	------------------	---------------------------------

_____ (First, Last Name)	_____ (Title)	_____ (Contact Phone Number)
-----------------------------	------------------	---------------------------------

_____ (First, Last Name)	_____ (Title)	_____ (Contact Phone Number)
-----------------------------	------------------	---------------------------------

SIGNATURE: _____ **DATE:** _____

PRINT NAME: _____

BIDDER QUALIFICATION STATEMENT

ITB No. 2021-19

The Bidder's response to this questionnaire will be utilized as part of the City's overall Bid Evaluation to ensure that the Bidder meets, to the satisfaction of the City of Doral, the minimum requirements for participating in this solicitation.

The following minimum experience is required for this project as specified in Section 2.

ON THE FORM BELOW, BIDDER MUST PROVIDE DETAILS FULFILLING ABOVE MINIMUM EXPERIENCE REQUIREMENTS. IT IS MANDATORY THAT BIDDERS USE THIS FORM IN ORDER TO INDICATE THAT THE MINIMUM EXPERIENCE REQUIREMENT IS MET. NO EXCEPTIONS WILL BE MADE.

1. Project Name/Location _____
Owner Name _____
Contact Person _____
Contact Telephone No. _____
Email Address: _____
Yearly Budget/Cost _____
Dates of Contract From: _____ To: _____
Project Description _____

2. Project Name/Location _____
Owner Name _____
Contact Person _____
Contact Telephone No. _____
Email Address: _____
Yearly Budget/Cost _____
Dates of Contract From: _____ To: _____

	Project Description	_____

3.	Project Name/Location	_____
	Owner Name	_____
	Contact Person	_____
	Contact Telephone No.	_____
	Email Address:	_____
	Yearly Budget/Cost	_____
	Dates of Contract	From: _____ To: _____
	Project Description	_____

4.	Project Name/Location	_____
	Owner Name	_____
	Contact Person	_____
	Contact Telephone No.	_____
	Email Address:	_____
	Yearly Budget/Cost	_____
	Dates of Contract	From: _____ To: _____
	Project Description	_____

5.	Project Name/Location	_____
	Owner Name	_____
	Contact Person	_____
	Contact Telephone No.	_____
	Email Address:	_____
	Yearly Budget/Cost	_____
	Dates of Contract	From: _____ To: _____
	Project Description	_____

END OF SECTION

BUSINESS ENTITY AFFIDAVIT
(VENDOR / BIDDER DISCLOSURE)
ITB No. 2021-19

I, _____, being first duly sworn state:
The full legal name and business address of the person(s) or entity contracting or transacting business with the City of Doral ("City") are (Post Office addresses are not acceptable), as follows:

FEDERAL EMPLOYER IDENTIFICATION NUMBER (IF NONE, SOCIAL SECURITY NUMBER)

Name of Entity, Individual, Partners, or Corporation

Doing business as, if same as above, leave blank

STREET ADDRESS SUITE CITY STATE ZIP CODE

OWNERSHIP DISCLOSURE AFFIDAVIT

1. If the contact or business transaction is with a corporation, the full legal name and business address shall be provided for each officer and director and each stockholder who holds directly or indirectly five percent (5%) or more of the corporation's stock. If the contract or business transaction is with a trust, the full legal name and address shall be provided for each trustee and each beneficiary. All such names and addresses are (Post Office addresses are not acceptable), as follows:

<u>Full Legal Name</u>	<u>Address</u>	<u>Ownership</u>
_____	_____	_____%
_____	_____	_____%
_____	_____	_____%

2. The full legal names and business address of any other individual (other than subcontractors, material men, suppliers, laborers, or lenders) who have, or will have, any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction with the City are (Post Office addresses are not acceptable), as follows:

Signature of Affiant

Date

Printed Name of Affiant

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____(year), by _____

Personally known _____

OR

Produced identification _____

Notary Public-State of _____

Type of Identification

My commission expires: _____

Printed, typed, or stamped commissioned name of Notary Public

NON-COLLUSION AFFIDAVIT
ITB No. 2021-19

State of _____)
) SS
County of _____)

BEFORE ME, the undersigned authority, personally appeared _____, who, after being duly sworn, deposes and states that all of the facts herein are true:

- (1) He/She/They is/are the _____
(Owner, Partner, Officer, Representative or Agent) of _____,
the BIDDER that has submitted the attached Bid;
- (2) He/She/They is/are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said BIDDER nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm, or person to submit a collusive or sham Bid in connection with the Work for which the attached Bid has been submitted; or to refrain from bidding in connection with such Work; or have in any manner, directly or indirectly, sought by agreement or collusion, or communication, or conference with any BIDDER, firm, or person to fix any overhead, profit, or cost elements of the Bid or of any other BIDDER, or to fix any overhead, profit, or cost elements of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Work; and
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

FURTHER AFFIANT SAYETH NOT

By: _____

Print Name: _____

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____ (year), by _____

Personally known _____

OR

Produced identification _____

Notary Public-State of _____

_____ My commission expires: _____
Type of Identification

Printed, typed, or stamped commissioned name of Notary Public

NO CONTINGENCY AFFIDAVIT
ITB No. 2021-19

State of _____)
) SS
County of _____)

BEFORE ME, the undersigned authority, personally appeared _____, who, after being duly sworn, deposes and states that all of the facts herein are true:

- (1) He/She/They is/are _____ Owner, Partner, Officer, Representative or Agent) of _____, the BIDDER that has submitted the attached Bid;
- (2) Bidder warrants that neither it, nor any principal, employee, agent, representative or family member has promised to pay, and Firm has not, and will not; pay a fee the amount of which is contingent upon the City of Doral awarding this contract. Firm warrants that neither it, nor any principal, employee, agent, representative has procured, or attempted to procure, this contract in violation of any of the provisions of the Miami-Dade County conflict of interest and code of ethics ordinances; and
- (3) Further, Firm acknowledges that a violation of this warranty may result in the termination of the contract and forfeiture of funds paid, or to be paid, to the Firm, if the Firm is chosen for performance of the contract.

FURTHER AFFIANT SAYETH NOT

By: _____

Print Name: _____

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____ (year), by _____

Personally known _____

OR

Produced identification _____

Notary Public-State of _____

Type of Identification

My commission expires: _____

Printed, typed, or stamped commissioned name of Notary Public

AMERICANS WITH DISABILITIES ACT (ADA)
DISABILITY NONDISCRIMINATION STATEMENT
ITB No. 2021-19

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC
OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

This sworn statement is submitted to the City Of Doral, Florida

by: _____
(print individual's name and title)

for: _____
(print name of entity submitting sworn statement)

whose business address is: _____

and (if applicable) its Federal Employer Number (FEIN) is: _____

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____ - _____ - _____.)

I, being duly first sworn state:

That the above-named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any subcontractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 USC 1210112213 and 47 USC Sections 225 and 661 including Title I, Employment; Title II, Public Services; Title III, Public Accommodations and Services Operated by Private entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Section 553.501 553.513, Florida Statutes:

The Rehabilitation Act of 1973, 229 USC Section 794;

The Federal Transit Act, as amended 49 USC Section 1612;

The Fair Housing Act as amended 42 USC Section 3601-3631.

SIGNATURE

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____ (year), by _____

Personally known _____
OR

Produced identification_____

Notary Public-State of _____

_____ My commission expires: _____
Type of Identification

Printed, typed, or stamped commissioned name of Notary Public

SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a)
FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES
ITB No. 2021-19

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to _____
by _____
for _____
whose business address is _____
and (if applicable) its Federal Employer Identification number (FEIN) is _____
(IF the entity had no FEIN, include the Social Security Number of the individual signing this sworn statement: _____).
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any Bid or Contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Para. 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Para. 287.133(1)(a), Florida Statutes, means:
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. Any entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executors, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prime facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that a "person" as defined in Para. 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding Contract and which Bids or applies to Bid on Contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "persons" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of any entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Indicate which statement applies.)

____ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

____ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (Attach a copy of the final order.)

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES, FOR CATEGORY TWO OF ANY, CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

By: _____

(Printed Name)

(Title)

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____ (year), by _____

Personally known _____

OR

Produced identification _____

Notary Public-State of _____

Type of Identification

My commission expires: _____

Printed, typed, or stamped commissioned name of Notary Public

DRUG-FREE WORKPLACE PROGRAM
ITB No. 2021-19

The undersigned firm in accordance with Florida statute 287.087 hereby certifies that

does: _____
(Name of Firm)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform Employees about the dangers of drug abuse in the workplace, the business' policy of maintaining drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a conditions of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Name and Title

Date

Signature

Firm

Street address

City, State, Zip code

STATE OF _____ }
COUNTY OF _____ } SS:

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

ITB No. 2021-19

I, _____, _____
(Individual's Name) (Title)

of the _____, do hereby certify that
(Name of Company)

I have read and understand the Compliance with Equal Employment Opportunity requirements set forth below.

The Respondent shall comply with Title VII of the Civil Rights Act of 1964 42 U.S.C. Section 2000e et seq., Section 504 of the Rehabilitation Act of 1973 29 U.S.C Section 701 et seq., and Title I of the Americans with Disabilities Act, 42 U.S.C Section 12101 as of 1990 in that: No person in the United States shall on the grounds of race, creed, color, national origin, sex, age, political affiliation, beliefs or disability be subject to discrimination under any program or activity which the Respondent has agreed to undertake by and through the covenants, and provisions set forth in this Contract.

Attachment of this executed form, as such, is required to complete a valid bid.

Individual's Signature

Date

CONE OF SILENCE CERTIFICATION

ITB No. 2021-19

I, _____, _____
(Individual's Name) (Title)

of the _____, do hereby certify that
(Name of Company)

I have read and understand the terms set forth under section 8.7 of this document titled ‘Cone of Silence’.

Attachment of this executed form, as such, is required to complete a valid bid.

Individual's Signature

Date _____

I, _____, _____
(Individual's Name) (Title)

99

RESPONDENT'S CERTIFICATION

ITB No. 2021-19

I have carefully examined the Invitation to Bid, Instructions to Respondents, General and/or Special Conditions, Vendor's Notes, Specifications, proposed agreement, and any other documents accompanying or made a part of this Invitation to Bids.

I hereby propose to furnish the goods or services specified in the RFP. I agree that my Proposal will remain firm for a period of 365 days in order to allow the City adequate time to evaluate the Proposals.

I certify that all information contained in this Proposal is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this proposal on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

I further certify, under oath, that this proposal is made without prior understanding, agreement, connection, discussion, or collusion with any other person, firm or corporation submitting a Proposal for the same product or service; no officer, employee or agent of the City of Doral or any other Respondent is interested in said Respondent; and that the undersigned executed this Respondent's Certification with full knowledge and understanding of the matters therein contained and was duly authorized to do so.

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

Name of Business

The foregoing affidavit was acknowledged before me, by means of ☐ physical presence or ☐ online notarization, this ____ day of _____, _____(year), by _____

Signature

Name and Title, Typed or Printed

Mailing Address

City, State and Zip Code

Telephone Number

Notary Public

STATE OF _____

My Commission Expires

**CERTIFICATE OF AUTHORITY
(IF CORPORATION)**

STATE OF)
) SS:
COUNTY OF)

I HEREBY CERTIFY that a meeting of the Board of Directors of the

a Corporation existing under the laws of the State of _____, held
on _____, 20____, the following resolution was duly passed and adopted:

"RESOLVED, that, as President of the Corporation, be and is hereby authorized to execute the Bid dated,
_____, 20____, to the City of Doral and this Corporation and that their execution
thereof, attested by the Secretary of the Corporation, and with the Corporate Seal affixed, shall be the
official act and deed of this Corporation."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Corporation
this _____, day of _____, 20_____.

Secretary: _____

(SEAL)

**CERTIFICATE OF AUTHORITY
(IF PARTNERSHIP)**

STATE OF)
) SS:
COUNTY OF)

I HEREBY CERTIFY that a meeting of the Partners of the -

_____ a Corporation existing under the laws of the State of _____, held on _____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that, _____, as _____ of the Partnership, be and is hereby authorized to execute the Bid dated, _____ 20_____, to the City of Doral and this partnership and that their execution thereof, attested by the _____ shall be the official act and deed of this Partnership."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20_____.

Secretary: _____

(SEAL)

**CERTIFICATE OF AUTHORITY
IF JOINT VENTURE**

STATE OF)
) SS:
COUNTY OF)

I HEREBY CERTIFY that a meeting of the Principals of the _____ a corporation existing under the laws of the State of _____, held on _____, 20_____, the following resolution was duly passed and adopted:

"RESOLVED, that, _____ as _____ of the Joint Venture be and is hereby authorized to execute the Bid dated, _____ 20_____, to the City of Doral official act and deed of this Joint Venture."

I further certify that said resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand this _____, day of _____, 20_____.

Secretary: _____

(SEAL)

END OF SECTION

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as Principal in the foregoing Payment Bond; that _____, who signed the Bond on behalf of the Principal, was then _____ of said corporation; that I know his/her their signature; and his/her their signature thereto is genuine; and that said Bond was duly signed, sealed and attested to on behalf of said Corporation by authority of its governing body.

(CORPORATE SEAL)

(Name of Corporation)

END OF SECTION

**ACKNOWLEDGMENT OF CONFORMANCE
WITH OSHA STANDARDS**

To the City of Doral,

We _____, hereby acknowledge and
Prime Contractor

agree that we, as the Prime Contractor for City of Doral, **NW 82 Street and NW 114 Avenue Traffic Signal Improvements**, as specified, have the sole responsibility for compliance with all the requirements of the Federal Occupational Safety and Health Act of 1970, and all State and local safety and health regulations, and agree to indemnify and hold harmless the City of Doral, against any and all liability, claims, damages losses and expenses they may incur due to the failure of:

(Subcontractor's Names)

to comply with such act or regulation.

CONTRACTOR

ATTEST

BY: _____

END OF SECTION

SECTION 00420 - AWARD FOR IDENTICAL TIE BIDS

Identical tie bids shall be awarded by the City based on technical qualifications of the similar scope and budget. The City will select the Firm who demonstrates the most relevant work experience required for the Project based on previous work performed, similar projects completed, professional and consultant grades within the last five years.

In the event of a Tie Bid, the bidder that has completed the most projects of similar scope and budget, will be the bidder recommended for award.

Bidder's Signature

Print Name

Print Title

END OF SECTION

SECTION 00432 - BID BOND

STATE OF _____)

) SS:

COUNTY OF _____)

KNOW ALL MEN BY THESE PRESENTS, that we, _____, as Principal, and _____, as Surety, are held firmly bound unto the City of Doral, a municipal corporation of the State of Florida in the sum of _____ Dollars (\$ _____), lawful money of the United States, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying Bid dated, _____, 20____ for: _____.

WHEREAS, it was a condition precedent to the submission of said Bid that a or Bid Bond in the amount of five percent (5%) of the Base Bid be submitted with said Bid as a guarantee that the BIDDER would, if awarded the Contract, enter into a written Contract with the City for the performance of said Contract, within ten (10) consecutive calendar days after written notice having been given of the Award of the Contract.

NOW, THEREFORE, the conditions of this obligation are such that if the Principal within ten (10) consecutive calendar days after written notice of such acceptance, enters into a written Contract with the City of Doral and furnishes the Performance and Payment Bonds, satisfactory to the City, each in an amount equal to one hundred percent (100%) of the Contract Price, and provides all required Certificates of Insurance, then this obligation shall be void; otherwise the sum herein stated shall be due and payable to the City of Doral and the Surety herein agrees to pay said sum immediately, upon demand of the City, in good and lawful money of the United States of America, as liquidated damages for failure thereof of said Principal.

IN WITNESS WHEREOF, the above bonded parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and the corporate seal of each corporate party being hereto affixed and these presents being duly signed by its undersigned representative.

IN PRESENCE OF:

(Individual or Partnership Principal)

(Business Name) (SEAL)

(Business Address)

(City/State/Zip)

(Business Phone)

ATTEST:

(Corporate Surety) *

By: _____

*Impress Corporate Seal

IMPORTANT

Surety companies executing bonds must appear on the Treasury Department's most current list (circular 570 as amended) and be authorized to transact business in the State of Florida.

Signed, sealed and delivered in the presence of:

_____	By: _____
_____ (Printed Name)	_____ (Title)

ACKNOWLEDGMENT

State of Florida

County of _____

On this the _____ day of _____, 20____, before me, the undersigned Notary Public of the State of Florida, personally appeared

_____ and
(Name(s) of individual(s) who appeared before notary)

Whose name(s) is/are Subscribed to the within instrument, and he/she/they acknowledge that he/she/they executed it.

WITNESS in my hand and official seal.

NOTARY PUBLIC, STATE OF FLORIDA

NOTARY PUBLIC:

SEAL OF OFFICE:

(Name of Notary Public: Print, Stamp, or Type as Commissioned)

☐ Personally known to me, or

☐ Personally identification:

(Type of Identification Produced)

☐ Did take an oath, or

☐ Did NOT take an oath,

OPTIONAL INFORMATION:

Type of Document _____ Number of Pages: _____

Number of Signatures Notarized: _____

END OF SECTION

SECTION 00434 - LIST OF PROPOSED SUBCONTRACTORS

BIDDER shall list all Proposed Subcontractors to be used on this project if they are awarded the contract.

CLASSIFICATION
LICENSE #

SUBCONTRACTOR NAME, ADDRESS OF WORK AND

If, prior to Notice of the Award, the City or the Contractor has reasonable objection to and refuses to accept any Contractor, Supplier, person or organization listed, the BIDDER may, prior to Notice of Award, submit an acceptable substitute without an increase in their bid price.

END OF SECTION

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as Principal in the foregoing Payment Bond; that _____, who signed the Bond on behalf of the Principal, was then _____ of said corporation; that I know his/her their signature; and his/her their signature thereto is genuine; and that said Bond was duly signed, sealed and attested to on behalf of said Corporation by authority of its governing body.

(CORPORATE SEAL)

(Name of Corporation)

END OF SECTION

SECTION 00900 - ENVIRONMENTAL PROTECTION AND SPECIAL CONTROLS

PART 900 - GENERAL

900.1 SUMMARY

A. Section Includes:

1. Minimizing the pollution of air, water, or land; control of noise, the disposal of solid waste materials, and protection of deposits of historical or archaeological interest.

B. Related Specification Sections include but are not necessarily limited to:

1. Division 00 - Front Ends Documents.
2. Division 01 - General Requirements.

900.2 SUBMITTALS

A. Shop Drawings:

1. See Specification Section 01340 for requirements for the mechanics and administration of the submittal process.
2. Prior to the start of any construction activities submit:
 - a. A detailed proposal of all methods of control and preventive measures to be utilized for environmental protection.
 - b. A drawing of the work area, haul routes, storage areas, access routes and current land conditions including trees and vegetation.
 - c. A copy of the NPDES permit for storm water discharges from construction activities.
 - d. A copy of the approved pollution prevention plan.

PART 900.3 - PRODUCTS – (NOT APPLICABLE TO THIS SPECIFICATION SECTION)

PART 900.4 - EXECUTION

900.4.1 INSTALLATION

A. Employ and utilize environmental protection methods, obtain all necessary permits, and fully observe all local, state, and federal regulations including { }.

B. Land Protection:

1. Except for any work or storage area and access routes specifically assigned for the use of the CONTRACTOR, the land areas outside the limits of construction shall be preserved in their present condition.
 - a. CONTRACTOR shall confine his construction activities to areas defined for work within the Contract Documents.
2. Manage and control all borrow areas, work or storage areas, access routes and embankments to prevent sediment from entering nearby water or land adjacent to the work site.
3. Restore all disturbed areas including borrow and haul areas and establish permanent type of locally adaptable vegetative cover.
4. Unless earthwork is immediately paved or surfaced, protect all side slopes and backslopes immediately upon completion of final grading.
5. Plan and execute earthwork in a manner to minimize duration of exposure of unprotected soils.
6. Except for areas designated by the Contract Documents to be cleared and grubbed, the

CONTRACTOR shall not deface, injure or destroy trees and vegetation, nor remove, cut, or disturb them without approval of the Engineer.

- a. Any damage caused by the CONTRACTOR's equipment or operations shall be restored as nearly as possible to its original condition at the CONTRACTOR's expense.

C. Surface Water Protection:

1. Utilize, as necessary, erosion control methods to protect side and backslopes, minimize and the discharge of sediment to the surface water leaving the construction site as soon as rough grading is complete.

- a. These controls shall be maintained until the site is ready for final grading and landscaping or until they are no longer warranted, and concurrence is received from the Engineer.

- b. Physically retard the rate and volume of run-on and runoff by:

- 1) Implementing structural practices such as diversion swales, terraces, straw bales, silt fences, berms, storm drain inlet protection, rocked outlet protection, sediment traps and temporary basins.

- 2) Implementing vegetative practices such as temporary seeding, permanent seeding, mulching, sod stabilization, vegetative buffers, hydroseeding, anchored erosion control blankets, sodding, vegetated swales or a combination of these methods.

- 3) Providing Construction sites with graveled or rocked access entrance and exit drives and parking areas to reduce the tracking of sediment onto public or private roads.

2. Discharges from the construction site shall not contain pollutants at concentrations that produce objectionable films, colors, turbidity, deposits or noxious odors in the receiving stream or waterway.

D. Solid Waste Disposal:

1. Collect solid waste on a daily basis.

2. Provide disposal of degradable solid waste to an approved solid waste disposal site.

3. Provide disposal of nondegradable solid waste to an approved solid waste disposal site or in an alternate manner approved by Engineer and regulatory agencies.

4. No building materials wastes, or unused building materials shall be buried, dumped, or disposed of on the site.

E. Fuel and Chemical Handling:

1. Store and dispose of chemical wastes in a manner approved by regulatory agencies.

2. Take special measures to prevent chemicals, fuels, oils, greases, herbicides, and insecticides from entering drainage ways.

3. Do not allow water used in onsite material processing, concrete curing, cleanup, and other waste waters to enter a drainage way(s) or stream.

4. The CONTRACTOR shall provide containment around fueling and chemical storage areas to ensure that spills in these areas do not reach waters of the state.

F. Control of Dust:

1. The control of dust shall mean that no construction activity shall take place without applying all such reasonable measures as may be required to prevent particulate matter from becoming airborne so that it remains visible beyond the limits of construction.

- a. Reasonable measures may include paving, frequent road cleaning, planting vegetative groundcover, application of water or application of chemical dust suppressants.

- b. The use of chemical agents such as calcium chloride must be approved by the State of Florida DOT.

2. Utilize methods and practices of construction to eliminate dust in full observance of agency regulations.

3. The Engineer will determine the effectiveness of the dust control program and may request the

CONTRACTOR to provide additional measures, at no additional cost to Owner.

G. Burning:

1. Do not burn material on the site.
2. If the CONTRACTOR elects to dispose of waste materials by burning, decide for an off-site burning area and conform to all agency regulations.

H. Control of Noise:

1. Control noise by fitting equipment with appropriate mufflers.

I. Completion of Work:

1. Upon completion of work, leave area in a clean, natural looking condition.
2. Ensure all signs of temporary construction and activities incidental to construction of required permanent work are removed.

J. Historical Protection:

1. If during the course of construction, evidence of deposits of historical or archaeological interests is found, cease work affecting find and notify Engineer.
 - a. Do not disturb deposits until written notice from Engineer is given to proceed.
2. The CONTRACTOR will be compensated for lost time or changes in construction to avoid the find based upon normal change order procedures.

END OF SECTION

SECTION 00915 - CONCRETE DRIVEWAY, SIDEWALK, AND CURB & GUTTER REMOVAL & REPLACEMENT

Work covered under this Section covers the furnishing of all labor, equipment and material required for cutting, removing, protecting, and replacing all existing concrete driveways, sidewalks, and curb and gutter of the various types encountered, removed, or damaged under this Contract.

General Requirements

- A. CONTRACTOR shall be responsible for the protection from damage from his construction operations, all concrete driveways, sidewalk, and curb and gutter within the work area. If payment items are established in the Proposal for the removal and replacement of concrete driveway, sidewalk, and curb and gutter, payment will be made only if such items are encountered within the limits of the trench width plus 2 feet (shoulders) An concrete driveway, sidewalk, or curb and gutter beyond those limits, damaged as a result of the CONTRACTOR's operation, shall be restored in accordance with the applicable requirements of these Specifications, and to the satisfaction of the Engineer, at no additional cost to the City. In order to protect himself from being held liable for any existing damaged concrete driveways, sidewalks or curb and gutter, the CONTRACTOR is advised to notify in writing the authority having jurisdiction over the street where such damage exists prior to proceeding with any work in the vicinity. A copy of all such notices shall be forwarded to the Engineer.
- B. No payment will be made for removal and replacement of concrete driveway, sidewalk, or curb and gutter which falls outside the above described limits required for thrust blocks, and other appurtenant items, and the cost for such work shall be included in the price bid for the applicable item.
- C. If payment items have not been established in the Proposal for the removal and replacement of concrete driveways, sidewalks, and curb and gutter, the cost for such work shall be included in the overall Project cost bid. No other compensation will be provided.
- D. No form shall be set higher than the elevation of the adjacent concrete surface.
- E. As used herein, "driveway" shall mean concrete driveway, and "curb and gutter" shall mean free standing curb, gutter, or combination curb and gutter.
- F. All concrete shall be treated with a liquid curing compound, and in some cases, concrete colorant shall be required in order to match the color of the existing concrete being replaced. In each such case the curing compound, the colorant, and the color, shall meet with the approval of the Engineer and the municipality having jurisdiction over the work area. All additives to the concrete shall be applied in strict conformance with the recommendations of the manufacturer.
- G. The CONTRACTOR shall provide adequate means to protect each driveway, sidewalk, and curb and gutter installation from damage from vandals, animals, weather or other causes, until the concrete is hard. Should damage occur from such causes, the CONTRACTOR shall remove and replace the damaged item at his own expense.

915.1 Concrete Driveways

- A. Concrete driveways, and sidewalks crossing driveways, shall be restored in full sections or blocks rather than trench width plus two feet (shoulders), if the original construction was divided into such sections or blocks. The existing driveway (or sidewalk) shall be cut with an abrasive disc saw to

trim the edges to straight and true lines, with edges parallel and rectangular in plan. The interior concrete shall then be broken up and removed from the site.

- B. Driveways, and sidewalks crossing driveways, shall be replaced with a concrete slab having a minimum thickness of 6 inches. Steel reinforcement is not required unless the existing driveway (or sidewalk) is so reinforced, in which case the replaced driveway shall also be reinforced to match the existing.
- C. Such forms as are necessary shall be set up and the subgrade regarded for a slab 6 inches thick. The subgrade shall be thoroughly compacted and wet down prior to placing the concrete. The surface shall be given a surface and edging to match, as nearly as possible, that of the existing driveway (or sidewalk). The finish and edging shall be obtained through the use of screeds, trowels, edges and any other tool normally required by the trade in performing this kind of work.
- D. All forms for driveways (or sidewalks) including those for expansion joints, shall be metal and shall be clean and well-oiled prior to placing concrete. The forms shall be set in place far enough in advance of concrete placing for the Engineer to check line and grade. Abrupt changes in line and grade will not be permitted, and forms shall be set to insure smooth curvature and alignment both vertically and horizontally. Forms shall be left in place for a minimum of 24 hours after concrete has been placed.
- E. Replacement driveways (and sidewalks) shall match the elevation and alignment of existing driveways (and sidewalk) wherever a connection is made.

915.2 Sidewalks

- A. Sidewalks shall be restored in full section rather than trench width plus 2 feet (shoulder).
- B. Removal of existing sidewalk, installation of forms, preparation of subgrade, and the final finish shall be performed as specified hereinabove for driveways, except that the minimum thickness of the sidewalk shall be 4 inches thick.

915.3 Curband Gutter

- A. Curb and gutter shall be restored in lengths equal to trench width plus 2 feet (shoulders), or 10 feet, whichever is greater, unless otherwise permitted or ordered by the Engineer.

END OF SECTION

SECTION 00920 - CLEARING AND GRUBBING / LANDSCAPING / SITE CLEANLINESS

PART 1 GENERAL

1.01 WORK INCLUDED

A. Clear and grub the areas to be occupied by the facilities or utility systems to be constructed, including all areas to be excavated, filled, paved or planted as shown on the Plans and as specified herein.

1.02 DEFINITIONS

A. Clearing shall consist of the cutting, removal and disposal of all trees, stumps, brush, shrubs, rubbish and any other objectionable material within the designated areas.

B. Grubbing shall consist of the removal and disposal of all stumps larger than 1-1/2 inches in diameter and other objectionable material to a depth of at least 12 inches below the ground surface.

1.03 QUALITY ASSURANCE

A. In the course of the work, it may become necessary to remove trees if they interfere with the work. City of Doral and various municipalities have ordinances regulating the removal, relocation and pruning of trees in the public right-of-way; these ordinances shall be strictly adhered to. The CONTRACTOR shall obtain a permit from City of Doral, Miami-Dade County, Public Works and Waste Management County and/or other regulatory agencies having jurisdiction over the work area before removing, relocating and/or pruning any tree. The CONTRACTOR shall comply with all requirements and conditions of the permit at no additional cost to the City of Doral.

PART 2 PRODUCTS

NOT USED

PART 3 EXECUTION

3.01 CLEARING AND GRUBBING

A. The CONTRACTOR shall remove and replace, where required all existing shrubbery, trees, grass, sprinklers, fences, signs, mailboxes, structures, roadways, sidewalks, curbs and similar items or structures in the way of all excavation necessary for the construction of the Project.

3.02 PROTECTION OF ADJACENT AREAS

A. The CONTRACTOR shall protect areas shown on the Plans or designated by the Engineer to remain protected from damage by construction operations by erecting suitable barriers or other acceptable means.

3.03 DISPOSAL OF WASTE MATERIALS

A. All roots, vegetation and other refuse removed from the site during clearing and/or grubbing operations shall be legally disposed of by the CONTRACTOR. Burning of any material on site will not be permitted.

B. The CONTRACTOR shall provide the Engineer tickets indicating proof of legal disposal of

unsuitable backfill material. If the unsuitable material has beneficial use, the transport destination needs to be reported to the Engineer. Payment for disposal of the unsuitable material shall not be made until the City of Doral has proof of legal disposal at a particular destination.

3.04 LANDSCAPING

A. General: Existing plants, trees and grassed areas damaged or destroyed by the CONTRACTOR's operations shall be restored or replaced by the CONTRACTOR, at his expense to equal or better than original condition, and to the satisfaction of the Engineer.

B. Solid Sod:

1. Solid sod shall be planted in the unpaved areas abutting the structures and extending to the limits shown on the Drawings.
2. When solid sod is to be placed adjacent to or in close proximity to existing sod or grass, the CONTRACTOR is to use similar sod or grass and obtain approval from the Engineer prior to installation. In public areas and rights-of-way the CONTRACTOR is also required to comply with Governmental Agency requirements and provide the City with written approval of said agency prior to installation of grass and sod.
3. All areas to be grass sodded shall first be leveled, and debris, rocks, and other undesirable matter removed. Topsoil shall then be placed to a minimum depth of 3", with all larger lumps broken up. The mixture shall be well worked and raked to a uniform surface and then hand tamped, or lightly rolled. The topsoil shall be moistened with water prior to placing sod.
4. The sod shall be placed with closely abutting joints and shall completely cover the disturbed areas. The top of the new sod shall coincide with the top of the existing grass. The sod shall be covered with a light top dressing of topsoil and shall then be thoroughly watered.
5. The CONTRACTOR shall weed and water the grassed areas until the Project is accepted by the City; however, the minimum period of this maintenance shall not be less than 60 days even if it extends beyond said acceptance. Any portions of the grassed areas which die or appear to have succumbed to the shock of transplanting, before the acceptance by the City, or expiration of the minimum 60-day maintenance period, shall be replaced by the CONTRACTOR at his expense.
6. Solid sod shall be certified bitter blue St. Augustine Floratam. The sod shall be firm touch texture having a compact growth of grass with good root development. It shall contain no weeds or other objectionable vegetation.
7. Where sodding is used in drainage ditches, the setting of the pieces shall be staggered to avoid a continuous seam along the line of flow. Along the edges of such staggered areas, the offsets of individual strips shall not exceed 6-inches. In order to prevent erosion caused by vertical edges at the outer limits, the outer pieces of sod shall be tamped to produce a featheredge effect.
8. Sodding shall not be performed when weather and soil conditions are, in the Engineer of Record's opinion, unsuitable for proper results.

C. Watering:

The areas on which the sod is to be placed shall contain sufficient moisture, as determined by the Engineer, for optimum results. After being placed, the sod shall be kept in a moist condition to the full depth of the rooting zone for at least 2 weeks. Thereafter, the CONTRACTOR shall apply water as needed until the sod roots and starts to grow for a minimum of 60 days (or until final acceptance whichever is latest).

3.05 SITE CLEANLINESS

- A. The CONTRACTOR shall at all times during the execution of this Contract keep the work site free and clear of all rubbish and debris. As soon as the work is completed, the accumulated rubbish or surplus materials shall be promptly removed. The CONTRACTOR shall also restore in an acceptable manner all property, both public and private, which has been displaced or damaged during the prosecution of the work and shall leave the site and vicinity unobstructed and in a neat and presentable condition.
- B. In the event of delay exceeding two days after written notice is given to the CONTRACTOR by the Engineer to remove such rubbish or materials or to restore displaced or damaged property, the Engineer may employ such labor and equipment as he may deem necessary for the purpose, and the cost of such work, together with the cost of supervision, shall be charged to the CONTRACTOR and shall be deducted from any monies due him. The Project shall not be considered as having been completed until all rubbish and surplus materials have been removed

END OF SECTION

SECTION 00930 - SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

PART 1 GENERAL

1.01 SCOPE OF WORK

A. Before proceeding with the erection of the construction plan, including the setting or placing thereof, and the erection of other temporary structures, the CONTRACTOR shall furnish the Engineer with such information and plans as CITY may require.

B. Shop Drawings shall be submitted prior to any project construction activity. In a timely fashion, well before the contemplated ordering for fabrication of special order or long-lead items or construction use of any standard element of the work, the CONTRACTOR shall furnish Shop Drawings for the review and approval of CITY.

C. It is the CONTRACTOR's sole responsibility, upon the first occasion of submittal of a particular element of the work, to submit Shop Drawings of an element which match and fulfill the requirements and intent of the Plans and Specifications. Any delays or costs caused, either directly or indirectly, by non-timely submissions; submission of items differing significantly from the intent of the Plans and/or Specifications; repeated submission of, or argument over, rejected elements or changes required for acceptance; arguments with the criteria or requirements of the Plans or Specifications; or any other such similar activities shall be at the expense of the CONTRACTOR.

D. It is the intent of the Contract Documents that the CONTRACTOR shall, in the first instance, submit Shop Drawings of elements which meet or exceed the requirements of the Contract Documents and fit with the other elements of the work and the existing conditions. Activities such as those mentioned in Article 1.01 C, which are inimical to this intent will not be tolerated and may, at the sole discretion of the Engineer, subject the CONTRACTOR to costs for any delays, costs, damages or penalties suffered by the CITY due to such activities to include but not be limited to; extra engineering and overhead costs together with any liquidated or actual damages.

1.02 DESCRIPTION OF WORK

A. Submit to the Engineer for review and approval, Shop Drawings, test reports and data on materials, equipment, and material samples as required for the proper control of work, and as specified in the Specification sections. Shop Drawings shall be submitted for all materials and equipment to be furnished.

B. Within twenty calendar days after the effective date of the Contract, submit to the Engineer a complete list of preliminary data on items for which Shop Drawings are to be submitted. Included in this list shall be the names of all proposed manufacturers furnishing specified items. Review of this list by the Engineer shall in no way expressed or implied relieve the CONTRACTOR from submitting complete Shop Drawings and providing materials, equipment, etc., fully in accordance with the Specifications. This procedure is required in order to expedite final review of Shop Drawings.

C. Maintain an accurate updated Shop Drawing submittal log which shall include the following items:

1. Submittal Description and Number Assigned
2. Specification Section
3. Plans Sheet Number

4. Date to Engineer
5. Date Returned to CONTRACTOR (from Engineer)
6. Status of Submittal (Approved, Approved as Noted, Rejected/Resubmit)
7. Date of Resubmittal and Return (as Applicable)
8. Date Material Release (for Fabrication)
9. Projected Date of Fabrication
10. Projected Date of Delivery to Site
11. Status of O & M Manuals Submittal

1.03 CONTRACTOR'S RESPONSIBILITY

A. Furnish the Engineer with a schedule of Shop Drawings submittals, fixing the respective dates for the submission of Shop Drawings, the beginning of manufacture, testing and installation of materials, supplies and equipment. This schedule shall indicate those that are critical to the progress schedule.

B. Submit to the Engineer all plans and schedules sufficiently in advance of construction requirements to provide maximum time for checking and appropriate action from the time the Engineer receive them.

C. It is the duty of the CONTRACTOR to check and approve all plans, data and samples prepared by or for him before submitting them to the Engineer for review. Each and every copy of the Plans and data shall bear CONTRACTOR's stamp showing that they have been checked and approved. Shop Drawings submitted to the Engineer without the CONTRACTOR's stamp and approval shall be returned to the CONTRACTOR for conformance with this requirement before Engineer's review. **Shop Drawings shall indicate any deviations in the submittal from requirements of the Project Documents and the CONTRACTOR shall state the reason why a deviation is required.**

D. All submittals shall be accompanied by a transmittal letter prepared in duplicate containing the following information:

1. Date
 2. Project Title and Number
 3. CONTRACTOR's name and address
 4. The number of each Shop Drawing, Data, and Sample submitted
 5. Notification of Deviations from Project Documents
 6. Submittal Log Number conforming to and referring to Specification Section Numbers.
- Submit three copies of Shop Drawings and of descriptive or product data submittals necessary to complement Shop Drawing. The Engineer will retain two sets.

F. After receiving approval by the Engineer, the CONTRACTOR shall be responsible for submitting the Shop Drawings to the Building Department. Shop Drawings of all premanufactured items and all other Shop Drawings are required to obtain approval prior to manufacturing or installing the submitted items. The CONTRACTOR shall also be responsible for contesting any interpretations by the Building Department that CITY considers non-acceptable. The CONTRACTOR shall include in the bid prices, all costs for permits, fees and expenses associated with the submittals, including resubmittals (if any) of Shop Drawings to the Building Department. The Building Department as used in this paragraph shall be taken to mean the Miami-Dade County Building Department and/or other governing building authority appropriate to this project.

G. Do not begin any of the work covered by a drawing, data, or a sample returned as “Rejected/Resubmit” until a revision or correction thereof has been reviewed and returned to the CONTRACTOR, by the Engineer, with approval or approval “As Noted”. Be responsible for and bear all costs of damages which may result from the ordering of any material or from proceeding with any part of work prior to receiving Engineer's approval or approval “As Noted” of the necessary Shop Drawings.

H. Be fully responsible for observing the need for and for making any changes in the arrangement of piping, connections, wiring, manner of installation, etc., which may be required by the materials/equipment the CONTRACTOR proposes to supply, both as they pertain to the CONTRACTOR’s own work, work of others, or of other Divisions herein or Trades and clearly show such changes on the Shop Drawings.

I. When substitutions in materials or equipment are allowed, the CONTRACTOR shall make all necessary changes in adjacent or connected structures and equipment at his expense. Where contemplated changes, substitutions or appurtenant work require engineering design, in the opinion of the Engineer, the CONTRACTOR shall have such design services performed at his expense. Said engineering design services shall be of an extent satisfactory to the Engineer whose word shall be final and shall be performed by a Registered Professional Engineer licensed to practice in the State of Florida.

J. When substitutions in materials or equipment are allowed, the CONTRACTOR shall be solely responsible for all costs and time required by any differences in construction methods, fabrication or assembly required and no additional time will be allowed.

K. The Miami-Dade Building Department requires that any changes made during construction which result in differences between the as constructed arrangement/elements and the arrangement/elements shown on the permitted plans be reconciled by re-permitting of the plan sheet or sheets affected by the construction changes prior to inspection. Thus, the plan sheet or sheets must be redrawn to reflect the construction change, signed, sealed, dated and re-submitted by the Engineer of Record for re-permitting.

L. When a construction change, initiated by the CONTRACTOR or resulting from a change made by the CONTRACTOR, requires re-permitting as discussed in the preceding paragraph, the CONTRACTOR shall be responsible for all labor, material and equipment required to redraw the Plan sheet or sheets affected by the change to the satisfaction of the Engineer of Record and CITY. The costs for all work of this sort and all costs of re-permitting shall be borne by the CONTRACTOR and no extra compensation will be allowed.

M. Determine and verify:

1. Field measurements
2. Field construction criteria
3. Catalog numbers and similar data
4. Conformance with specifications
5. That installation and maintenance clearances are sufficient particularly when equipment or arrangement changes have been made

1.04 ENGINEER’S REVIEW OF SHOP DRAWINGS

A. Engineer’s review of plans, data and samples, submitted by the CONTRACTOR will cover only general conformity to the Drawing and Specifications. The Engineer's review will not constitute an approval of dimensions, quantities, and details of the material, equipment, device, or item shown. The

review of plans and schedules will be general, and shall not be construed:

1. As permitting any departure from the Contract requirements
2. As relieving the CONTRACTOR of responsibility for any errors, including detail, dimensions, and materials
3. As approving departures from details furnished by the Engineer, except as otherwise provided herein

B. Variations

1. If the plans or schedules, as submitted, describe variations per paragraph 1.03 C, and show a departure from the Contract requirements which Engineer finds to be in the interest of the City and to be so minor as not to involve a change in Contract price or time for performance, the Engineer may return the reviewed plans without noting an exception.
2. If the plans or schedules, as submitted, describe variations and show a departure from the Contract requirements which the Engineer finds to be minor enough to be corrected by redlining the submittal, the engineer will mark and return the submittal marked "Approved as Noted." The redlined corrections shall be as binding on the CONTRACTOR as would be a resubmission embodying the same corrections.

C. When reviewed by the Engineer, each of the Shop Drawings shall be stamped and dated to indicate it had been reviewed. Shop Drawings stamped "Revise and Resubmit" and with required corrections shown will be returned to the CONTRACTOR for correction and resubmittal.

D. Resubmittals will be handled in the same manner as first submittals. On resubmittals the CONTRACTOR shall direct specific attention, in writing or on resubmitted Shop Drawings, to revisions and corrections required by the Engineer on previous sub- missions. The CONTRACTOR shall make any corrections required by the Engineer.

E. If the CONTRACTOR considers any correction indicated on the Shop Drawings to constitute a change to the Project Plans or Specifications, the CONTRACTOR shall give written notice thereof to the Engineer who will render a decision which shall be final. After the decision has been made, the CONTRACTOR shall without delay, provide the corrections to the plans.

F. When the Shop Drawings have been approved by the Engineer, the CONTRACTOR shall carry out the construction in accordance therewith and shall make no further changes therein except upon written instructions from the Engineer.

G. No partial submittals will be reviewed. Submittals not complete will be returned to the CONTRACTOR for resubmittal. Unless otherwise specifically permitted by the Engineer, all submittals shall be made in groups containing all associated items for systems, processes or as indicated in specific specifications sections. All plans, schematics, manufacturer's product data, certifications and other Shop Drawing submittals required by a system specification shall be submitted at one time as a package to facilitate interface checking.

1.05 SHOP DRAWINGS

A. When used in the Project Documents, the term "Shop Drawings" shall be considered to mean

CONTRACTOR's plans for materials and equipment which become an integral part of the Project. These Shop Drawings shall be complete and detailed. Shop Drawings shall consist of fabrication, erection and setting drawings and schedule drawings, manufacturer's scale drawings, and wiring and control diagrams. Cuts, catalogs, pamphlets, descriptive literature, and performance/test data shall be considered only as supportive to required Shop Drawings as defined above.

B. Manufacturer's catalog sheets, brochures, diagrams, illustrations, and other standard descriptive data shall be clearly marked to identify pertinent materials, product or models. Information which is not applicable to the Work shall be deleted by striking or cross hatching.

C. Each Shop Drawing shall have a blank area 3½ inches by 3½ inches, located adjacent to the title block. The title block shall display the following:

1. Project Title and Number
2. Name of Project Building or Structure
3. Number and Title of the Shop Drawing
4. Date of Shop Drawing or Revision
5. Name of CONTRACTOR and Subcontractor Submitting Drawing
6. Supplier/Manufacturer
7. Separate Detailer when Pertinent
8. Specification Title and Number
9. Specification Section
10. Application Project Drawing Number

D. If plans show variations from Contract requirements because of standard shop practice or for other reasons, describe such variations in the letter of transmittal. If no explanation of these variations is provided, the CONTRACTOR shall not be relieved of the responsibility for executing the work in accordance with the Contract, even though such plans have been reviewed and approved.

E. For all mechanical and electrical equipment furnished, provide a list including the equipment name, address of and telephone number of the manufacturer's representative and service company so that service and/or spare parts can be readily obtained.

F. All manufacturers or equipment suppliers who propose to furnish equipment or products shall submit an installation list to the Engineer along with the required Shop Drawings. The installation list shall include at least five installations where identical equipment has been installed and has been in operation for a period of at least five years, unless otherwise specified. Manufacturers and/or equipment which fails to meet the specified experience period will be considered if the manufacturer or supplier provides a bond or cash deposit which will guarantee replacement of the equipment or process in the event of failure or unsatisfactory service.

G. Only the Engineer will utilize the color "red" in marking Shop Drawing submittals.

1.06 REQUIRED INFORMATION

A. Submit, as applicable, the following for all prefabricated or manufactured structural, mechanical, electrical, plumbing, process system, and equipment work:

1. Shop Drawings or equipment drawings, including dimensions, size and location of connections to other work, and weight of equipment.
2. Catalog information and cuts
3. Installation or placing plans for equipment, drives, and bases
4. Supporting calculations, signed and sealed by a Florida Registered Engineer when required, for equipment and associated supports, or hangers required or specified to be designed by equipment manufacturers.
5. Signed and sealed calculations and plans by in-house Florida Registered Professional Engineer for structural systems, indicating compliance to the structural design criteria specified in the Plans.
6. Complete manufacturer's specifications, including materials description and paint system.
7. Performance data and pump curves
8. Suggested spare parts with current price information
9. List of special tools required for testing, checking, parts replacement, and maintenance. (Special tools are those which have been specially designed or adapted for use on parts of the equipment, and are not customarily and routinely carried by maintenance mechanics)
10. List of special tools furnished with the equipment
11. List of materials and supplies required for the equipment prior to, and during startup
12. List of materials or supplies furnished with the equipment
13. Special handling instructions
14. Requirements for storage and protection prior to installation
15. Requirements for routine maintenance required prior to equipment startup
16. List of all requested exceptions to the Project Documents

1.07 SUBMITTAL REQUIRED FOR FOREIGN MANUFACTURED ITEMS

A. In addition to the submittal requirements stated above, suppliers of foreign manufactured items shall submit the names and addresses of companies within the United States that maintain technical service representatives and a complete inventory of spare parts and accessories for each foreign-made item proposed for incorporation into the Work. Failure to prove these capabilities shall be cause for rejection of the foreign manufactured items.

B. Foreign manufactured equipment and materials shall in all cases be clearly and permanently marked with the manufacturer's name and country of origin of the item. The name of the U.S. importing/supplying firm is not acceptable. Shop Drawing submittals of foreign-made items shall be accompanied by written information to include name and location (i.e. country, City, and street address) of the manufacturer. This requirement shall also apply to the foreign made elements of items assembled in this country from parts wholly or partially manufactured overseas.

1. The words, "Permanently Marked" as used in this paragraph shall mean; die stamped, cast-in, welded, or otherwise marked such that the removal of the marking by any mechanical or chemical means will result in obvious permanent damage to the surface marked. These markings shall be on surfaces which are not hidden by assembly.

C. Where specified elsewhere herein or at the sole discretion of the Engineer, whose word shall be final, supply verification of quality, suitability, or other aspects, as directed by the Engineer, from a Professional Engineer licensed to practice in the State of Florida or the state where the supplying U.S. firm is located. The verification shall be signed, sealed, and dated. All costs for this verification shall be at the sole expense

of the CONTRACTOR and no extra compensation will be allowed. Verification by foreign-based engineers, firms, manufacturers, etc. will not be acceptable. Verification by means of a very stringent foreign testing agency/standard (for example ISO 9000 series) may be acceptable. However, this shall again be at the sole discretion of the Engineer and the full burden of proof and satisfaction of CITY shall rest with the CONTRACTOR. No extra time will be permitted due to the requirement for verification and the CONTRACTOR has the sole responsibility to make his submittals with all necessary information in a timely fashion.

D. Items which are fabricated (i.e. assembled in this country from partially or wholly foreign manufactured parts) may also be required to have verification of their foreign made elements as specified for wholly foreign made items in the preceding paragraph.

E. Any items in contact with or being added to potable water shall conform with NSF/ANSI 61 or 60, as appropriate.

1.08 SAMPLES

A. Furnish for the approval of the Engineer, samples required by the Project Documents or required by the Engineer. Samples shall be delivered to the Engineer as specified or directed. The CONTRACTOR shall prepay all shipping charges on samples. Materials or equipment for which samples are required shall not be used in work until approved by the Engineer.

B. Samples shall be of sufficient size and quantity to clearly illustrate:

1. Functional characteristics of the product, with integrally related parts and attachment devices
2. Full range of color, texture, and pattern
3. A minimum of two samples of each Item shall be submitted

C. Each sample shall have a label indicating:

1. Name of Project
2. Material or Equipment Represented
3. Name of Producer and Brand (if any)
4. Location in Project

D. Prepare a transmittal letter in triplicate for each shipment of samples containing the information specified herein in Paragraph 1.06 A. Enclose a copy of this letter with the shipment and send a copy of this letter to the Engineer. Approval of a sample shall be only for the characteristics or use specified and shall not be construed to change or modify any Contract requirements.

E. Approved samples of the hardware in good condition will be marked for identification and may be used in the work. Materials and equipment incorporated in work shall match the approved samples. Samples which failed testing or were not approved shall be returned to the CONTRACTOR at his expense, if so, requested at time of submission.

1.09 SUBSTITUTIONS

A. Changes in products, materials, equipment, and methods of construction required by the Contract Documents, which are proposed by the CONTRACTOR after award of the Contract, are considered to

be requests for substitutions. Where the Plans and/or Specifications designate the products of a particular manufacturer, the product specified has been found suitable for the intended use. Articles or products of similar characteristics may be offered for the approval of the Engineer, whose decision shall be final. Copies of complete descriptive data shall be furnished regarding all materials furnished by the CONTRACTOR, consisting of Dimension drawings, catalog references, product data, cost, and other information necessary to clearly identify and evaluate each article. When substitutions are permitted, the CONTRACTOR shall make all necessary changes in adjacent, connected, or other structures and equipment at his expense.

B. Where engineer-recommended changes, substitutions or appurtenant work require engineering design, the CONTRACTOR shall have such design services performed. Those engineering design services shall be of an extent satisfactory to the Engineer, whose decision shall be final. Engineering services for engineer-recommended changes, substitutions, or appurtenant work, shall be performed by a Registered Professional Engineer licensed to practice in the State of Florida.

C Unless specifically authorized by the Engineer in writing, no additional contract time will be allowed, and a decrease in time may be appropriate.

END OF SECTION

SECTION 525-010-44 – LAP FEDERAL REQUIREMENTS

BUY AMERICA

Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project.

BUY AMERICA CERTIFICATE OF COMPLIANCE

The Bidder hereby certifies that it will comply with the requirements of 49 U.S.C. Section 5323 (J) (1).
Section 165 (a) of the Surface Transportation Assistance Act of 1982, as amended, but it may qualify for an
exception to the requirements pursuant to Section 165 (b) (2) or (b) (4) of the Surface Transportation
Assistance Act of 1982 and regulation in 49 CFR 661.7.

Firm Name

Date

Signature

Printed Name

Title

BUY AMERICA CERTIFICATE OF NON-COMPLIANCE

The bidder hereby certifies that it cannot comply with the requirements of 49 U.S.C. Section 5323 (j) (1), Section 165 (a) of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations in 49 CFR Part 661.

Firm's Name _____

Date _____

Signature _____

Printed Name _____

Title _____

CERTIFICATION OF CURRENT CAPACITY

Contractors must certify they have the financial capacity to complete the project by completing Form 525-010-46 included below.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
LAP CERTIFICATION OF CURRENT CAPACITY

S25-010-45
PRODUCTION SUPPORT
12/09
Page 1 of 2

CONFIDENTIAL

For bids to be received on _____
(Letting Date)

Fill in your FDOT Vendor Number VF <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
(Only applicable to FDOT pre-qualified contractors)

CERTIFICATE

I hereby certify that the amount of any proposal submitted by this bidder for the above letting does not exceed the amount of the Firm's CURRENT CAPACITY (maximum capacity rating less total uncompleted work).

The total uncompleted work as shown on
the "Status of Contracts on Hand" report (page 2) \$ _____

I further certify that the "Status of Contracts on Hand" report (page 2) was prepared as follows:

1. If the letting is before the 25th day of the month, the certificate and report reflect the uncompleted work as of the 15th day of the month, last preceding the month of the letting.
2. If the letting is after the 25th day of the month, the certificate and report reflects the uncompleted work in progress as of the 15th day of the month of the letting.
3. All new contracts (and subcontracts) awarded earlier than five days before the letting date are included in the report and charged against our total rating.

I certify that the information above is correct.

NAME OF FIRM

Sworn to and subscribed this _____ day
of _____, 20 _____

By: _____

Title

(Furnish complete information about all your contracts, whether prime or subcontracts; whether in progress or awarded, but not yet begun; and regardless of whom contracted with.)

1	2	3	4	5	6
PROJECTS OWNER, LOCATION AND DESCRIPTION	CONTRACT (OR SUBCONTRACT) AMOUNT	AMOUNT SUBLET TO OTHERS	BALANCE OF CONTRACT AMOUNT	UNCOMPLETED AMOUNT TO BE DONE BY YOU	
				AS PRIME CONTRACTOR	AS SUBCONTRACTOR
1					
NOTE: Columns 2 and 3 to show total contract (or subcontract) amounts. Column 4 to be difference between columns 2 and 3. Amount in columns 5 or 6 to be uncompleted portion of amount in column 4. All amounts to be shown to nearest \$100. The Contractor may consolidate and list as a single item all contracts which, individually, do not exceed 3% of total, and which, in the aggregate, amount to less than 20% of the total.				TOTALS	\$0.00
				TOTAL UNCOMPLETED WORK ON HAND TO BE DONE BY YOU (TOTAL COLUMNS 5 AND 6)	\$0.00

CONTRACTOR PURCHASED EQUIPMENT FOR STATE OR LOCAL OWNERSHIP

As per 23 CFR 140, 49 CFR Part 18, and 49 CFR Section 18.3, Contractor purchased equipment for State or City ownership is not allowed.

DISADVANTAGE BUSINESS ENTERPRISE (DBE)

This project will have a Disadvantage Business Enterprise race neutral goal of 10.65%.

The Contractor shall comply with Section 7-24 of the FDOT Division 1 Specifications:

7-24 Disadvantaged Business Enterprise Program.

7-24.1 Disadvantaged Business Enterprise Affirmative Action Plan: Prior to award of the Contract, have an approved Disadvantaged Business Enterprise (DBE) Affirmative Action Program Plan filed with the Equal Opportunity Office. Update and resubmit the plan every three years. No Contract will be awarded until the Department approves the Plan. The DBE Affirmative Action Program Plan is incorporated into and made a part of the Contract.

7-24.2 Required Contract and Subcontract DBE Assurance Language: In accordance with 49 CFR 26.13 (b), the Contract FDOT signs with the Contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance: "The Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to,

1. Withholding monthly progress payments;
2. Assessing sanctions;
3. Liquidated damages; and/or
4. Disqualifying the Contractor from future bidding as non-responsible."

7-24.3 Plan Requirements: Include the following in the DBE Affirmative Action Program Plan:

1. A policy statement, signed by an authorized representative (president, chief executive officer, or chairman of the contractor), expressing a commitment to use DBEs in all aspects of contracting to the maximum extent feasible, outlining the various levels of responsibility, and stating the objectives of the program. Circulate the policy statement throughout the Contractor's organization.

2. The designation of a Liaison Officer within the Contractor's organization, as well as support staff, necessary and proper to administer the program, and a description of the authority, responsibility, and duties of the Liaison Officer and support staff. The Liaison Officer and staff are responsible for developing, managing, and implementing the program on a day-to-day basis for carrying out technical assistance activities for DBEs and for disseminating information on available business opportunities so that DBEs are provided an equitable opportunity to participate in Contracts let by the Department.

3. Utilization of techniques to facilitate DBE participation in contracting activities which include, but are not limited to:

a. Soliciting price quotations and arranging a time for the review of Plans, quantities, specifications, and delivery schedules, and for the preparation and

presentation of quotations.

b. Providing assistance to DBEs in overcoming barriers such as the inability to obtain bonding, financing, or technical assistance.

c. Carrying out information and communication programs or workshops on contracting procedures and specific contracting opportunities in a timely manner, with such programs being bilingual where appropriate.

d. Encouraging eligible DBEs to apply for certification with the Department.

e. Contacting Minority Contractor Associations and city and county agencies with programs for disadvantaged individuals for assistance in recruiting and encouraging eligible DBE contractors to apply for certification with the Department.

7-24.4 DBE Records and Reports: Submit the following through the Equal Opportunity Compliance System:

1. DBE Commitments - at or before the Pre-Construction Conference.

2. Report monthly, through the Equal Opportunity Compliance System on the Department's Website, actual payments (including retainage) made to DBEs for work performed with their own workforce and equipment in the area in which they are certified. Report payments made to all DBE and Minority Business Enterprise (MBE) subcontractors and DBE and MBE construction material and major suppliers.

The Equal Opportunity Office will provide instructions on accessing this system. Develop a record keeping system to monitor DBE affirmative action efforts which include the following:

1. the procedures adopted to comply with these Specifications;
2. the number of subordinated Contracts on Department projects awarded to DBEs;
3. the dollar value of the Contracts awarded to DBEs;
4. the percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;
5. a description of the general categories of Contracts awarded to DBEs; and
6. the specific efforts employed to identify and award Contracts to DBEs.

Upon request, provide the records to the Department for review.

Maintain all such records for a period of five years following acceptance of final payment and have them available for inspection by the Department and the Federal Highway Administration.

7-24.5 Counting DBE Participation and Commercially Useful Functions: 49 CFR Part 26.55 specifies when DBE credit shall be awarded for work performed by a DBE. DBE credit can only be awarded for work actually performed by DBEs themselves for the types of work for which they are certified. When reporting DBE Commitments, only include the dollars that a DBE is expected to earn for work they perform with their own workforce and equipment. Update DBE Commitments to reflect changes to the initial amount that was previously reported or to add DBEs not initially reported.

When a DBE participates in a contract, the value of the work is determined in accordance with 49 CFR Part 26.55, for example:

1. The Department will count only the value of the work performed by

the DBE toward DBE goals. The entire amount of the contract that is performed by the DBE's own forces (including the cost of supplies, equipment and materials obtained by the DBE for the contract work) will be counted as DBE credit.

2. The Department will count the entire amount of fees or commissions charged by the DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services or for providing bonds or insurance specifically required for the performance of a Department-assisted contract, toward DBE goals, provided that the Department determines the fees to be reasonable and not excessive as compared with fees customarily followed for similar services.

3. When the DBE subcontracts part of the work of its contract to another firm, the Department will count the value of the subcontracted work only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

4. When a DBE performs as a participant in a joint venture, the Department will count the portion of the dollar value of the contract equal to the distinct, clearly defined portion of the work the DBE performs with its own forces toward DBE goals.

5. The Contractors shall ensure that only expenditures to DBEs that perform a commercially useful function (CUF) in the work of a contract may be counted toward the voluntary DBE goal.

6. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

7. Contractors wishing to use joint checks involving DBE credit must provide written notice to the District Contract Compliance Office prior to issuance of the joint check. The Contractor must also provide a copy of the notice to the DBE subcontractor and maintain a copy with the project records.

8. To determine whether a DBE is performing a commercially useful function, the Department will evaluate the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

9. A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.

10. If a DBE does not perform or exercise responsibility for at least 30% of the total cost of its contract with its own workforce, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, the DBE has not performed a commercially useful function.

7-24.6 Prompt Payments: Meet the requirements of 9-5 for payments to all DBE subcontractors.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

275-030-11
EQUAL OPPORTUNITY OFFICE
10/17
Page 1 of 2

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts;** however, the Department has an overall 10.65% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBE's.

Please contact the Equal Opportunity Office at (850) 414-4747 if you have any questions regarding this information. Forms may be downloaded at: www.dot.state.fl.us/proceduraldocuments/.

DBE Reporting

If you are the prime contractor on a project, enter your DBE participation in the Equal Opportunity Compliance system prior to the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to DBE and MBE subcontractors through the web-based Equal Opportunity Compliance (EOC) system.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions, please contact EOOHelp@dot.state.fl.us.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including both **DBE's and non-DBEs**.

Please complete the Bidders Opportunity List through the Equal Opportunity Compliance system within 3 business days of submission of the bid or proposal for ALL subcontractors or sub-consultants who quoted to you for specific project for this letting. The web address to the Equal Opportunity Compliance system is:

<https://www3.dot.state.fl.us/EqualOpportunityCompliance/Account.aspx/LogIn?ReturnUrl=%2fEqualOpportunityCompliance%2f>.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DBE BID PACKAGE INFORMATION

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EQUAL OPPORTUNITY OFFICE
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DBE/AA Plans

Contractors bidding on FDOT contracts are to have an approved DBE Affirmative Action Plan (FDOT Form 275-030-11B) on file with the FDOT Equal Opportunity Office before execution of a contract. DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

Plans are approved by the Equal Opportunity Office in accordance with Ch. 14-78, Florida Administrative Code. Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President. Contractors may evidence adoption of the DBE/AA Policy and Plan and/or a change in the designated DBE Liaison officer as follows:

- Print the first page of the document on company stationery ("letterhead") that indicates the company's name, mailing address, phone number, etc.
- Print the company's name in the "____" space; next to "Date" print the month/day/year the policy is being signed; record the signature of the company's Chief Executive Officer, President or Chairperson in the space next to "by" and print the full first and last name and position title of the official signing the policy.
- Print the DBE Liaison's full name, email address, business mailing address and phone number the bottom of email.

E-mail the completed and signed DBE AA Plan to: **eeoforms@dot.state.fl.us**.

The Department will review the policy, update department records and issue a notification of approval or disapproval; a copy of the submitted plan will not be returned to the contractor.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**BID OPPORTUNITY LIST FOR COMMODITIES & CONTRACTUAL
SERVICES**

375-040-62
PROCUREMENT
01/16

Prime Contractor: _____

Address/Phone Number: _____

Procurement Number: _____

49 CFR Part 26.11 The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and supplies materials on DOT-assisted projects, including both DBEs and non-DBEs. This list must include all subcontractors contacting you and expressing an interest in teaming with you on a specific DOT-assisted project. Prime contractors must provide information for Numbers 1, 2, 3 and 4, and should provide any information they have available on Numbers 5, 6, and 7 for themselves, and their subcontractors.

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____

5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. Annual Gross Receipts
☐ Less than \$1 million
☐ Between \$1 - \$5 million
☐ Between \$5 - \$10 million
☐ Between \$10 - \$15 million
☐ More than \$15 million

AS APPLICABLE, PLEASE SUBMIT THIS FORM WITH YOUR:

**BID SHEET (Invitation to Bid – ITB)
PRICE PROPOSAL (Request for Proposal – RFP)
REPLY (Invitation to Negotiate – ITN)**

ANTICIPATED DBE PARTICIPATION STATEMENT

Financial Project Number: _____

Contact Number: _____

Federal Aid Project Number (if applicable): _____

Contract Dollar Amount: _____

Is the prime contractor a Florida Department of Transportation Certified Disadvantaged Business Enterprise (DBE)? Yes ___ No ___

Expected Amount of Contract Dollars to be Subcontracted to DBE(s): \$ _____

It is our intent to subcontract _____% of the contract dollars to DBE(s). Listed below are the proposed DBE subcontractors:

DBE(s) Name Type of Work / Specialty Dollar Amount / Percentage

Submitted By: _____

Title: _____

E-mail Address: _____

Telephone Number: _____

Fax Number: _____

Date: _____

Note: The information will be used to track, and report anticipated DBE participation in all state and federally funded FDOT contracts. The anticipated DBE amount will not become a part of the contractual terms. However, non-submission of this form will cause the calculation of anticipated DBE participation for this contract to be noted as zero percent (0%).

(Please mail to the Equal Opportunity Office, 605 Suwannee Street, MS 65 Tallahassee. PL 32399-0450 or fax to (850) 488-3914. If you have any questions, please contact Valeria Robinson at (850) 414-4759. (Revised 9/13/01)

E-VERIFY

The Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Contractor during the term of the Contract and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify

system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term. E-Verify can be accessed at the official website of the Department of Homeland Security and USCIS <https://www.e-verify.gov/>

EQUAL EMPLOYMENT OPPORTUNITY

LEGAL REQUIREMENTS AND RESPONSIBILITY TO THE PUBLIC – TITLE VI ASSURANCE AND APPENDICES A AND E

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the “Contractor”) agrees as follows:

(1.) **Compliance with Regulations:** The Contractor shall comply with the Regulations relative to nondiscrimination in Federally assisted programs of the U.S. Department of Transportation (hereinafter, “USDOT”) Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.

(2.) **Nondiscrimination:** The Contractor, with regard to the work performed during the contract, shall not discriminate on the basis of race, color, national origin, sex, age, disability, religion or family status in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

(3.) **Solicitations for Subcontractors, including Procurements of Materials and Equipment:** In all solicitations made by the Contractor, either by competitive bidding or negotiation for work to be performed under a subcontract, including procurements of materials or leases of equipment; each potential subcontractor or supplier shall be notified by the Contractor of the Contractor’s obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, sex, age, disability, religion or family status.

(4.) **Information and Reports:** The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the *Florida Department of Transportation*, the *Federal Highway Administration*, *Federal Transit Administration*, *Federal Aviation Administration*, and/or the *Federal Motor Carrier Safety Administration* to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the *Florida Department of Transportation*, the *Federal Highway Administration*, *Federal Transit Administration*, *Federal Aviation Administration*, and/or the *Federal Motor Carrier Safety Administration* as appropriate and shall set forth what efforts it has made to obtain the information.

(5.) **Sanctions for Noncompliance:** In the event of the Contractor’s noncompliance with the nondiscrimination provisions of this contract, the *Florida Department of Transportation* shall impose such contract sanctions as it or the *Federal Highway Administration*, *Federal Transit Administration*, *Federal Aviation Administration*, and/or the *Federal Motor Carrier Safety Administration* may determine to be appropriate, including, but not limited to:

a. withholding of payments to the Contractor under the contract until the Contractor complies, and/or

b. cancellation, termination or suspension of the contract, in whole or in part.

(6.) Incorporation of Provisions: The Contractor shall include the provisions of paragraphs (1) through (7) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the *Florida Department of Transportation, the Federal Highway Administration, Federal Transit*

Administration, Federal Aviation Administration, and/or the Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. In the event a Contractor becomes involved in, or is threatened with, litigation with a sub-contractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation, and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

(7.) Compliance with Nondiscrimination Statutes and Authorities: *Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21; The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects); Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex); Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age); Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 -- 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38; The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100); Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).*

7-31 Title VI Assurance – DOT 1050.2A, Appendix A and Appendix E.

7-31.1 Appendix A: During the performance of this Contract, the Contractor, for itself, its assignees and successors in interest (hereinafter referred to as the “Contractor”) agrees as follows:

1. Compliance with Regulations: The Contractor shall comply with the Regulations relative to nondiscrimination in Federally assisted programs of the US Department of Transportation (hereinafter, "USDOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Contract.

2. Nondiscrimination: The Contractor, with regard to the work performed by it during the Contract, shall not discriminate on the basis of race, color, national origin or sex in the selection and retention of sub-contractors, including procurements of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the Contract covers a program set forth in Appendix B of the Regulations.

3. Solicitations for subcontractors, including procurements of materials and equipment: In all solicitations either by competitive bidding or negotiation made by the Contractor for work to be performed under subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the Contractor of the Contractor's obligations under this contract and the Regulations relative to nondiscrimination on the basis of race, color, national origin, or sex.

4. Information and Reports: The Contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, and Federal Motor Carrier Safety Administration to be pertinent to ascertain compliance with such Regulations, order and instructions. Where any information required of a Contractor is in the exclusive possession of another who fails or refuses to furnish this information the Contractor shall so certify to the Florida Department of Transportation, or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of the Contractor's noncompliance with the nondiscrimination provisions of this Contract, the Florida Department of Transportation shall impose such Contract sanctions as it or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may determine to be appropriate, including, but not limited to:

a. withholding of payments to the Contractor under the Contract until the Contractor complies, or

b. cancellation, termination or suspension of the Contract, in whole or in part.

6. Incorporation of Provisions: The Contractor shall include the provisions of this appendix in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The Contractor shall take such action with respect to any subcontract or procurement as the Florida Department of Transportation or the Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration, or Federal Motor Carrier Safety Administration may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the Contractor may request the Florida Department of Transportation to enter into such litigation to protect the interests of the Florida Department of Transportation,

and, in addition, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

7-31.2 Appendix E: During the performance of this Contract, the Contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “Contractor” agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

1. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21;

2. The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired of Federal or Federal-aid programs and projects);

3. Federal-Aid Highway Act of 1973, (23 U.S.C § 324 et seq.), (prohibits discrimination on the basis of sex);

4. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;

5. The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);

6. Airport and Airway Improvement Act of 1982, (49 U.S.C. 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color national origins or sex);

7. The Civil Rights Restoration Act of 1987 (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

8. Titles II and III of the Americans with Disabilities Act, which prohibits discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;

9. The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

10. Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;

11. Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);

12. Title IX of the Education Amendments of 1972, as amended, which prohibits discrimination based on sex in education programs, or activities (20 U.S.C. 1681 et seq.).

EQUIPMENT RENTAL RATES

For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the "Rental Rate Blue Book" for the actual time that such equipment is in operation on the work, and 50% of the "Rental Rate Blue Book" for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the "Rental Rate Blue Book for Construction Equipment" or the "Rental Rate Blue Book for Older Construction Equipment," whichever is applicable, as published by Machinery Information Division of PRIMEDIA Information, Inc. (version current at the time of bid), using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the Blue Book.

Allowable Equipment Rates will be established as set out below:

- (1) Allowable Hourly Equipment Rate = $\text{Monthly Rate} / 176 \times \text{Adjustment Factors} \times 100\%$.
- (2) Allowable Hourly Operating Cost = $\text{Hourly Operating Cost} \times 100\%$.
- (3) Allowable Rate Per Hour = Allowable Hourly Equipment Rate + Allowable Hourly Operating Cost.
- (4) Standby Rate = Allowable Hourly Equipment Rate $\times 50\%$.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Owner will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Owner will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

FHWA 1273

CONTRACTOR shall comply with the FDOT Division 1 Specifications and provisions of FHWA Form 1273 included in Section 00010 (Attachments) of this document and will include FHWA Form 1273 in all contracts with subcontractors.

Compliance with FHWA 1273: The FHWA-1273 Electronic version, dated May 1, 2012 is posted on the Department's website at the following URL address

<http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/Files/FHWA1273.pdf> - Take responsibility to obtain this information and comply with all requirements posted on this website up through five calendar days before the opening of bids.

Comply with the provisions contained in FHWA-1273.

If the Department's website cannot be accessed, contact the Department's Specifications Office Web Coordinator at (850) 414-4101.

FOREIGN CONTRACTOR AND SUPPLIER RESTRICTION

This proposal shall not limit the project to domestic owned contractors only on the basis of 49 CFR 30.

LOBBYING CERTIFICATION

375-030-33
PROCUREMENT
10/01

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL-AID CONTRACTS (Compliance with 49CFR, Section 20.100 (b))

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant:

By: _____ Date: _____ Authorized Signature

Title: _____

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34
 PROCUREMENT
 02/16

Is this form applicable to your firm?

YES ☐ NO ☐

If no, then please complete section 4
 below for "Prime"

1. Type of Federal Action: a. contract b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance		2. Status of Federal Action: a. bid/offer/application b. initial award c. post-award		3. Report Type: a. initial filing b. material change For Material Change Only: Year: _____ Quarter: _____ Date of last report: _____ (mm/dd/yyyy)	
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: _____ _____ _____ Congressional District, if known: 4c _____			5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: _____ _____ _____ Congressional District, if known: _____		
6. Federal Department/Agency: _____ _____ _____			7. Federal Program Name/Description: _____ _____ CFDA Number, if applicable: _____		
8. Federal Action Number, if known: _____			9. Award Amount, if known: \$ _____		
10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i> _____ _____ _____			b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i> _____ _____ _____		
11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.			Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date (mm/dd/yyyy): _____		
Federal Use Only:					Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the fullname, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 10 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

METHOD OF BIDDING / CONSTRUCTION

The City intends to award a contract for NW 82nd street and NW 114th avenue Traffic signal to the contractor that is the lowest, most responsive, and responsible bidder that: possesses qualified manpower, equipment, administrative capabilities to provide the proposed services, possesses previous experience on this type of work and provides the best offer and prices deemed to be in the greatest benefit to the City. In addition, the Contractor must have previous experience constructing Traffic Signals

OFF-SITE STORAGE AND STAGING AREAS

Compliance with Federal Endangered Species Act and other Wildlife Regulations: The Federal Endangered Species Act requires that the Department investigate the potential impact to a threatened or endangered species prior to initiating an activity performed in conjunction with a highway construction project. If the Department's investigation determines that there is a potential impact to a protected, threatened or an endangered species, the Department will conduct an evaluation to determine what measures may be necessary to mitigate such impact. When mitigation measures and/or special conditions are necessary, these measures and conditions will be addressed in the Contract Documents or in permits as identified in Endangered Species Act, Section 4F and Section 106 of the Code of Federal Regulations, and Sections 7-1.4 and 7-1.8 of FDOT's Division I Standard Specifications.

In addition, in cases where certain protected, threatened, or endangered species are found or appear within close proximity to the project boundaries, the Department has established guidelines that will apply when interaction with certain species occurs, absent of any special mitigation measures or permit conditions otherwise identified for the project.

These guidelines are posted at the following URL address:

<http://www.fdot.gov/programmanagement/Implemented/URLinSpecs/files/endangeredwildlifeguidelines.pdf>.

Take responsibility to obtain this information and take all actions and precautions necessary to comply with the conditions of these guidelines during all project activities.

Prior to establishing any off-project activity in conjunction with a project, notify the Engineer of the proposed activity. Covered activities include but are not necessarily limited to borrow pits, concrete or asphalt plant sites, disposal sites, field offices, and material or equipment storage sites. Include in the notification the Financial Project ID, a description of the activity, the location of the site by township, range, section, county, and city, a site location map including the access route, the name of the property owner, and a person to contact to arrange a site inspection. Submit this notification at least 30 days in advance of planned commencement of the off-site activity, to allow for the Department to conduct an investigation without delaying job progress.

Do not perform any off-project activity without obtaining written clearance from the Engineer. In the event the Department's investigation determines a potential impact to a protected, threatened, or endangered species and mitigation measures or permits are necessary, coordinate with the appropriate resource agencies for clearance, obtain permits and perform mitigation measures as necessary. Immediately notify the Engineer in writing of the results of this coordination with the appropriate resource agencies. Additional compensation or time will not be allowed for permitting or mitigation, associated with Contractor initiated off-project activities.

Occupational Safety and Health Requirements: The Contractor shall take all precautions necessary for the protection of life, health, and general occupational welfare of all persons, including employees of both the Contractor and the Department, until the Contractor has completed the work required under the Contract.

Comply at all times with applicable Federal, State, and local laws, provisions, and policies governing safety and health, including 29 CFR 1926, including all subsequent revisions and updates.

Discovery of an Unmarked Human Burial: When an unmarked human burial is discovered, immediately cease all activity that may disturb the unmarked human burial and notify the Engineer. Do not resume activity until specifically authorized by the Engineer.

Insecticides and Herbicides: Use products found on the following website, <http://state.ceris.purdue.edu/>, approved by the Florida Department of Agriculture and Consumer Services. The use of restricted products is prohibited. Do not use any products in the sulfonylurea family of chemicals. Herbicide application by broadcast spraying is not allowed.

Procure any necessary licenses, pay all charges and fees, and give all notices necessary for lawful performance of the work.

Ensure that all insecticides and herbicides are applied in accordance with Chapter 5E-9, Florida Administrative Code. Submit a copy of current certificates to the Engineer upon request.

Ensure that employees who work with herbicides comply with all applicable Federal, State, and local regulations.

Comply with all regulations and permits issued by any regulatory agency within whose jurisdiction work is being performed. Post all permit placards in a protected, conspicuous location at the work site.

Acquire any permits required for work performed on the rights-of-way within the jurisdiction of National Forests in Florida. Contact the Local National Forest Ranger District, or the United States Department of Agriculture (USDA) office for the proper permits and subsequent approval.

Acquire all permits required for aquatic plant control as outlined in Chapter 62C-20, Florida Administrative Code, Rules of the Florida Department of Environmental Protection. Contact the Regional Field Office of Bureau of Invasive Plant Management of the Florida Department of Environmental Protection for proper permits and subsequent approval. If application of synthetic organo-auxin herbicides is necessary, meet the requirements of Chapter 5E-2, Florida Administrative Code.

Fertilizer: Ensure that all employees applying fertilizer, possess a current Florida Department of Agriculture and Consumer Services Commercial Applicator license in accordance with Section 482.1562, F.S. Upon request, submit the current certificates to the Engineer.

Compliance with Section 4(f) of the USDOT Act: Section 4(f) of the USDOT Act prohibits the U. S. Secretary of Transportation from approving a project which requires the use of publicly owned land of a public park, recreation area or a wildlife and waterfowl refuge, or of any historic site of national, state, or local significance unless there is no prudent or feasible alternative to using that land and the

program or project includes all possible planning to minimize the harm to the site resulting from the use.

Before undertaking any off-project activity associated with any federally assisted undertaking, ensure that the proposed site does not represent a public park, recreation area, wildlife or waterfowl refuge, or a historic site (according to the results of the Cultural Resources Survey discussed in 120-6.2). If such a site is proposed, notify the Engineer and provide a description of the proposed off-site activity, the Financial Project ID, the location of the site by township, range, section, a county or city map showing the site location, including the access route and the name of the property. It is the Contractor's responsibility to submit justification for use of Section 4(f) property that is sufficient for the Florida Department of Transportation and the Federal Highway Administration to make a Section 4(f) determination. Submit this notification sufficiently in advance of planned commencement of the off-site activity to allow a reasonable time for the Engineer to conduct an investigation without delaying job progress. Do not begin any off-project activity without obtaining written clearance from the Engineer.

OWNER FORCE ACCOUNT / COST-EFFECTIVE JUSTIFICATION

Force accounts are not permitted on this project. 23 CFR 635B.

PATENTED / PROPRIETARY MATERIALS

The Owner certifies that neither patented or proprietary materials are required or specifically named in the specifications to be used for this project.

PREVAILING MINIMUM WAGE

The prime contractor and all subcontractors working on this contract must adhere to the latest version of the Davis-Bacon wage rate tables included in Section 00010 (Attachments) of this document.

7-16 Wage Rates for Federal-Aid Projects.

For this Contract, payment of predetermined minimum wages applies.

The U.S. Department of Labor (USDOL) Wage Rates applicable to this Contract are listed in table below, as modified up through ten days prior to the opening of bids.

Wage Rate Decision Number	Associated Work
FL 20200178	Construction Type - Highway

Obtain the applicable General Decision(s) (Wage Tables) through the Department's Office of Construction website and ensure that employees receive the minimum compensation applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer's office when needed.

For guidance on the requirements for the payment of wages and benefits and the submittal of certified payrolls, and for general guidance and examples of multiple wage rates when assigned to a Contract, refer to the Department's Office of Construction website. Questions regarding wage rates

and the applicability of wage tables should be submitted in accordance with 2-4.

PROHIBITION AGAINST CONVICT PRODUCED MATERIALS

Source of Supply–Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,
2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

PUBLIC AGENCIES IN COMPETITION WITH PRIVATE SECTOR

No public agency shall be permitted to bid in competition or to enter into subcontracts with private contractors.

PUBLICLY OWNED EQUIPMENT

Publicly Owned Equipment is not permitted on this project.

STANDARDIZED CHANGES CONDITIONS CONTRACT CLAUSES

The Contractor needs to comply with FDOT Division Specifications and 23 CFR 635.109.

FROM SECTION 4 (Alteration of Work).

4-3 Alteration of Plans or of Character of Work.

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, such increases or decreases in quantities, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such increases, decreases or alterations shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered, the same as if it had been a part of the original Contract.

The term “significant change” applies only when:

1. The Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or
2. A major item of work, as defined in 1-3, is increased in excess of 125% or decreased below 75% of the original Contract quantity. The Department will apply any price adjustment for an increase in quantity only to that portion in excess of 125% of the original Contract item quantity in accordance with 4-3.2 below. In the case of a decrease below 75% the Department will only apply a price adjustment for the additional costs that are a direct result of the reduction in quantity.

In (1) above, the determination by the Engineer shall be conclusive. If the determination is challenged by the Contractor in any proceeding, the Contractor must establish by clear and convincing proof that the determination by the Engineer was without any reasonable basis.

4-3.2 Increase, Decrease or Alteration in the Work: The Engineer reserves the right to make alterations in the character of the work which involve a substantial change in the nature of the design or in the type of construction or which materially increases or decreases the cost or time of performance. Such alteration shall not constitute a breach of Contract, shall not invalidate the Contract, or release the Surety.

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely submitted a notice of intent to claim or preliminary time extension request pursuant to 5-12.2 and 8-7.3.2, submit to the Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data submitted is accurate and complete to the Contractor's best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department's responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

The monetary compensation provided for below constitutes full and complete payment for such additional work and the Contractor shall have no right to any additional monetary compensation for any direct or indirect costs or profit for any such additional work beyond that expressly provided below. The Contractor shall be entitled to a time extension only to the extent that the performance of any portion of the additional work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. All time related costs for actual performance of such additional work are included in the compensation already provided below and any time extension entitlement hereunder will be without additional monetary compensation. The Contractor shall have no right to any monetary compensation or damages whatsoever for any direct or indirect delay to a controlling work item arising out of or in any way related to the circumstances leading up to or resulting from additional work (but not relating to the actual performance of the additional work, which is paid for as otherwise provided herein), except only as provided for under 5-12.6.2.1.

4-3.2.1 Allowable Costs for Extra Work: The Engineer may direct in writing that extra work be done, and, at the Engineer's sole discretion, the Contractor will be paid pursuant to an agreed Supplemental Agreement or in the following manner:

1. Labor and Burden: The Contractor will receive payment for actual costs of direct labor and burden for the additional or unforeseen work. Labor includes foremen actually engaged in the work; and will not include project supervisory personnel nor necessary on-site clerical staff, except when the additional or unforeseen work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. Compensation for project supervisory

personnel, but in no case higher than a Project Manager's position, shall only be for the pro-rata time such supervisory personnel spent on the contract. In no case shall an officer or director of the Company, nor those persons who own more than 1% of the Company, be considered as project supervisory personnel, direct labor or foremen hereunder.

Payment for burden shall be limited solely to the following:

Table 4-3.2.1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual
Holidays, Sick & Vacation benefits	Actual
Retirement benefits	Actual
Workers Compensation	Rates based on the National Council on Compensation Insurance basic rate tables adjusted by Contractor's actual experience modification factor in effect at the time of the additional work or unforeseen work.
Per Diem	Actual but not to exceed State of Florida's rate
Insurance*	Actual
*Compensation for Insurance is limited solely to General Liability Coverage and does not include any other insurance coverage (such as, but not limited to, Umbrella Coverage, Automobile Insurance, etc.).	

At the Pre-construction conference, certify to the Engineer the following:

- a. A listing of on-site clerical staff, supervisory personnel and their pro-rated time assigned to the contract,
- b. Actual Rate for items listed in Table 4-3.2.1,
- c. Existence of employee benefit plan for Holiday, Sick and Vacation benefits, and a Retirement Plan, and,
- d. Payment of Per Diem is a company practice for instances when compensation for Per Diem is requested.

Such certification must be made by an officer or director of the Contractor with authority to bind the Contractor. Timely certification is a condition precedent to any right of the Contractor to recover compensations for such costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such costs. Any subsequent changes shall be certified to the Engineer as part of the cost proposal or seven calendar days in advance of performing such extra work.

2. Materials and Supplies: For materials accepted by the Engineer and used on the project, the Contractor will receive the actual cost of such materials incorporated into the work, including Contractor paid transportation charges (exclusive of equipment as hereinafter set forth). For supplies reasonably needed for performing the work, the Contractor will receive the actual cost of such supplies.

3. Equipment: For any machinery or special equipment (other than small tools),

including fuel and lubricant, the Contractor will receive 100% of the "Rental Rate Blue Book" for the actual time that such equipment is in operation on the work, and 50% of the "Rental Rate Blue Book" for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the "Rental Rate Blue Book for Construction Equipment" or the "Rental Rate Blue Book for Older Construction Equipment," whichever is applicable, as published by Machinery Information Division of PRIMEDIA Information, Inc. (version current at the time of bid), using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the Blue Book.

Allowable Equipment Rates will be established as set out below:

- a. Allowable Hourly Equipment Rate = $\text{Monthly Rate} / 176 \times \text{Adjustment Factors} \times 100\%$.
- b. Allowable Hourly Operating Cost = $\text{Hourly Operating Cost} \times 100\%$.
- c. Allowable Rate Per Hour = Allowable Hourly Equipment Rate + Allowable Hourly Operating Cost.
- d. Standby Rate = Allowable Hourly Equipment Rate $\times 50\%$.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Department will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Department will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

4. Indirect Costs, Expenses, and Profit: Compensation for all indirect costs, expenses, and profit of the Contractor, including but not limited to overhead of any kind, whether jobsite, field office, division office, regional office, home office, or otherwise, is expressly limited to the greater of either (a) or (b) below:

- a. Solely a mark-up of 17.5% on the payments in (1) through (3), above.

1. Bond: The Contractor will receive compensation for any premium for acquiring a bond for such additional or unforeseen work at the original Contract bond rate paid by the Contractor. No compensation for bond premium will be allowed for additional or unforeseen work paid by the Department via initial contingency pay item.

2. The Contractor will be allowed a markup of 10% on the first \$50,000 and a markup of 5% on any amount over \$50,000 on any subcontract directly related to the additional or unforeseen work. Any such subcontractor mark-up will be allowed only by the prime Contractor and a first tier subcontractor, and the Contractor must elect the markup for any eligible first tier subcontractor to do so.

- b. Solely the formula set forth below and only as applied solely as to such number of calendar days of entitlement that are in excess of ten cumulative calendar days as defined below.

$$D = \frac{A \times C}{B}$$

Where A = Original Contract Amount

B = Original Contract Time

C = 8%

D = Average Overhead Per Day

Cumulative Calendar Days is defined as the combined total number of calendar days granted as time extensions due to either extra work, excluding overruns to existing contract items, that extend the duration of the project or delay of a controlling work item caused solely by the Department, or the combined total number of calendar days for which a claim of entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined to be in favor of the Contractor.

No compensation, whatsoever, will be paid to the Contractor for any jobsite overhead and other indirect impacts when the total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be, equal to or less than ten calendar days and the Contractor also fully assumes all monetary risk of any and all partial or single calendar day delay periods, due to delay of a controlling work item caused solely by the Department, that when combined together are equal to or less than ten calendar days and regardless of whether monetary compensation is otherwise provided for hereunder for one or more calendar days of time extension entitlement for each calendar day exceeding ten calendar days. All calculations under this provision shall exclude weather days, Holidays, and Special Events.

Further, for (a) and (b) above, in the event there are concurrent delays to one or more controlling work items, one or more being caused by the Department and one or more being caused by the Contractor, the Contractor shall be entitled to a time extension for each day that a controlling work item is delayed by the Department but shall have no right to nor receive any monetary compensation for any indirect costs for any days of concurrent delay.

4-3.2.2 Subcontracted Work: Compensation for the additional or unforeseen work performed by a subcontractor shall be limited solely to that provided for in 4-3.2.1 (1), (2), (3) and (4)(a). In addition, the Contractor compensation is expressly limited to the greater of the total provided in either 4-3.2.1(4)(a) or (4)(b), except that the Average Overhead Per-Day calculation is as follows:

$$Ds = \frac{As \times C}{B}$$

Where As = Original Contract Amount minus Original Subcontract amounts(s)*

B = Original Contract Time

C = 8%

Ds = Average Overhead Per-Day

* deduct Original Subcontract Amount(s) of subcontractor(s)
performing the work

The subcontractor may receive compensation for any premium for acquiring a bond for the additional or unforeseen work; provided, however, that such payment for additional subcontractor bond will only be paid upon presentment to the Department of clear and convincing proof that the subcontractor has actually submitted and paid for separate bond premiums for such additional or unforeseen work in such amount and that the subcontractor was required by the Contractor to acquire a bond.

The Contractor shall require the subcontractor to submit a certification, in accordance with 4-3.2.1 (1), as part of the cost proposal and submit such to the Engineer. Such certification must be made by an officer or director of the subcontractor with authority to bind the subcontractor. Timely certification is a condition precedent to any right of the Contractor to recover compensation for such subcontractor costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such subcontractor costs.

4-3.3 No Waiver of Contract: Changes made by the Engineer will not be considered to waive any of the provisions of the Contract, nor may the Contractor make any claim for loss of anticipated profits because of the changes, or by reason of any variation between the approximate quantities and the quantities of work actually performed. All work shall be performed as directed by the Engineer and in accordance with the Contract Documents.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment: A Supplemental Agreement or Unilateral Payment will be used to clarify the Plans and Specifications of the Contract; to provide for unforeseen work, grade changes, or alterations in the Plans which could not reasonably have been contemplated or foreseen in the original Plans and Specifications; to change the limits of construction to meet field conditions; to provide a safe and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

A Supplemental Agreement or Unilateral Payment may be used to expand the physical limits of the project only to the extent necessary to make the project functionally operational in accordance with the intent of the original Contract. The cost of any such agreement extending the physical limits of the project shall not exceed \$100,000 or 10% of the original Contract price, whichever is greater.

Perform no work to be covered by a Supplemental Agreement or Unilateral Payment before written authorization is received from the Engineer. The Engineer's written authorization will set forth sufficient work information to allow the work to begin. The work activities, terms and conditions will be reduced to written Supplemental Agreement or Unilateral Payment form promptly thereafter. No payment will be made on a Supplemental Agreement or Unilateral Payment prior to the Department's approval of the document.

4-3.5 Extra Work: Extra work authorized in writing by the Engineer will be paid in accordance with the formula in 4-3.2. Such payment will be the full extent of all monetary compensation entitlement due to the Contractor for such extra work. Any entitlement to a time extension due to extra work will be limited solely to that provided for in 4-3.2 for additional work.

4-3.6 Connections to Existing Pavement, Drives and Walks: Generally, adhere to the limits of construction at the beginning and end of the project as detailed in the Plans. However, if the Engineer determines

that it is necessary to extend the construction in order to make suitable connections to existing pavement, the Engineer will authorize such a change in writing.

For necessary connections to existing walks and drives that are not indicated in the Plans, the Engineer will submit direction regarding the proper connections in accordance with the Design Standards.

4-3.7 Differing Site Conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the Contract, or if unknown physical conditions of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has submitted the required written notice.

The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities: The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, Design Plans (including Traffic Control Plans) or other Contract Documents and which effect a change in utility work different from that shown in the Utility Plans, joint project agreements or utility relocation schedules.

4-3.9 Cost Savings Initiative Proposal:

4-3.9.1 Intent and Objective:

1. This Subarticle applies to any cost reduction proposal (hereinafter referred to as a Proposal) that the Contractor initiates and develops for the purpose of refining the Contract to increase cost effectiveness or significantly improve the quality of the end result. A mandatory Cost Savings Initiative Workshop will be held prior to Contract Time beginning for the Contractor and Department to discuss potential Proposals. This Subarticle does not, however, apply to any such proposal unless the Contractor identifies it at the time of its submission to the Department as a proposal submitted pursuant to this Subarticle.

2. The Department will consider Proposals that would result in net savings to the Department by providing a decrease in the cost of the Contract. Proposals must result in savings without impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. However, nothing herein prohibits the Contractor from submitting Proposals when the required functions and characteristics can be combined, reduced or eliminated because they are nonessential or excessive. The Department will not recognize the Contractor's

correction of plan errors that result in a cost reduction, as a Proposal.

3. The Department reserves the right to reject at its discretion any Proposal submitted that proposes a change in the design of the pavement system or that would require additional right-of-way. Pending the Department's execution of a formal supplemental agreement implementing an approved Proposal, the Contractor shall remain obligated to perform the work in accordance with the terms of the existing Contract. The Department may grant time extensions to allow for the time required to develop and review a Proposal.

4. For potential Proposals not discussed at the Cost Savings Initiative Workshop, a mandatory concept meeting will be held for the Contractor and Department to discuss the potential Proposal prior to development of the Proposal.

4-3.9.2 Subcontractors: The Department encourages the Contractor to include the provisions of this Sub article in Contracts with subcontractors and to encourage submission of Proposals from subcontractors. However, it is not mandatory to submit Proposals to the Department or to accept or transmit subcontractor proposed Proposals to the Department.

4-3.9.3 Data Requirements: As a minimum, submit the following information with each Proposal:

1. a description of the difference between the existing Contract requirement, including any time extension request, and the proposed change, and the comparative advantages and disadvantages.

2. separate detailed cost estimates for both the existing Contract requirement and the proposed change. Break down the cost estimates by pay item numbers indicating quantity increases or decreases and deleted pay items. Identify additional proposed work not covered by pay items within the Contract, by using pay item numbers in the Basis of Estimates Manual. In preparing the estimates, include overhead, profit, and bond within pay items in the Contract. Separate pay item(s) for the cost of overhead, profit, and bond will not be allowed.

3. an itemization of the changes, deletions or additions to plan details, plan sheets, design standards and Specifications that are required to implement the Proposal if the Department adopts it. Submit preliminary plan drawings sufficient to describe the proposed changes.

4. engineering or other analysis in sufficient detail to identify and describe specific features of the Contract that must be changed if the Department accepts the Proposal with a proposal as to how these changes can be accomplished and an assessment of their effect on other project elements. The Department may require that engineering analyses be performed by a prequalified consultant in the applicable class of work. Support all design changes that result from the Proposal with drawings and computations signed and sealed by the Contractor's Engineer of Record. Written documentation or drawings will be submitted clearly delineating the responsibility of the Contractor's Engineer of Record.

5. the date by which the Department must approve the Proposal to obtain the total estimated cost reduction during the remainder of the Contract, noting any effect on the Contract completion time or delivery schedule.

6. a revised project schedule that would be followed upon approval of the Proposal. This schedule would include submittal dates and review time for the Department and Peer reviews.

4-3.9.4 Processing Procedures: Submit Proposals to the Engineer or his duly authorized representative. The Department will process Proposals expeditiously; however, the Department is not liable for any delay in acting upon a Proposal submitted pursuant to this Subarticle. The Contractor may withdraw, in whole or in part, a Proposal not accepted by the Department within the period specified in the Proposal. The Department is not liable for any Proposal development cost in the case where the Department rejects, or the

Contractor withdraws a Proposal.

The Engineer is the sole judge of the acceptability of a Proposal and of the estimated net savings in construction costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the Department reserves the right to disregard the Contract bid prices if, in the judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

Prior to approval, the Engineer may modify a Proposal, with the concurrence of the Contractor, to make it acceptable. If any modification increases or decreases the net savings resulting from the Proposal, the Department will determine the Contractor's fair share upon the basis of the Proposal as modified and upon the final quantities. The Department will compute the net savings by subtracting the revised total cost of all bid items affected by the Proposal from the total cost of the same bid items as represented in the original Contract.

Prior to approval of the Proposal that initiates the supplemental agreement, submit acceptable Contract-quality plan sheets revised to show all details consistent with the Proposal design.

4-3.9.5 Computations for Change in Contract Cost of Performance: If the Proposal is adopted, the Contractor's share of the net savings as defined hereinafter represents full compensation to the Contractor for the Proposal.

The Department will not include its costs to process and implement a Proposal in the estimate. However, the Department reserves the right, where it deems such action appropriate, to require the Contractor to pay the Department's cost of investigating and implementing a Proposal as a condition of considering such proposal. When the Department imposes such a condition, the Contractor shall accept this condition in writing, authorizing the Department to deduct amounts payable to the Department from any monies due or that may become due to the Contractor under the Contract.

4-3.9.6 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges: A Proposal that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge Plans relating to the Proposal shall undergo an independent peer review conducted by a single independent engineering firm referred to for the purposes of this article as the Independent Review Engineer who is not the originator of the Proposal design, and is pre-qualified by the Department in accordance with Rule 14-75, Florida Administrative Code. The independent peer review is intended to be a comprehensive, thorough verification of the original work, giving assurance that the design is in compliance with all Department requirements. The Independent Review Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The Independent Review Engineer shall sign and seal the submittal cover letter stating that all comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the Independent Review Engineer shall specifically list all unresolved issues in the signed and sealed cover letter.

The Contractor shall designate a primary engineer responsible for the Proposal design and as such will be designated as the Contractors Engineer of Record for the Proposal design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for design of the entire structure.

New designs and independent peer reviews shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.

4-3.9.7 Sharing Arrangements: If the Department approves a Proposal, the Contractor shall receive 50% of the net reduction in the cost of performance of the Contract as determined by the final negotiated

agreement between the Contractor and the Department. The net reduction will be determined by subtracting from the savings of the construction costs the reasonable documented engineering costs incurred by the contractor to design and develop a Proposal. The reasonable documented engineering costs will be paid by the Department. Engineering costs will be based on the consultant's certified invoice and may include the costs of the Independent Review Engineer in 4-3.9.6. The total engineering costs to be subtracted from the savings to determine the net reduction will be limited to 25% of the construction savings and shall not include any markup by the Contractor or the costs for engineering services performed by the Contractor.

4-3.9.8 Notice of Intellectual Property Interests and Department's Future Rights to a Proposal:

4-3.9.8.1 Notice of Intellectual Property Interests: The Contractor's Proposal submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other entity who contributed in any measure to the substance of the Contractor's Proposal development, have or may have that are in whole or in part implicated in the Proposal. Such required intellectual property rights notice includes, but is not limited to, disclosure of any issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future. This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the Proposal that are already on the Department's Approved Product List (APL) or Standard Plans or are otherwise generally known in the industry as being subject to patent or copyright protection.

4-3.9.8.2 Department's Future Rights to a Proposal: Notwithstanding 7-3 nor any other provision of the Standard Specifications, upon acceptance of a Proposal, the Contractor hereby grants to the Department and its contractors (such grant being expressly limited solely to any and all existing or future Department construction projects and any other Department projects that are partially or wholly funded by or for the Department) a royalty-free and perpetual license under all forms of intellectual property rights to manufacture, to use, to design, to construct, to disclose, to reproduce, to prepare and fully utilize derivative works, to distribute, display and publish, in whole or in part, and to permit others to do any of the above, and to otherwise in any manner and for any purpose whatsoever do anything reasonably necessary to fully utilize any and all aspects of such Proposal on any and all existing and future construction projects and any other Department projects.

Contractor shall hold harmless, indemnify and defend the Department and its contractors and others in privity therewith from and against any and all claims, liabilities, other obligations or losses, and reasonable expenses related thereto (including reasonable attorneys' fees), which are incurred or are suffered by any breach of the foregoing grants, and regardless of whether such intellectual property rights were or were not disclosed by the Contractor pursuant to 4-3.9.8.1, unless the Department has by express written exception in the Proposal acceptance process specifically released the Contractor from such obligation to hold harmless, indemnify and defend as to one or more disclosed intellectual property rights.

FROM SECTION 5 – CONTROL OF THE WORK (Claims).

5-12 Claims by Contractor.

5-12.1 General: When the Contractor deems that extra compensation or a time extension is due beyond that agreed to by the Engineer, whether due to delay, additional work, altered work, differing site conditions, breach of Contract, or for any other cause, the Contractor shall follow the procedures set forth herein for preservation, presentation and resolution of the claim.

Submission of timely notice of intent to file a claim, preliminary time extension request, time extension request, and the certified written claim, together with full and complete claim documentation, are each a condition precedent to the Contractor bringing any circuit court, arbitration, or other formal claims resolution proceeding against the Department for the items and for the sums or time set forth in the Contractor's certified written claim. The failure to provide such notice of intent, preliminary time extension request, time extension request, certified written claim and full and complete claim documentation within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for such claim.

5-12.2 Notice of Claim:

5-12.2.1 Claims For Extra Work: Where the Contractor deems that additional compensation or a time extension is due for work or materials not expressly provided for in the Contract or which is by written directive expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit written notification to the Engineer of the intention to make a claim for additional compensation before beginning the work on which the claim is based, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay and a request for Contract Time extension pursuant to 8-7.3.2 within thirty calendar days after the elimination of the delay. If such written notification is not submitted and the Engineer is not afforded the opportunity for keeping strict account of actual labor, material, equipment, and time, the Contractor waives the claim for additional compensation or a time extension. Such notice by the Contractor, and the fact that the Engineer has kept account of the labor, materials and equipment, and time, shall not in any way be construed as establishing the validity of the claim or method for computing any compensation or time extension for such claim. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9. However, for any claim or part of a claim that pertains solely to final estimate quantities disputes the Contractor shall submit full and complete claim documentation as described in 5-12.3 and duly certified pursuant to 5-12.9, as to such final estimate claim dispute issues, within 90 or 180 calendar days, respectively, of the Contractor's receipt of the Department's final estimate.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten-calendar day notice shall constitute a waiver of the claim.

5-12.2.2 Claims For Delay: Where the Contractor deems that additional compensation or a time extension is due on account of delay, differing site conditions, breach of Contract, or any other cause other than for work or materials not expressly provided for in the Contract (Extra Work) or which is by written directive of the Engineer expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit a written notice of intent to the Engineer within ten days after commencement of a delay to a controlling work item expressly notifying the Engineer that the Contractor intends to seek additional compensation, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay to a controlling work item, as to such delay and providing a reasonably complete description as to the cause and nature of the delay and the possible impacts to the Contractor's work by such delay, and a request for Contract Time extension pursuant to 8-7.3.2 within thirty

calendar days after the elimination of the delay. On projects with an original Contract amount of \$3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than \$3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete documentation as described in 5-12.3 and duly certified pursuant to 5-12.9.

If the Contractor fails to submit a certificate of claim as described in 5-12.9, the Department will so notify the Contractor in writing. The Contractor shall have ten calendar days from receipt of the notice to resubmit the claim documentation, without change, with a certificate of claim as described in 5-12.9, without regard to whether the resubmission is within the applicable 90 or 180 calendar day deadline for submission of full and complete claim documentation. Failure by the Contractor to comply with the ten-calendar day notice shall constitute a waiver of the claim.

There shall be no Contractor entitlement to any monetary compensation or time extension for any delays or delay impacts, whatsoever, that are not to a controlling work item, and then as to any such delay to a controlling work item entitlement to any monetary compensation or time extension shall only be to the extent such is otherwise provided for expressly under 4-3 or 5-12, except that in the instance of delay to a non-controlling item of work the Contractor may be compensated for the direct costs of idle labor or equipment only, at the rates set forth in 4-3.2.1(1) and (3), and then only to the extent the Contractor could not reasonably mitigate such idleness.

5-12.3 Content of Written Claim: As a condition precedent to the Contractor being entitled to additional compensation or a time extension under the Contract, for any claim, the Contractor shall submit a certified written claim to the Department which will include for each individual claim, at a minimum, the following information:

1. A detailed factual statement of the claim providing all necessary dates, locations, and items of work affected and included in each claim;
2. The date or dates on which actions resulting in the claim occurred or conditions resulting in the claim became evident;
3. Identification of all pertinent documents and the substance of any material oral communications relating to such claim and the name of the persons making such material oral communications;
4. Identification of the provisions of the Contract which support the claim and a statement of the reasons why such provisions support the claim, or alternatively, the provisions of the Contract which allegedly have been breached and the actions constituting such breach;
5. A detailed compilation of the amount of additional compensation sought and a breakdown of the amount sought as follows:
 - a. documented additional job site labor expenses;
 - b. documented additional cost of materials and supplies;
 - c. a list of additional equipment costs claimed, including each piece of equipment and the rental rate claimed for each;
 - d. any other additional direct costs or damages and the documents in support thereof;

e. any additional indirect costs or damages and all documentation in support thereof.

6. A detailed compilation of the specific dates and the exact number of calendar days sought for a time extension, the basis for entitlement to time for each day, all documentation of the delay, and a breakout of the number of days claimed for each identified event, circumstance, or occurrence.

Further, the Contractor shall be prohibited from amending either the bases of entitlement or the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder, and any circuit court, arbitration, or other formal claims resolution proceeding shall be limited solely to the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder. This shall not, however, preclude a Contractor from withdrawing or reducing any of the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder at any time.

5-12.4 Action on Claim: The Engineer will respond in writing on projects with an original Contract amount of \$3,000,000 or less within 90 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3, and on projects with an original Contract amount greater than \$3,000,000 within 120 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3. Failure by the Engineer to respond to a claim in writing within 90 or 120 days, respectively, after receipt of a complete claim submitted by the Contractor in compliance with 5-12.3 constitutes a denial of the claim by the Engineer. If the Engineer finds the claim or any part thereof to be valid, such partial or whole claim will be allowed and paid for to the extent deemed valid and any time extension granted, if applicable, as provided in the Contract. No circuit court or arbitration proceedings on any claim, or a part thereof, may be filed until after final acceptance per 5-11 of all Contract work by the Department or denial hereunder, whichever occurs last.

5-12.5 Pre-Settlement and Pre-Judgment Interest: Entitlement to any pre-settlement or pre-judgment interest on any claim amount determined to be valid subsequent to the Department's receipt of a certified written claim in full compliance with 5-12.3, whether determined by a settlement or a final ruling in formal proceedings, the Department shall pay to the Contractor simple interest calculated at the Prime Rate (as reported by the Wall Street Journal as the base rate on corporate loans posted by at least 75% of the nation's 30 largest banks) as of the 60th calendar day following the Department's receipt of a certified written claim in full compliance with 5-12.3, such interest to accrue beginning 60 calendar days following the Department's receipt of a certified written claim in full compliance with 5-12.3 and ending on the date of final settlement or formal ruling.

5-12.6 Compensation for Extra Work or Delay:

5-12.6.1 Compensation for Extra Work: Notwithstanding anything to the contrary contained in the Contract Documents, the Contractor shall not be entitled to any compensation beyond that provided for in 4-3.2.

5-12.6.2 Compensation for Delay: Notwithstanding anything to the contrary contained in the Contract Documents, the additional compensation set forth in 5-12.6.2.1 shall be the Contractor's sole monetary remedy for any delay other than to perform extra work caused by the Department unless the delay shall have been caused by acts constituting willful or intentional interference by the Department with the Contractor's performance of the work and then only where such acts continue after Contractor's written notice to the Department of such interference. The parties anticipate that delays may be caused by or arise from any number of events during the term of the Contract, including, but not limited to, work performed, work deleted, supplemental agreements, work orders, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right-of-way issues, permitting issues, actions of suppliers, subcontractors

or other contractors, actions by third parties, suspensions of work by the Engineer pursuant to 8-6.1, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, special events, suspension of Contract Time, or other events, forces or factors sometimes experienced in construction work. Such delays or events and their potential impacts on the performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not be deemed to constitute willful or intentional interference with the Contractor's performance of the work without clear and convincing proof that they were the result of a deliberate act, without reasonable and good-faith basis, and specifically intended to disrupt the Contractor's performance.

5-12.6.2.1 Compensation for Direct Costs, Indirect Costs, Expenses, and Profit thereon, of or from Delay: For any delay claim, the Contractor shall be entitled to monetary compensation for the actual idle labor and equipment, and indirect costs, expenses, and profit thereon, as provided for in 4-3.2.1(4) and solely for costs incurred beyond what reasonable mitigation thereof the Contractor could have undertaken.

5-12.7 Mandatory Claim Records: After submitting to the Engineer a notice of intent to file a claim for extra work or delay, the Contractor must keep daily records of all labor, material and equipment costs incurred for operations affected by the extra work or delay. These daily records must identify each operation affected by the extra work or delay and the specific locations where work is affected by the extra work or delay, as nearly as possible. The Engineer may also keep records of all labor, material and equipment used on the operations affected by the extra work or delay. The Contractor shall, once a notice of intent to claim has been timely filed, and not less than weekly thereafter as long as appropriate, submit the Contractor's daily records to the Engineer and be likewise entitled to receive the Department's daily records. The daily records to be submitted hereunder shall be done at no cost to the recipient.

5-12.8 Claims for Acceleration: The Department shall have no liability for any constructive acceleration of the work, nor shall the Contractor have any right to make any claim for constructive acceleration nor include the same as an element of any claim the Contractor may otherwise submit under this Contract. If the Engineer gives express written direction for the Contractor to accelerate its efforts, such written direction will set forth the prices and other pertinent information and will be reduced to a written Contract Document promptly. No payment will be made on a Supplemental Agreement for acceleration prior to the Department's approval of the documents.

5-12.9 Certificate of Claim: When submitting any claim, the Contractor shall certify under oath and in writing, in accordance with the formalities required by Florida law, that the claim is made in good faith, that the supportive data are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the claim accurately reflects what the Contractor in good faith believes to be the Department's liability. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor.

5-12.10 Non-Recoverable Items: The parties agree that for any claim the Department will not have liability for the following items of damages or expense:

1. Loss of profit, incentives, or bonuses;
2. Any claim for other than extra work or delay;
3. Consequential damages, including, but not limited to, loss of bonding capacity, loss of bidding opportunities, loss of credit standing, cost of financing, interest paid, loss of other work or insolvency;
4. Acceleration costs and expenses, except where the Department has expressly and specifically directed the Contractor in writing "to accelerate at the Department's expense"; nor

5. Attorney fees, claims preparation expenses and costs of litigation.

5-12.11 Exclusive Remedies: Notwithstanding any other provision of this Contract, the parties agree that the Department shall have no liability to the Contractor for expenses, costs, or items of damages other than those which are specifically identified as payable under 5-12. In the event any legal action for additional compensation, whether on account of delay, acceleration, breach of contract, or otherwise, the Contractor agrees that the Department's liability will be limited to those items which are specifically identified as payable in 5-12.

5-12.12 Settlement Discussions: The content of any discussions or meetings held between the Department and the Contractor to settle or resolve any claims submitted by the Contractor against the Department shall be inadmissible in any legal, equitable, arbitration or administrative proceedings brought by the Contractor against the Department for payment of such claim. Dispute Resolution Board, State Arbitration Board and Claim Review Committee proceedings are not settlement discussions, for purposes of this provision.

5-12.13 Personal Liability of Public Officials: In carrying out any of the provisions of the Contract or in exercising any power or authority granted to the Secretary of Transportation, Engineer or any of their respective employees or agents, there shall be no liability on behalf of any employee, officer or official of the Department for which such individual is responsible, either personally or as officials or representatives of the Department. It is understood that in all such matters such individuals act solely as agents and representatives of the Department.

5-12.14 Auditing of Claims: All claims filed against the Department shall be subject to audit at any time following the filing of the claim, whether or not such claim is part of a suit pending in the Courts of this State. The audit may be performed, at the Department's sole discretion, by employees of the Department or by any independent auditor appointed by the Department, or both. The audit may begin after ten days written notice to the Contractor, subcontractor, or supplier. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. As a condition precedent to recovery on any claim, the Contractor, subcontractor, or supplier must retain sufficient records, and provide full and reasonable access to such records, to allow the Department's auditors to verify the claim and failure to retain sufficient records of the claim or failure to provide full and reasonable access to such records shall constitute a waiver of that portion of such claim that cannot be verified and shall bar recovery thereunder. Further, and in addition to such audit access, upon the Contractor submitting a written claim, the Department shall have the right to request and receive, and the Contractor shall have the affirmative obligation to submit to the Department any and all documents in the possession of the Contractor or its subcontractors, materialmen or suppliers as may be deemed relevant by the Department in its review of the basis, validity or value of the Contractor's claim.

Without limiting the generality of the foregoing, the Contractor shall upon written request of the Department make available to the Department's auditors, or upon the Department's written request, submit at the Department's expense, any or all of the following documents:

1. Daily time sheets and foreman's daily reports and diaries;
2. Insurance, welfare, and benefits records;
3. Payroll register;
4. Earnings records;
5. Payroll tax return;
6. Material invoices, purchase orders, and all material and supply acquisition contracts;

7. Material cost distribution worksheet;
8. Equipment records (list of company owned, rented or other equipment used);
9. Vendor rental agreements and subcontractor invoices;
10. Subcontractor payment certificates;
11. Canceled checks for the project, including, payroll and vendors;
12. Job cost report;
13. Job payroll ledger;
14. General ledger, general journal, (if used) and all subsidiary ledgers and journals together with all supporting documentation pertinent to entries made in these ledgers and journals;
15. Cash disbursements journal;
16. Financial statements for all years reflecting the operations on this project;
17. Income tax returns for all years reflecting the operations on this project;
18. All documents which reflect the Contractor's actual profit and overhead during the years this Contract was being performed and for each of the five years prior to the commencement of this Contract;
19. All documents related to the preparation of the Contractor's bid including the final calculations on which the bid was based;
20. All documents which relate to each and every claim together with all documents which support the amount of damages as to each claim;
21. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents that establish which time periods and individuals were involved, and the hours and rates for such individuals.

STATE (FLORIDA OR OTHER)-PRODUCED MATERIALS

The Contractor needs to comply with FDOT Division Specifications and 23 CFR 635.409.

FROM SECTION 6 – CONTROL OF MATERIALS (Convict Labor and Buy America).

6-5 Products and Source of Supply.

6-5.1 Source of Supply–Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1. Materials produced by convicts on parole, supervised release, or probation from a prison or,
2. Materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

6-5.2 Source of Supply-Steel: Use steel and iron manufactured in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melting and continuing through the final shaping and coating. If a steel or iron product is taken outside the United States for any manufacturing process, it becomes foreign source material. When using steel or iron materials as a component of any manufactured product (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply. Foreign steel and iron may be used when the total actual cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron, stating that all steel or iron furnished or incorporated into the furnished product was produced and manufactured in the United States or a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual cost). Submit each such certification to the Engineer prior to incorporating the material or product into the project. Prior to the use of foreign steel or iron materials on a project, submit invoices to document the actual cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project

STATE / LOCAL OWNED / FURNISHED / DESIGNATED MATERIALS

Contracts for highway projects shall require the contractor to furnish all materials to be incorporated in the work as per 23 CFR 635.407. Preference programs or materials purchasing requirements or restrictions are not allowed

56 FR 37004, Aug. 2, 1991, as amended at 67 FR 75925, Dec. 10, 2002]

SUBCONTRACTING

FDOT STANDARD SPECIFICATION 8-1

8-1 Subletting or Assigning of Contracts.

Do not, sell, transfer, assign or otherwise dispose of the Contract or Contracts or any portion thereof, or of the right, title, or interest therein, without written consent of the Department. If the Contractor

chooses to sublet any portion of the Contract, the Contractor must provide a written request to sublet work on the Certification of Sublet Work form developed by the Department for this purpose. With the Engineer's acceptance of the request, the Contractor may sublet a portion of the work, but shall perform with his own organization work amounting to not less than 30% of the total Contract amount. The Certification of Sublet Work request will be deemed acceptable by the Department, for purposes of the Department's consent, unless the Engineer notifies the Contractor within 5 business days of receipt of the Certification of Sublet Work that the Department is not consenting to the requested subletting.

Include in the total Contract amount the cost of materials and manufactured component products, and their transportation to the project site. For the purpose of meeting this requirement the Department will not consider off-site commercial production of materials and manufactured component products that the Contractor purchases, or their transportation to the project, as subcontracted work.

If the Contractor sublets a part of a Contract item, the Department will use only the sublet proportional cost in determining the percentage of subcontracted normal work.

Execute all agreements to sublet work in writing and include all pertinent provisions and requirements of the Contract. Upon request, furnish the Department with a copy of the subcontract. The subletting of work does not relieve the Contractor or the surety of their respective liabilities under the Contract.

The Department recognizes a subcontractor only in the capacity of an employee or agent of the Contractor, and the Engineer may require the Contractor to remove the subcontractor as in the case of an employee.

SUSPENSION AND DEBARMENTS

Contractor shall comply with 49 CFR 29.

Proposers shall fill FDOT Form 375-030-32.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION-
LOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS**
(Compliance with 2 CFR Parts 180 and 1200)

375-030-32
PROCUREMENT
11/15

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant/Contractor: _____

By: _____

Date: _____

Title: _____

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

TIME EXTENSION

FDOT STANDARD SPECIFICATIONS

8-7.3.2 Contract Time Extensions: The Department may grant an extension of Contract Time when a controlling item of work is delayed by factors not reasonably anticipated or foreseeable at the time of bid. The Department may allow such extension of time only for delays occurring during the Contract Time period or authorized extensions of the Contract Time period. When failure by the Department to fulfill an obligation under the Contract results in delays to the controlling items of work, the Department will consider such delays as a basis for granting a time extension to the Contract.

Whenever the Engineer suspends the Contractor's operations, as provided in 8-6, for reasons other than the fault of the Contractor, the Engineer will grant a time extension for any delay to a controlling item of work due to such suspension.

The Department will not grant time extensions to the Contract for delays due to the fault or negligence of the Contractor. The Department does not include an allowance for delays caused by the effects of inclement weather or suspension of Contractor's operations due to holidays as defined in 8-6.4, in establishing Contract Time. The Engineer will continually monitor the effects of weather and, when found justified, grant time extensions on either a bimonthly or monthly basis. The Engineer will not require the Contractor to submit a request for additional time due to the effects of weather.

The Department will grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations due to holidays that prevent the Contractor from productively performing controlling items of work resulting in:

- (1) The Contractor being unable to work at least 50% of the normal workday on pre-determined controlling work items due to adverse weather conditions, holiday suspension; or
- (2) The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items. No additional compensation will be made for delays caused by the effects of inclement weather.

The Department will consider the delays in delivery of materials or component equipment that affect progress on a controlling item of work as a basis for granting a time extension if such delays are beyond the control of the Contractor or supplier. Such delays may include an area-wide shortage, an industry- wide strike, or a natural disaster that affects all feasible sources of supply. In such cases, the Contractor shall furnish substantiating letters from a representative number of manufacturers of such materials or equipment clearly confirming that the delays in delivery were the result of an area-wide shortage, an industry-wide strike, etc.

No additional compensation will be made for delays caused by delivery of materials or component equipment. The Department will not consider requests for time extension due to delay in the delivery of custom manufactured equipment such as traffic signal equipment, highway lighting equipment, etc., unless the Contractor furnishes documentation that he placed the order for such equipment in a timely manner, the delay was caused by factors beyond the manufacturer's control, and the lack of such equipment caused a delay in progress on a controlling item of work. No additional compensation will be paid for delays caused by delivery of custom manufactured equipment.

The Department will consider the effect of utility relocation and adjustment work on job progress as the basis for granting a time extension only if all the following criteria are met:

- (1) Delays are the result of either utility work that was not detailed in the plans, or utility work that was detailed in the plans but was not accomplished in reasonably close accordance with the schedule included in the Contract Documents.
- (2) Utility work actually affected progress toward completion of controlling work items.
- (3) The Contractor took all reasonable measures to minimize the effect of utility work on job progress, including cooperative scheduling of the Contractor's operations with the scheduled utility work at the preconstruction conference and providing adequate advance notification to utility companies as to the dates to coordinate their operations with the Contractor's operations to avoid delays.

As a condition precedent to an extension of Contract Time the Contractor must submit to the Engineer: A preliminary request for an extension of Contract Time must be made in writing to the Engineer within ten calendar days after the commencement of a delay to a controlling item of work. If the Contractor fails to submit this required preliminary request for an extension of Contract Time, the Contractor fully, completely, absolutely and irrevocably waives any entitlement to an extension of Contract Time for that delay. In the case of a continuing delay only a single preliminary request for an extension of Contract Time will be required. Each such preliminary request for an extension of Contract Time shall include as a minimum the commencement date of the delay, the cause of the delay, and the controlling item of work affected by the delay; and

Further, the Contractor must submit to the Engineer a request for a Contract Time extension in writing within 30 days after the elimination of the delay to the controlling item of work identified in the preliminary request for an extension of Contract Time. Each request for a Contract Time extension shall include as a minimum all documentation that the Contractor wishes the Department to consider related to the delay, and the exact number of days requested to be added to Contract Time. If the Contractor contends that the delay is compensable, then the Contractor shall also be required to submit with the request for a Contract Time extension a detailed cost analysis of the requested additional compensation. If the Contractor fails to submit this required request for a Contract Time extension, with or without a detailed cost analysis, depriving the Engineer of the timely opportunity to verify the delay and the costs of the delay, the Contractor waives any entitlement to an extension of Contract Time or additional compensation for the delay.

Upon timely receipt of the preliminary request of Contract Time from the Contractor, the Engineer will investigate the conditions, and if it is determined that a controlling item of work is being delayed for reasons beyond the control of the Contractor the Engineer will take appropriate action to mitigate the delay and the costs of the delay. Upon timely receipt of the request for a Contract Time extension the Engineer will further investigate the conditions, and if it is determined that there was an increase in the time or the cost of performance of the controlling item of work beyond the control of the Contractor, then an adjustment of Contract Time will be made, and a monetary adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly.

The existence of an accepted schedule, including any required update(s), as stated in 8-3.2, is a condition precedent to the Contractor having any right to the granting of an extension of contract time or any monetary compensation arising out of any delay. Contractor failure to have an accepted schedule, including any required update(s), for the period of potential impact, or in the event the currently accepted schedule and applicable updates do not accurately reflect the actual status of the project or fail to accurately show the true controlling or non-controlling work activities for the period

of potential impact, will result in any entitlement determination as to time or money for such period of potential impact being limited solely to the Department's analysis and identification of the actual controlling or non-controlling work activities. Further, in such instances, the Department's determination as to entitlement as to either time or compensability will be final, unless the Contractor can prove by clear and convincing evidence to a Disputes Review Board that the Department's determination was without any reasonable factual basis.

WARRANTY CLAUSES

The improvements and work performed by the CONTRACTOR will be under warranty for deficiencies or faulty work for a period of one (1) year after final acceptance. All records pertaining to maintenance and monitoring of the improvements will be maintained by the City. Maintenance of the improvements during the warranty period will be performed by the City.

SECTION 00010 – ATTACHMENTS

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
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ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

General Decision Number: FL20210178 01/01/2021

Superseded General Decision Number: FL20200178

State: Florida

Construction Type: Highway

County: Miami-Dade County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number Publication Date

0 01/01/2021

* ELEC0349-002 09/01/2020

	Rates	Fringes
ELECTRICIAN.....	\$ 36.36	11.82

SUFL2013-039 08/19/2013

	Rates	Fringes
CARPENTER.....	\$ 17.84	0.00
CEMENT MASON/CONCRETE		
FINISHER, Includes Form Work.....	\$ 15.49	0.00
FENCE ERECTOR.....	\$ 12.82	0.00

HIGHWAY/PARKING LOT STRIPING:

Operator (Striping Machine).....\$ 15.07 0.00

HIGHWAY/PARKING LOT STRIPING:

Painter.....\$ 12.13 0.00

HIGHWAY/PARKING LOT STRIPING:

Operator (Spray Nozzleman).....\$ 11.16 0.00

INSTALLER - GUARDRAIL.....\$ 13.43 0.00

IRONWORKER, ORNAMENTAL.....\$ 13.48 0.00

IRONWORKER, REINFORCING.....\$ 18.43 0.00

IRONWORKER, STRUCTURAL.....\$ 16.42 0.00

LABORER (Traffic Control Specialist incl.
placing of cones/barricades/barrels - Setter,
Mover, Sweeper).....\$ 11.59 0.00

LABORER: Asphalt, Includes Raker, Shoveler,
Spreader and Distributor.....\$ 12.31 0.00

LABORER: Common or General.....\$ 10.69 0.00

LABORER: Flagger.....\$ 12.53 0.00

LABORER: Grade Checker.....\$ 12.41 0.00

LABORER: Landscape & Irrigation.....\$ 9.02 0.00

LABORER: Mason Tender - Cement/Concrete.\$ 13.91 3.50

LABORER: Pipelayer.....\$ 15.02 0.00

OPERATOR: Backhoe/Excavator/Track hoe..\$ 16.24 0.00

OPERATOR: Bobcat/Skid Steer/Skid Loader.\$ 12.88 0.00

OPERATOR: Boom.....\$ 18.95 0.00

OPERATOR: Boring Machine.....\$ 15.29 0.00

OPERATOR: Broom/Sweeper.....\$ 13.01 0.00

OPERATOR: Bulldozer.....\$ 16.77 0.00

OPERATOR: Concrete Finishing Machine.....\$ 15.44 0.00

OPERATOR: Concrete Saw.....\$ 14.43 0.00

OPERATOR: Crane.....	\$ 22.46	0.00
OPERATOR: Curb Machine.....	\$ 20.74	0.00
OPERATOR: Distributor.....	\$ 13.29	0.00
OPERATOR: Drill.....	\$ 14.78	0.00
OPERATOR: Forklift.....	\$ 16.32	0.00
OPERATOR: Gradall.....	\$ 14.71	0.00
OPERATOR: Grader/Blade.....	\$ 20.22	3.85
OPERATOR: Loader.....	\$ 15.53	0.00
OPERATOR: Mechanic.....	\$ 18.03	0.00
OPERATOR: Milling Machine.....	\$ 14.67	0.00
OPERATOR: Oiler.....	\$ 16.32	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 13.61	0.00
OPERATOR: Piledriver.....	\$ 17.23	0.00
OPERATOR: Post Driver (Guardrail/ Fences).....	\$ 14.45	0.00
OPERATOR: Roller.....	\$ 13.67	0.00
OPERATOR: Scraper.....	\$ 12.01	0.00
OPERATOR: Screed.....	\$ 14.15	0.00
OPERATOR: Tractor.....	\$ 12.19	0.00
OPERATOR: Trencher.....	\$ 14.74	0.00
PAINTER: Spray.....	\$ 16.52	0.00
SIGN ERECTOR.....	\$ 12.96	0.00
TRAFFIC SIGNALIZATION:		
Traffic Signal Installation.....	\$ 19.07	0.00
TRUCK DRIVER: Distributor Truck.....	\$ 14.96	2.17
TRUCK DRIVER: Dump Truck.....	\$ 12.19	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.28	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 15.07	0.00

TRUCK DRIVER: Slurry Truck.....	\$ 11.96	0.00
TRUCK DRIVER: Vactor Truck.....	\$ 14.21	0.00
TRUCK DRIVER: Water Truck.....	\$ 13.17	1.60

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts. Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four-letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014. Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of

Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier. Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier. A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed. With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations.

Write to:

**Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210**

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).

Write to:

**Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210**

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

- 3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board).

Write to:

**Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210**

- 4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

EARTHWORK AND RELATED OPERATIONS
EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM).
(REV 1-8-18) (FA 1-9-18)

SECTION 120
EARTHWORK AND RELATED OPERATIONS FOR LAP (OFF-SYSTEM)

120-1 Description.

120-1.1 General: Perform earthwork and related operations based on the type of work specified in the Contract and the Earthwork Categories as defined below. Meet the applicable requirements for materials, equipment and construction as specified.

Earthwork and related operations consist of excavation for the construction of the roadway, excavation for structures and pipe, constructing backfill around structures and pipe, and constructing embankments as required for the roadway, ditches, and channel changes.

120-1.2 Earthwork Categories: Performance of Earthwork Operations will fall into one of the following Earthwork Categories:

120-1.2.1 Earthwork Category 1: Includes the earthwork and related operations associated with the construction of sidewalks and bike paths along with any drainage structures associated with these facilities.

120-1.2.2 Earthwork Category 2: Includes the earthwork and related operations associated with the construction of turn lanes and other non-mainline traffic lanes, widening, roadway shoulders, concrete box culverts, retaining walls, and other drainage structures on the non-mainline pavement.

120-1.2.3 Earthwork Category 3: Includes the earthwork and related operations associated with the construction of new mainline pavement, along with concrete box culverts, retaining walls, and other drainage structures on the mainline pavement.

120-2 Classes of Excavation.

120-2.1 Excavation of Unsuitable Material: Excavation of unsuitable material consists of the removal of muck, clay, rock or any other material that is unsuitable in its original position and that is excavated below the finished grading template. For stabilized bases and sand bituminous road mixes, the finished grading template is the top of the finished base, shoulders and slopes. For all other bases and rigid pavement, the finished grading template is the finished shoulder and slope lines and bottom of completed base or rigid pavement.

120-2.2 Lateral Ditch Excavation: Lateral ditch excavation consists of all excavation of inlet and outlet ditches to structures and roadway, changes in channels of streams, and ditches parallel to the roadway right-of-way. Dress lateral ditches to the grade and cross-section shown in the plans.

120-2.3 Channel Excavation: Channel excavation consists of the excavation and satisfactory disposal of all materials from the limits of the channel as shown in the plans.

120-2.4 Excavation for Structures and Pipe: Excavation for structures consists of the excavation for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3 Excavation Requirements.

120-3.1 Excavation and Replacement of Unsuitable Materials: Where rock, muck, clay, or other material within the limits of the roadway is unsuitable in its original position, excavate such material to the cross-sections shown in the plans or indicated by the Engineer, and backfill with suitable material. Shape backfill

materials to the required cross-sections. Where the removal of plastic soils below the finished earthwork grade is required, meet a construction tolerance of plus or minus 0.2 foot in depth and plus or minus 6 inches (each side) in width.

120-3.2 Lateral Ditch Excavation: Excavate inlet and outlet ditches to structures and roadway, changes in channels of streams and ditches parallel to the roadway. Dress lateral ditches to the grade and cross-section shown in the plans.

120-3.3 Channel Excavation: Excavate and dispose of all materials from the limits of the channel as shown in the plans. Excavate for bridge foundations, box culverts, pipe culverts, storm sewers and all other pipe lines, retaining walls, headwalls for pipe culverts and drains, catch basins, drop inlets, manholes, and similar structures.

120-3.4 Excavation for Structures and Pipe.

120-3.4.1 Requirements for all Excavation: Excavate foundation pits to permit the placing of the full widths and lengths of footings shown in the plans, with full horizontal beds. Do not round or undercut corners or edges of footings. Perform all excavation to foundation materials, satisfactory to the Engineer, regardless of the elevation shown on the plans. Perform all excavation in stream beds to a depth at least 4 feet below the permanent bed of the stream, unless a firm footing can be established on solid rock before such depth is reached and excavate to such additional depth as may be necessary to eliminate any danger of undermining. Wherever rock bottom is secured, excavate in such manner as to allow the solid rock to be exposed and prepared in horizontal beds for receiving the masonry. Remove all loose and disintegrated rock or thin strata. Have the Engineer inspect and approve all foundation excavations prior to placing masonry.

120-3.4.2 Earth Excavation:

120-3.4.2.1 Foundation Material other than the Rock: When masonry is to rest on an excavated surface other than rock, take special care to avoid disturbing the bottom of the excavation, and do not remove the final foundation material to grade until just before placing the masonry. In case the foundation material is soft or mucky, the Engineer may require excavation to a greater depth and to backfill to grade with approved material.

120-3.4.2.2 Foundation Piles: Where foundation piles are used, complete the excavation of each pit before driving the piles. After the driving is completed, remove all loose and displaced material, leaving a smooth, solid, and level bed to receive the masonry.

120-3.4.2.3 Removal of Obstructions: Remove boulders, logs, or any unforeseen obstacles encountered in excavating.

120-3.4.3 Rock Excavation: Clean all rock and other hard foundation material, remove all loose material, and cut all rock to a firm surface. Either level, step vertically and horizontally, or serrate the rock, as may be directed by the Engineer. Clean out all seams and fill them with concrete or mortar.

120-3.4.4 Pipe Trench Excavation: Excavate trenches for pipe culverts and storm sewers to the elevation of the bottom of the pipe and to a width sufficient to provide adequate working room. Remove soil not meeting the classification specified as suitable backfill material in 120-8.3.2.2 to a depth of 4 inches below the bottom of the pipe elevation. Remove rock, boulders or other hard lumpy or unyielding material to a depth of 12 inches below the bottom of the pipe elevation. Remove muck or other soft material to a depth necessary to establish a firm foundation. Where the soils permit, ensure that the trench sides are vertical up to at least the mid-point of the pipe.

For pipe lines placed above the natural ground line, place and compact the embankment, prior to excavation of the trench, to an elevation at least 2 feet above the top of the pipe and to a width equal to

four pipe diameters, and then excavate the trench to the required grade.

120-4 Disposal of Surplus and Unsuitable Material.

120-4.1 Ownership of Excavated Materials: Dispose of surplus and excavated materials as shown in the plans or, if the plans do not indicate the method of disposal, take ownership of the materials and dispose of them outside the right-of-way.

120-4.2 Disposal of Muck on Side Slopes: As an exception to the provisions of 120-4.1, when approved by the Engineer, muck (A-8 material) may be placed on the slopes, or stored alongside the roadway, provided there is a clear distance of at least 6 feet between the roadway grading limits and the muck, and the muck is dressed to present a neat appearance. In addition, this material may also be disposed of by placing it on the slopes where, in the opinion of the Engineer, this will result in an aesthetically pleasing appearance and will have no detrimental effect on the adjacent developments. Where the Engineer permits the disposal of muck or other unsuitable material inside the right-of-way limits, do not place such material in a manner which will impede the inflow or outfall of any channel or of side ditches. The Engineer will determine the limits adjacent to channels within which such materials may be disposed.

120-4.3 Disposal of Paving Materials: Unless otherwise noted, take ownership of paving materials, such as paving brick, asphalt block, concrete slab, sidewalk, curb, and gutter, etc., excavated in the removal of existing pavements, and dispose of them outside the right-of-way. If the materials are to remain the property of the Agency, place them in neat piles as directed. Existing limerock base that is removed may be incorporated in the stabilized portion of the subgrade. If the construction sequence will allow, incorporate all existing limerock base into the project as allowed by the Contract Documents.

120-4.4 Disposal Areas: Where the Contract Documents require disposal of excavated materials outside the right-of-way, and the disposal area is not indicated in the Contract Documents, furnish the disposal area without additional compensation.

Provide areas for disposal of removed paving materials out of sight of the project and at least 300 feet from the nearest roadway right-of-way line of any road. If the materials are buried, disregard the 300-foot limitation.

120-5 Materials for Embankment.

120-5.1 General Requirements for Embankment Materials: Construct embankments using suitable materials excavated from the roadway or delivered to the jobsite from authorized borrow pits.

Construct the embankment using maximum particle sizes as follows:

In top 12 inches: 3 1/2 inches (in any dimension).

12 to 24 inches: 6 inches (in any dimension).

In the depth below 24 inches: not to exceed 12 inches (in any dimension) or the compacted thickness of the layer being placed, whichever is less.

Spread all material so that the larger particles are separated from each other to minimize voids between them during compaction. Compact around these rocks in accordance with 120-7.2.

When and where approved by the Engineer, larger rocks (not to exceed 18 inches in any dimension) may be placed outside the one to two slope and at least 4 feet or more below the bottom of the base. Compact around these rocks to a firmness equal to that of the supporting soil. Where constructing embankments adjacent to bridge end bents or abutments, do not place rock larger than 3 1/2 inches in diameter within 3 feet of the location of any end-bent piling.

120-5.2 Use of Materials Excavated from the Roadway and Appurtenances: Assume responsibility for determining the suitability of excavated material for use on the project in accordance with the applicable Contract Documents. Consider the sequence of work and maintenance of traffic phasing in the determination of the availability of this material.

120-5.3 Authorization for Use of Borrow: Use borrow only when sufficient quantities of suitable material are not available from roadway and drainage excavation, to properly construct the embankment, subgrade, and shoulders, and to complete the backfilling of structures and pipe. Do not use borrow material until so ordered by the Engineer, and then only use material from approved borrow pits.

120-5.3.1 Haul Routes for Borrow Pits: Provide and maintain, at no expense to the Agency, all necessary roads for hauling the borrow material. Where borrow area haul roads or trails are used by others, do not cause such roads or trails to deteriorate in condition.

Arrange for the use of all non-public haul routes crossing the property of any railroad. Incur any expense for the use of such haul routes. Establish haul routes which will direct construction vehicles away from developed areas when feasible and keep noise from hauling operations to a minimum. Advise the Engineer in writing of all proposed haul routes.

120-5.3.2 Borrow Material for Shoulder Build-up: When so indicated in the plans, furnish borrow material with a specific minimum bearing value, for building up of existing shoulders. Blend materials as necessary to achieve this specified minimum bearing value prior to placing the materials on the shoulders. Take samples of this borrow material at the pit or blended stockpile.

120-5.4 Materials Used at Pipes, Culverts, etc.: Construct embankments over and around pipes, culverts, and bridge foundations with selected materials.

120-6 Embankment Construction.

120-6.1 General: Construct embankments in sections of not less than 300 feet in length or for the full length of the embankment.

120-6.2 Dry Fill Method:

120-6.2.1 General: Construct embankments to meet compaction requirements in 120-7 and in accordance with the acceptance program requirements in 120-9. Restrict the compacted thickness of the last embankment lift to 6 inches maximum.

As far as practicable, distribute traffic over the work during the construction of embankments so as to cover the maximum area of the surface of each layer.

Construct embankment in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

120-6.2.1.1 For A-3 and A-2-4 Materials with up to 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 12 inches. Ensure the percentage of fines passing the No. 200 US Standard sieve in the A-2-4 material does not exceed 15%.

120-6.2.1.2 For A-1 Plastic materials (As designated in Standard Plans Index 120-001) and A-2-4 Materials with greater than 15% fines: Construct the embankment in successive layers with lifts up to a maximum compacted thickness of 6 inches.

120-6.2.1.3 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps and trenching/digging machinery. Provide normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using

sand blankets, sumps, and siphons.

When normal dewatering does not adequately remove the water, the Engineer may require the embankment material to be placed in the water or in low swampy ground in accordance with 120-7.2.4.

120-6.2.2 Placing in Unstable Areas: Where depositing the material in water, or in low swampy ground that will not support the weight of hauling equipment, construct the embankment by dumping successive loads in a uniformly distributed layer of a thickness not greater than necessary to support the hauling equipment while placing subsequent layers. Once sufficient material has been placed so that the hauling equipment can be supported, construct the remaining portion of the embankment in layers in accordance with the applicable provisions of 120-7.2.4 and 120-7.2.6.

120-6.2.3 Placing on Steep Slopes: When constructing an embankment on a hillside sloping more than 20 degrees from the horizontal, before starting the fill, deeply plow or cut into steps the surface of the original ground on which the embankment is to be placed.

120-6.2.4 Placing Outside Standard Minimum Slope: Where material that is unsuitable for normal embankment construction is to be used in the embankment outside the standard minimum slope (approximately one to two), place such material in layers of not more than 18 inches in thickness, measured loose. The Contractor may also place material, which is suitable for normal embankment, outside such standard minimum slope, in 18-inch layers. Maintain a constant thickness for suitable material placed within and outside the standard minimum slope, unless placing in a separate operation.

120-6.3 Hydraulic Method:

120-6.3.1 Method of Placing: When the hydraulic method is used, as far as practicable, place all dredged material in its final position in the embankment by such method. Place and compact any dredged material that is re-handled, or moved and placed in its final position by any other method, as specified in 120-7.2. The Contractor may use baffles or any form of construction he may select, provided the slopes of the embankments are not steeper than indicated in the Plans. Remove all timber used for temporary bulkheads or baffles from the embankment, and fill and thoroughly compact the holes thus formed. When placing fill on submerged land, construct dikes prior to beginning of dredging, and maintain the dikes throughout the dredging operation.

120-6.3.2 Excess Material: Do not use excess material placed outside the prescribed slopes, below the normal high-water level, to raise the fill. Remove only the portion of this material required for dressing the slopes.

120-6.3.3 Protection of Openings in Embankment: Leave openings in the embankments at the bridge sites. Remove any material which invades these openings or existing channels without additional compensation to provide the same depth of channel as existed before the construction of the embankment. Do not excavate or dredge any material within 200 feet of the toe of the proposed embankment.

120-7 Compaction Requirements.

120-7.1 Moisture Content: Compact the materials at a moisture content such that the specified density can be attained. If necessary, to attain the specified density, add water to the material, or lower the moisture content by manipulating the material or allowing it to dry, as is appropriate.

120-7.2 Compaction of Embankments:

120-7.2.1 Earthwork Category 1 and 2 Density Requirements: The Engineer will accept a minimum density of 95% of the maximum density as determined by AASHTO T-99 Method C for all earthwork

items requiring densities.

120-7.2.2 Earthwork Category 3 Density Requirements: The Engineer will accept a minimum of 100% of the maximum density as determined by AASHTO T-99 Method C for all densities required under category 3.

Except for embankments constructed by the hydraulic method as specified in 120-6.3, and for the material placed outside the standard minimum slope as specified in 120-6.2.4, and for other areas specifically excluded herein, compact each layer of the material used in the formation of embankments to the required density stated above. Uniformly compact each layer using equipment that will achieve the required density, and as compaction operations progress, shape and manipulate each layer as necessary to ensure uniform density throughout the embankment.

120-7.2.3 Compaction Over Unstable Foundations: Where the embankment material is deposited in water or on low swampy ground, and in a layer thicker than 12 inches (as provided in 120-6.2.2), compact the top 6 inches (compacted thickness) of such layer to the density as specified in 120-9.5.

120-7.2.4 Compaction Where Plastic Material Has Been Removed: Where unsuitable material is removed and the remaining surface is of the A-4, A-5, A-6, or A-7 Soil Groups, as determined by the Engineer, compact the surface of the excavated area by rolling with a sheepsfoot roller exerting a compression of at least 250 psi on the tamper feet, for the full width of the roadbed (subgrade and shoulders). Perform rolling before beginning any backfill and continue until the roller feet do not penetrate the surface more than 1 inch. Do not perform such rolling where the remaining surface is below the normal water table and covered with water. Vary the procedure and equipment required for this operation at the discretion of the Engineer.

120-7.2.5 Compaction of Material to Be Used in Base, Pavement, or Stabilized Areas: Do not compact embankment material which will be incorporated into a pavement, base course, or stabilized subgrade, to be constructed as a part of the same Contract.

120-7.2.6 Compaction of Grassed Shoulder Areas: For the upper 6-inch layer of all shoulders which are to be grassed, since no specific density is required, compact only to the extent directed.

120-7.2.7 Compaction of Grassed Embankment Areas: For the outer layer of all embankments where plant growth will be established, do not compact. Leave this layer in a loose condition to a minimum depth of 6 inches for the subsequent seeding or planting operations.

120-7.3 Compaction of Subgrade: If the plans do not provide for stabilizing, compact the subgrade in both cuts and fills to the density specified in 120-9.5. For undisturbed soils, do not apply density requirements where constructing narrow widening strips or paved shoulders 5 feet or less in width.

Where trenches for widening strips are not of sufficient width to permit the use of standard compaction equipment, perform compaction using vibratory rollers, trench rollers, or other type compaction equipment approved by the Engineer.

Maintain the required density until the base or pavement is placed on the subgrade.

120-8 Backfilling Around Structures and Pipe.

120-8.1 Requirements for all Structures:

120-8.1.1 General: Backfill around structures and pipe in the dry whenever normal dewatering equipment and methods can accomplish the needed dewatering.

129-8.1.2 Equipment and Methods: Provide normal dewatering equipment including, but not limited to, surface pumps, sump pumps, wellpoints and header pipe and trenching/digging machinery. Provide

normal dewatering methods including, but not limited to, constructing shallow surface drainage trenches/ditches, using sand blankets, perforated pipe drains, sumps and siphons.

120-8.1.3 Backfill Materials: Backfill to the original ground surface or subgrade surface of openings made for structures, with a sufficient allowance for settlement. The Engineer may require that the material used for this backfill be obtained from a source entirely apart from the structure.

Do not allow heavy construction equipment to cross over culvert or storm sewer pipes until placing and compacting backfill material to the finished earthwork grade or to an elevation at least 4 feet above the crown of the pipe.

120-8.1.4 Use of A-7 Material: In the backfilling of trenches, A-7 material may be used from a point 12 inches above the top of the pipe up to the elevation shown in the Standard Plans as the elevation for undercutting of A-7 material.

120-8.1.5 Time of Placing Backfill: Do not place backfill against any masonry or concrete abutment, wingwall, or culvert until the Engineer has given permission to do so, and in no case until the masonry or concrete has been in place seven days or until the specified 28-day compressive strength occurs.

120-8.1.6 Placement and Compaction: When the backfill material is deposited in water, compact per 120-8.2.5 and 120-8.3.4. Place the material in horizontal layers not exceeding 6 inches compacted thickness, in depth above water level, behind abutments, wingwalls and end bents or end rest piers, and around box culverts and all structures including pipe culverts. The Engineer may approve placing material in thicker lifts of no more than 12 inches compacted thickness above the soil envelope if a test section demonstrates the required density can be achieved. Approval will be based on five passing density tests over the test section consisting of a lift of backfill from structure to structure. The Engineer will identify the test section with the compaction effort and soil classification in the Agency Logbook. In case of a change in compaction effort or soil classification, construct a new test section. The Engineer reserves the right to terminate the Contractor's use of thick lift construction and have him revert to the 6-inch compacted lifts whenever it is determined that satisfactory results are not being obtained.

120-8.2 Additional Requirements for Structures Other than Pipe:

120-8.2.1 Density: Where the backfill material is deposited in water, obtain a 12-inch layer of comparatively dry material, thoroughly compacted by tamping, before the Engineer verifies layer and density requirements. Meet the requirements of the density Acceptance Criteria.

120-8.2.2 Box Culverts: For box culverts over which pavement is to be constructed, compact around the structure to an elevation not less than 12 inches above the top of the structure, using rapid-striking mechanical tampers.

120-8.2.3 Other Limited Areas: Compact in other limited areas using mechanical tampers or approved hand tampers, until the cover over the structure is at least 12 inches thick. When hand tampers are used, deposit the materials in layers not more than 4 inches thick using hand tampers suitable for this purpose with a face area of not more than 100 in². Take special precautions to prevent any wedging action against the masonry, and step or terrace the slope bounding the excavation for abutments and wingwalls if required by the Engineer.

120-8.2.4 Culverts and Piers: Backfill around culverts and piers on both sides simultaneously to approximately the same elevation.

120-8.2.5 Compaction Under Wet Conditions: Where wet conditions do not permit the use of mechanical tampers, compact using hand tampers. Use only A-3 material for the hand tamped portions of the backfill. When the backfill has reached an elevation and condition such as to make the use of the mechanical

tampers practical, perform mechanical tamping in such manner and to such extent as to transfer the compaction force into the sections previously tamped by hand.

120-8.3 Additional Requirements for Pipe 15 Inches Inside Diameter or Greater:

120-8.3.1 General: Trenches for pipe may have up to four zones that must be backfilled.

Lowest Zone: The lowest zone is backfilled for deep undercuts up to within 4 inches of the bottom of the pipe.

Bedding Zone: The zone above the Lowest Zone is the Bedding Zone. Usually it will be the backfill which is the 4 inches of soil below the bottom of the pipe. When rock or other hard material has been removed to place the pipe, the Bedding Zone will be the 12 inches of soil below the bottom of the pipe.

Cover Zone: The next zone is backfill that is placed after the pipe has been laid and will be called the Cover Zone. This zone extends to 12 inches above the top of the pipe. The Cover Zone and the Bedding Zone are considered the Soil Envelope for the pipe.

Top Zone: The Top Zone extends from 12 inches above the top of the pipe to the base or final grade.

120-8.3.2 Material:

120-8.3.2.1 Lowest Zone: Backfill areas undercut below the Bedding Zone of a pipe with coarse sand, or other suitable granular material, obtained from the grading operations on the project, or a commercial material if no suitable material is available.

120-8.3.2.2 Soil Envelope: In both the Bedding Zone and the Cover Zone of the pipe, backfill with materials classified as A-1, A-2, or A-3. Material classified as A-4 may be used if the pipe is concrete pipe.

120-8.3.2.3 Top Zone: Backfill the area of the trench above the soil envelope of the pipe with materials allowed on Standard Plans, Index 120-001.

120-8.3.3 Compaction:

120-8.3.3.1 Lowest Zone: Compact the soil in the Lowest Zone to approximately match the density of the soil in which the trench was cut.

120-8.3.3.2 Bedding Zone: If the trench was not undercut below the bottom of the pipe, loosen the soil in the bottom of the trench immediately below the approximate middle third of the outside diameter of the pipe.

If the trench was undercut, place the bedding material and leave it in a loose condition below the middle third of the outside diameter of the pipe. Compact the outer portions to meet the density requirements of the Acceptance Criteria. Place the material in lifts no greater than 6 inches (compacted thickness).

120-8.3.3.3 Cover Zone: Place the material in 6 inches layers (compacted thickness), evenly deposited on both sides of the pipe, and compact with mechanical tampers suitable for this purpose. Hand tamp material below the pipe haunch that cannot be reached by mechanical tampers. Meet the requirements of the density Acceptance Criteria.

120-8.3.3.4 Top Zone: Place the material in layers not to exceed 12 inches in compacted thickness. Meet the requirements of the density Acceptance Criteria.

120-8.3.4 Backfill Under Wet Conditions: Where wet conditions are such that dewatering by

normal pumping methods would not be effective, the procedure outlined below may be used when specifically authorized by the Engineer in writing.

Granular material may be used below the elevation at which mechanical tampers would be effective, but only material classified as A-3. Place and compact the material using timbers or hand tampers until the backfill reaches an elevation such that it's moisture content will permit the use of mechanical tampers. When the backfill has reached such elevation, use normally acceptable backfill material. Compact the material using mechanical tampers in such manner and to such extent as to transfer the compacting force into the material previously tamped by hand.

120-9 Acceptance Program.

120-9.1 Density over 105%: When a computed dry density results in a value greater than 105% of the applicable Proctor maximum dry density, the Engineer will perform a second density test within 5 feet. If the second density results in a value greater than 105%, investigate the compaction methods, examine the applicable Maximum Density and material description. If necessary, the Engineer will test an additional sample for acceptance in accordance with AASHTO T 99, Method C.

120-9.2 Maximum Density Determination: The Engineer will determine the maximum density and optimum moisture content by sampling and testing the material in accordance with the specified test method listed in 120-9.3.

120-9.3 Density Testing Requirements: Compliance with the requirements of 120-9.5 will be determined in accordance FM 1-T 238. The in-place moisture content will be determined for each density in accordance with FM 5-507 (Determination of Moisture Content by Means of a Calcium Carbide Gas Pressure Moisture Tester), or ASTM D 4643 (Laboratory Determination of Moisture Content of Granular Soils By Use of a Microwave Oven).

120-9.4 Soil Classification: The Engineer will perform soil classification tests in accordance with AASHTO T-88, and classify soils in accordance with AASHTO M-145 (Standard Specification for Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes) in order to determine compliance with embankment utilization requirements.

120-9.5 Acceptance Criteria: The Engineer will accept a minimum density in accordance with 120-7.2 with the following exceptions:

- 1) embankment constructed by the hydraulic method as specified in 120-6.3;
- 2) material placed outside the standard minimum slope as specified in 120-6.2.4;
- 3) other areas specifically excluded herein.

120-9.6 Frequency: The Engineer will conduct sampling and testing at a minimum frequency listed in the table below.

Test Name	Frequency
Maximum Density	One per soil type
Density	1 per 500' RDWY (Alt Lift)
Soil Classification	One per Maximum Density

120-10 Maintenance and Protection of Work.

While construction is in progress, maintain adequate drainage for the roadbed at all times. Maintain a

shoulder at least 3 feet wide adjacent to all pavement or base construction in order to provide support for the edges.

Maintain and protect all earthwork construction throughout the life of the Contract, and take all reasonable precautions to prevent loss of material from the roadway due to the action of wind or water. Repair any slides, washouts, settlement, subsidence, or other mishap which may occur prior to final acceptance of the work. Maintain all channels excavated as a part of the Contract work against natural shoaling or other encroachments to the lines, grades, and cross-sections shown in the plans, until final acceptance of the project.

120-11 Construction.

120-11.1 Construction Tolerances: Shape the surface of the earthwork to conform to the lines, grades, and cross-sections shown in the plans. In final shaping of the surface of earthwork, maintain a tolerance of 0.3 foot above or below the plan cross-section with the following exceptions:

1. Shape the surface of shoulders to within 0.1 foot of the plan cross-section.
2. Shape the earthwork to match adjacent pavement, curb, sidewalk, structures, etc.
3. Shape the bottom of ditches so that the ditch impounds no water.
4. When the work does not include construction of base or pavement, shape the entire roadbed (shoulder point to shoulder point) to within 0.1 foot above or below the plan cross-section.

Ensure that the shoulder lines do not vary horizontally more than 0.3 foot from the true lines shown in the plans.

120-11.2 Operations Adjacent to Pavement: Carefully dress areas adjacent to pavement areas to avoid damage to such pavement. Complete grassing of shoulder areas prior to placing the final wearing course. Do not manipulate any embankment material on a pavement surface.

When shoulder dressing is underway adjacent to a pavement lane being used to maintain traffic, exercise extreme care to avoid interference with the safe movement of traffic.

120-12 Method of Measurement.

120-12.1 Excavation: Excavation will be paid for by volume, in cubic yards, calculated by the method of average end areas, unless the Engineer determines that another method of calculation will provide a more accurate result. The material will be measured in its original position by field survey or by photogrammetric means as designated by the Engineer. Measurement for payment will include the excavation of unsuitable material, lateral ditch excavation, channel excavation, and excavation for structures and pipe. Payment will not be made for excavation or embankment beyond the limits shown in the plans or authorized by the Engineer.

120-12.2 Embankment: Measurement will be made on a loose volume basis, as measured in trucks or other hauling equipment at the point of dumping on the road. Payment will not be made for embankment beyond the limits shown in the plans or authorized by the Engineer.

120-13 Basis of Payment.

120-13.1 General: Prices and payments for the work items included in this Section will be full compensation for all work described herein, including excavating, dredging, hauling, placing, and compacting; dressing the surface of the earthwork; and maintaining and protecting the complete earthwork.

120-13.2 Excavation: The total quantity of all excavation specified under this Section will be paid for at the Contract unit price for Excavation. No payment will be made for the excavation of any materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials excavated outside the lines and grades given by the Engineer, unless specifically authorized

by the Engineer.

120-13.3 Embankment: The total quantity of embankment specified in this Section will be paid for at the Contract unit price for embankment. No payment will be made for materials which are used for purposes other than those shown in the plans or designated by the Engineer. No payment will be made for materials placed outside the lines and grades given by the Engineer.

SUPERPAVE ASPHALT FOR LAP (OFF-SYSTEM).

(REV 1-26-15) (FA 1-29-15)

SECTION 334 SUPERPAVE ASPHALT FOR LAP (OFF-SYSTEM)

334-1 Description.

334-1.1 General: Construct a Superpave asphalt pavement (consisting of either Hot Mix Asphalt (HMA) or Warm Mix Asphalt (WMA)) based on the type of work specified in the Contract and the Asphalt Work Categories as defined below. Meet the applicable requirements for plants, equipment, and construction requirements as defined below. Use an asphalt mix, either HMA or WMA, which meets the requirements of this specification.

334-1.2 Asphalt Work Mix Categories: Construction of asphalt pavement will fall into one of the following work categories:

334-1.2.1 Asphalt Work Category 1: Includes the construction of shared use paths and miscellaneous asphalt.

334-1.2.2 Asphalt Work Category 2: Includes the construction of new asphalt turn lanes, paved shoulders and other non-mainline pavement locations.

334-1.2.3 Asphalt Work Category 3: Includes the construction of new mainline asphalt pavement lanes, milling and resurfacing.

334-1.3 Mix Types: Use the appropriate asphalt mix as shown in Table 334-1.

Table 334-1 Asphalt Mix Types			
Asphalt Work Category	Mix Types	Traffic Level	ESALs (millions)
1	Type SP-9.5	A	<0.3
2	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	B	0.3 to <3
3	Structural Mixes: Types SP-9.5 or SP-12.5 Friction Mixes: Types FC-9.5 or FC-12.5	C	≥3

A Type SP or FC mix one traffic level higher than the traffic level specified in the Contract may be substituted, at no additional cost (i.e. Traffic Level B may be substituted for Traffic Level A, etc.). Traffic levels are as defined in Section 334 of the Florida Department of Transportation's (FDOT's) Specifications.

334-1.4 Gradation Classification: The Superpave mixes are classified as fine and are defined in 334-3.2.2.

The equivalent AASHTO nominal maximum aggregate size Superpave mixes are as follows:

Type SP-9.5, FC-9.5 9.5 mm

Type SP-12.5, FC-12.5 12.5 mm

334-1.5 Thickness: The total pavement thickness of the asphalt pavement will be based on a specified spread rate or plan thickness as shown in the Contract Documents. Before paving, propose a spread rate or thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan spread rate or thickness. When the total pavement thickness is specified as plan thickness, the plan thickness and individual layer thickness will be converted to spread rate using the following equation:

$$\text{Spread rate (lbs/yd}^2\text{)} = t \times G_{mm} \times 43.3$$

where: t = Thickness (in.) (Plan thickness or individual layer thickness)
 G_{mm} = Maximum specific gravity from the mix design

For target purposes only, spread rate calculations shall be rounded to the nearest whole number.

334-1.5.1 Layer Thicknesses: Unless otherwise called for in the Contract Documents, the allowable layer thicknesses for asphalt mixtures are as follows:

Type SP-9.5, FC-9.5	3/4 to 1-1/2 inches
Type SP-12.5, FC-12.5	1-1/2 to 2-1/2 inches

334-1.5.2 Additional Requirements: The following requirements also apply to asphalt mixtures:

1. When construction includes the paving of adjacent shoulders (less than or equal to 5 feet wide), the layer thickness for the upper pavement layer and shoulder shall be the same and paved in a single pass, unless otherwise called for in the Contract Documents.

2. For overbuild layers, use the minimum and maximum layer thicknesses as specified above unless called for differently in the Contract Documents. On variable thickness overbuild layers, the minimum allowable thickness may be reduced by 1/2 inch, and the maximum allowable thickness will be as specified below, unless called for differently in the Contract Documents.

Type SP-9.5.....3/8 to 2 inches

Type SP-12.5.....1/2 to 3 inches

3. Variable thickness overbuild layers may be tapered to zero thickness provided the contract documents require a minimum of 1-1/2 inches of mix placed over the variable thickness overbuild layer.

334-1.6 Weight of Mixture: The weight of the mixture shall be determined as provided in 320-3.2 of the FDOT Specifications.

334-2 Materials.

334-2.1 Superpave Asphalt Binder: Unless specified elsewhere in the Contract or in 334-2.3.3, use a PG 67-22 asphalt binder from the FDOT's Approved Products List (APL). If the Contract calls for an alternative asphalt binder, meet the requirements of FDOT Specifications Section 336 or 916, as appropriate.

334-2.2 Aggregate: Use aggregate capable of producing a quality pavement.

For Type FC mixes, use an aggregate blend that consists of crushed granite, crushed Oolitic limestone, other crushed materials (as approved by FDOT for friction courses per Rule 14-103.005, Florida Administrative Code), or a combination of the above. Crushed limestone from the Oolitic formation may be used if it contains a minimum of 12% silica material as determined by FDOT Test Method FM 5-510 and FDOT grants approval of the source prior to its use. As an exception, mixes that contain a minimum of 60% crushed granite may either contain:

1. Up to 40% fine aggregate from other sources; or,
2. A combination of up to 20% RAP and the remaining fine aggregate from other sources.

A list of aggregates approved for use in friction courses may be available on the FDOT's State Materials Office website. The URL for obtaining this information, if available, is: <ftp://ftp.dot.state.fl.us/fdot/smo/website/sources/frictioncourse.pdf>.

334-2.3 Reclaimed Asphalt Pavement (RAP) Material:

334-2.3.1 General requirements: RAP may be used as a component of the asphalt mixture, provided the RAP meets the following requirements:

1. When using a PG 76-22 (PMA), or PG 76-22 (ARB) asphalt binder, limit the amount of RAP material used in the mix to a maximum of 20% by weight of total aggregate. As an exception, amounts greater than 20% RAP by weight of total aggregate can be used if no more than 20% by weight of total asphalt binder comes from the RAP material.

2. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.

3. Provide RAP material having a minimum average asphalt binder content of 4.0% by weight of RAP. As an exception, when using fractionated RAP, the minimum average asphalt binder content for the coarse portion of the RAP shall be 2.5% by weight of the coarse portion of the RAP. The coarse portion of the RAP shall be the portion of the RAP retained on the No. 4 sieve. The Engineer may sample the stockpile to verify that this requirement is met.

4. Use a grizzly or grid over the RAP cold bin, in-line roller crusher, screen, or other suitable means to prevent oversized RAP material from showing up in the completed recycle mixture. If

oversized RAP material appears in the completed recycle mix, take the appropriate corrective action immediately. If the appropriate corrective actions are not immediately taken, stop plant operations.

334-2.3.2 Material Characterization: Assume responsibility for establishing the asphalt binder content, gradation, and bulk specific gravity (G_{sb}) of the RAP material based on a representative sampling of the material.

334-2.3.3 Asphalt Binder for Mixes with RAP: Select the appropriate asphalt binder grade based on Table 334-2. The Engineer reserves the right to change the asphalt binder type and grade during production based on characteristics of the RAP asphalt binder.

Table 334-2 Asphalt Binder Grade for Mixes Containing RAP	
Percent RAP	Asphalt Binder Grade
0 - 15	PG 67-22
16 – 30	PG 58-22
> 30	PG 52-28

334-3 Composition of Mixture.

334-3.1 General: Compose the asphalt mixture using a combination of aggregates, mineral filler, if required, and asphalt binder material. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

334-3.2 Mix Design:

334-3.2.1 General: Design the asphalt mixture in accordance with AASHTO R 35-12, except as noted herein. Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria to the Engineer. Prior to the production of any asphalt mixture, obtain the Engineer's conditional approval of the mix design. If required by the Engineer, send representative samples of all component materials, including asphalt binder to a laboratory designated by the Engineer for verification. As an exception to these requirements, use a currently approved FDOT Mix Design.

Warm mix technologies (additives, foaming techniques, etc.) listed on the Department's website may be used in the production of the mix. The URL for obtaining this information, is: <http://www.dot.state.fl.us/statematerialsoffice/quality/programs/warmmixasphalt/index.shtm>.

The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his discretion, the Engineer may no longer allow the use of the mix design.

334-3.2.2 Mixture Gradation Requirements: Combine the aggregates in proportions that will produce an asphalt mixture meeting all of the requirements defined in this specification and conform to the gradation requirements at design as defined in AASHTO M 323-12, Table 3. Aggregates from various sources may be combined.

334-3.2.2.1 Mixture Gradation Classification: Plot the combined mixture gradation on an FHWA 0.45 Power Gradation Chart. Include the Control Points from AASHTO M323-12, Table-3, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M323-12, Table 4. Fine mixes are defined as having a gradation that passes above or through the primary control sieve control point.

334-3.2.3 Gyratory Compaction: Compact the design mixture in accordance with AASHTO T312-12, with the following exceptions: use the number of gyrations at N_{design} as designed in Table 334-3.

Table 334-3 Gyratory Compaction Requirements	
Traffic Level	N_{design} Number of Gyrations
A	50
B	65
C	75

334-3.2.4 Design Criteria: Meet the requirements for nominal maximum aggregate size as defined in AASHTO M323-12, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M323-12, Table 6. N_{initial} and N_{maximum} requirements are not applicable.

334-3.2.5 Moisture Susceptibility: Test 4-inch specimens in accordance with FDOT Test Method FM 1-T 283. Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 pounds per square inch. If necessary, add a liquid anti-stripping agent from the FDOT's APL or hydrated lime in order to meet these criteria.

In lieu of moisture susceptibility testing, add a liquid anti-stripping agent from the FDOT's APL. Add 0.5% liquid anti-stripping agent by weight of asphalt binder.

334-3.2.6 Additional Information: In addition to the requirements listed above, provide the following information on each mix design:

1. The design traffic level and the design number of gyrations (N_{design}).
2. The source and description of the materials to be used.
3. The FDOT source number and the FDOT product code of the aggregate components furnished from an FDOT approved source (if required).
4. The gradation and proportions of the raw materials as intended to be combined in the paving mixture. The gradation of the component materials shall be representative of the material at the time of use. Compensate for any change in aggregate gradation caused by handling and processing as necessary.
5. A single percentage of the combined mineral aggregate passing each specified sieve. Degradation of the aggregate due to processing (particularly material passing the No. 200 sieve) should be accounted for and identified.
6. The bulk specific gravity (G_{sb}) value for each individual aggregate and RAP component.
7. A single percentage of asphalt binder by weight of total mix intended to be incorporated in the completed mixture, shown to the nearest 0.1%.
8. A target temperature for the mixture at the plant (mixing temperature) and a target temperature for the mixture at the roadway (compaction temperature). Do not exceed a target temperature of 330°F for PG 76-22 (PMA) and PG 76-22 (ARB) asphalt binders, and 315°F for unmodified asphalt binders.
9. Provide the physical properties achieved at four different asphalt binder contents. One shall be at the optimum asphalt content, and must conform to all specified physical requirements.
10. The name of the mix designer.
11. The ignition oven calibration factor.
12. The warm mix technology, if used.

334-4 Process Control.

Assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times. Perform any tests necessary at the plant and roadway to control the process.

334-5 General Construction Requirements.

334-5.1 Weather Limitations: Do not transport asphalt mix from the plant to the roadway unless all weather conditions are suitable for the paving operations.

334-5.2 Limitations of Paving Operations:

334-5.2.1 General: Spread the mixture only when the surface upon which it is to be placed has been previously prepared, is intact, firm, dry, clean, and the tack, with acceptable spread rate, is properly broken. Ensure all granular base materials are properly primed and all asphalt base materials are properly tacked, prior to paving.

334-5.2.2 Air Temperature:

Place the mixture only when the air temperature in the shade and away from the artificial heat meets the requirements of Table 334-4. The minimum ambient temperature requirement may be reduced by 5°F when using a warm mix technology, if mutually agreed to by both the Engineer and the Contractor.

Table 334-4 - Ambient Air Temperature Requirements for Paving

Layer Thickness or Asphalt Binder Type	Minimum Temperature (°F)
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≤ 1 inch	50
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation $\geq 76^{\circ}\text{C}$	45
Any mixture > 1 inch containing a PG asphalt binder with a high temperature designation $< 76^{\circ}\text{C}$	40

334-5.3 Mix Temperature: Heat and combine the ingredients of the mix in such a manner as to produce a mixture with a temperature at the plant and at the roadway, within a range of plus or minus 30°F from the target temperature as shown on the mix design. Reject all loads outside of this range. For warm mix asphalt, the Contractor may produce the first five loads of the production day and at other times when approved by the Engineer, at a hot mix asphalt temperature not to exceed 330°F for purposes of heating the asphalt paver. For these situations, the upper tolerance of $+30^{\circ}\text{F}$ does not apply.

334-5.4 Transportation of the Mixture: Transport the mix in trucks of tight construction, which prevents the loss of material and the excessive loss of heat and previously cleaned of all foreign material. After cleaning, thinly coat the inside surface of the truck bodies with soapy water or an asphalt release agent as needed to prevent the mixture from adhering to the beds. Do not allow excess liquid to pond in the truck body. Do not use a release agent that will contaminate, degrade, or alter the characteristics of the asphalt mix or is hazardous or detrimental to the environment. Petroleum derivatives (such as diesel fuel), solvents, and any product that dissolves asphalt are prohibited. Provide each truck with a tarpaulin or other waterproof cover mounted in such a manner that it can cover the entire load when required. When in place, overlap the waterproof cover on all sides so it can be tied down. Cover each load during cool and cloudy weather and at any time it appears rain is likely during transit with a tarpaulin or waterproof cover. Cover and tie down all loads of friction course mixtures.

334-5.5 Preparation of Surfaces Prior to Paving:

334-5.5.1 Cleaning: Clean the surface of all loose and deleterious material by the use of power brooms or blowers, supplemented by hand brooming where necessary.

334-5.5.2 Patching and Leveling Courses: As shown in the plans, bring the existing surface to proper grade and cross-section by the application of patching or leveling courses.

334-5.5.3 Application over Surface Treatment: Where an asphalt mix is to be placed over a surface treatment, sweep and dispose of all loose material from the paving area.

334-5.5.4 Tack Coat: Use a rate of application as defined in Table 334-5. Control the rate of application to be within plus or minus 0.01 gallon per square yard of the target application rate. The target application rate may be adjusted by the Engineer to meet specific field conditions. Determine the rate of application as needed to control the operation. When using PG 52-28, multiply the target rate of application by 0.6.

Table 334-5 Tack Coat Application Rates		
Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd ²)
Base Course, Structural Course, Dense Graded Friction Course	Newly Constructed Asphalt Layers	0.03 minimum
	Milled Surface or Oxidized and Cracked Pavement	0.06
	Concrete Pavement	0.08

334-5.6 Placing Mixture:

334-5.6.1 Alignment of Edges: With the exception of pavements placed adjacent to curb and gutter or other true edges, place all pavements by the stringline method to obtain an accurate, uniform alignment of the pavement edge. Control the unsupported pavement edge to ensure that it will not deviate more than plus or minus 1.5 inches from the stringline.

334-5.6.2 Rain and Surface Conditions: Immediately cease transportation of asphalt mixtures from the plant when rain begins at the roadway. Do not place asphalt mixtures while rain is falling, or when there is water on the surface to be covered. Once the rain has stopped and water has been removed from the

tacked surface to the satisfaction of the Engineer and the temperature of the mixture caught in transit still meets the requirements as specified in 334-5.3, the Contractor may then place the mixture caught in transit.

334-5.6.3 Checking Depth of Layer: Check the depth of each layer at frequent intervals to ensure a uniform spread rate that will meet the requirements of the Contract.

334-5.6.4 Hand Work: In limited areas where the use of the spreader is impossible or impracticable, spread and finish the mixture by hand.

334-5.6.5 Spreading and Finishing: Upon arrival, dump the mixture in the approved paver, and immediately spread and strike-off the mixture to the full width required, and to such loose depth for each course that, when the work is completed, the required weight of mixture per square yard, or the specified thickness, is secured. Carry a uniform amount of mixture ahead of the screed at all times.

334-5.6.6 Thickness Control: Ensure the spread rate is within 10% of the target spread rate, as indicated in the Contract. When calculating the spread rate, use, at a minimum, an average of five truckloads of mix. When the average spread rate is beyond plus or minus 10% of the target spread rate, monitor the thickness of the pavement layer closely and adjust the construction operations.

If the Contractor fails to maintain an average spread rate within plus or minus 10% of the target spread rate for two consecutive days, the Engineer may elect to stop the construction operation at any time until the issue is resolved.

When the average spread rate for the total structural or friction course pavement thickness exceeds the target spread rate by plus or minus 50 pounds per square yard for layers greater than or equal to 2.5 inches or exceeds the target spread rate by plus or minus 25 pounds per square yard for layers less than 2.5 inches, address the unacceptable pavement in accordance with 334-5.10.4, unless an alternative approach is agreed upon by the Engineer.

334-5.7 Leveling Courses:

334-5.7.1 Patching Depressions: Before spreading any leveling course, fill all depressions in the existing surface as shown in the plans.

334-5.7.2 Spreading Leveling Courses: Place all courses of leveling with an asphalt paver or by the use of two motor graders, one being equipped with a spreader box. Other types of leveling devices may be used upon approval by the Engineer.

334-5.7.3 Rate of Application: When using Type SP-9.5 for leveling, do not allow the average spread of a layer to be less than 50 pounds per square yard or more than 75 pounds per square yard. The quantity of mix for leveling shown in the plans represents the average for the entire project; however, the Contractor may vary the rate of application throughout the project as directed by the Engineer. When leveling in connection with base widening, the Engineer may require placing all the leveling mix prior to the widening operation.

334-5.8 Compaction: For each paving or leveling train in operation, furnish a separate set of rollers, with their operators.

When density testing for acceptance is required, select equipment, sequence, and coverage of rolling to meet the specified density requirement. Regardless of the rolling procedure used, complete the final rolling before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved, or the rollers begin to damage the pavement.

When density testing for acceptance is not required, use a rolling pattern approved by the Engineer.

Use hand tamps or other satisfactory means to compact areas which are inaccessible to a roller, such as areas adjacent to curbs, headers, gutters, bridges, manholes, etc.

334-5.9 Joints.

334-5.9.1 Transverse Joints: Construct smooth transverse joints, which are within 3/16 inch of a true longitudinal profile when measured with a 15-foot manual straightedge meeting the requirements of FDOT Test Method FM 5-509. These requirements are waived for transverse joints at the beginning and end of the project and at the beginning and end of bridge structures, if the deficiencies are caused by factors beyond the control of the Contractor such as no milling requirement, as determined by the Engineer. When smoothness requirements are waived, construct a reasonably smooth transitional joint.

334-5.9.2 Longitudinal Joints: For all layers of pavement except the leveling course, place each layer so that longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Do not construct longitudinal joints in the wheel paths. The Engineer may waive these requirements where offsetting is not feasible due to the sequence of construction.

334-5.10 Surface Requirements: Construct a smooth pavement with good surface texture and the proper cross slope.

334-5.10.1 Texture of the Finished Surface of Paving Layers: Produce a finished surface of uniform texture and compaction with no pulled, torn, raveled, crushed or loosened portions and free of segregation, bleeding, flushing, sand streaks, sand spots, or ripples. Correct any area of the surface that does not meet the foregoing requirements in accordance with 334-5.10.4.

In areas not defined to be a density testing exception per 334-6.4.1, obtain for the Engineer, three 6-inch diameter roadway cores at locations visually identified by the Engineer to be segregated. The Engineer will determine the density of each core in accordance with FDOT Test Method FM 1-T 166 and calculate the percent G_{mm} of the segregated area using the average G_{mb} of the roadway cores and the representative PC G_{mm} for the questionable material. If the average percent G_{mm} is less than 90.0, address the segregated area in accordance with 334-5.10.4.

334-5.10.2 Cross Slope: Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents.

334-5.10.3 Pavement Smoothness: Construct a smooth pavement meeting the requirements of this Specification. Furnish a 15-foot manual and a 15-foot rolling straightedge meeting the requirements of FDOT Test Method FM 5-509.

334-5.10.3.1 Straightedge Testing:

334-5.10.3.1.1 Acceptance Testing: Perform straightedge testing in the outside wheel path of each lane for the final (top) layer of the pavement. Test all pavement lanes where the width is constant using a rolling straightedge and document all deficiencies on a form approved by the Engineer. Notify the Engineer of the location and time of all straightedge testing a minimum of 48 hours before beginning testing.

334-5.10.3.1.2 Final (Top) Pavement Layer: At the completion of all paving operations, straightedge the final (top) layer either behind the final roller of the paving train or as a separate operation. Address all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4, unless waived by the Engineer. Retest all corrected areas.

334-5.10.3.1.3 Straightedge Exceptions: Straightedge testing will not be required in the following areas: shoulders, intersections, tapers, crossovers, sidewalks, shared use paths, parking lots and similar areas, or in the following areas when they are less than 250 feet in length: turn lanes, acceleration/deceleration lanes and side streets. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets. In the event the Engineer identifies a surface irregularity in the above areas that is determined to be objectionable, straightedge and address all deficiencies in excess of 3/8 inch in accordance with 334-5.10.4.

334-5.10.4 Correcting Unacceptable Pavement: Correct deficiencies in the pavement layer by removing and replacing the full depth of the layer, extending a minimum of 50 feet on both sides (where possible) of the defective area for the full width of the paving lane, at no additional cost.

334-6 Acceptance of the Mixture.

334-6.1 General: The asphalt mixture will be accepted based on the Asphalt Work Category as defined below:

1. Asphalt Work Category 1 – Certification by the Contractor as defined in 334-6.2.
2. Asphalt Work Category 2 – Certification and process control testing by the Contractor as defined in 334-6.3.
3. Asphalt Work Category 3 – Process control testing by the Contractor and acceptance testing by the Engineer as defined in 334-6.4.

334-6.2 Certification by the Contractor: On Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. Submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the Specifications. The Engineer may run independent tests to determine the acceptability of the material.

334-6.3 Certification and Process Control Testing by the Contractor: On Asphalt Work Category 2 construction, submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project meets the requirements of the

Specifications, along with supporting test data documenting all process control testing as described in 334-6.3.1. If required by the Contract, utilize an Independent Laboratory as approved by the Engineer for the process control testing. The mix will also require visual acceptance by the Engineer. In addition, the Engineer may run independent tests to determine the acceptability of the material. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

334-6.3.1 Process Control Sampling and Testing Requirements: Perform process control testing at a frequency of once per day. Obtain the samples in accordance with FDOT Method FM 1-T 168. Test the mixture at the plant for gradation ($P_{.8}$ and $P_{.200}$) and asphalt binder content (P_b). Measure the roadway density with 6-inch diameter roadway cores at a minimum frequency of once per 1,500 feet of pavement with a minimum of three cores per day.

Determine the asphalt binder content of the mixture in accordance with FDOT Method FM 5-563. Determine the gradation of the recovered aggregate in accordance with FDOT Method FM 1-T 030. Determine the roadway density in accordance with FDOT Method FM 1-T 166. The minimum roadway density will be based on the percent of the maximum specific gravity (Gmm) from the approved mix design. If the Contractor or Engineer suspects that the mix design Gmm is no longer representative of the asphalt mixture being produced, then a new Gmm value will be determined from plant-produced mix, in accordance with FDOT Method FM 1-T 209, with the approval of the Engineer. Roadway density testing will not be required in certain situations as described in 334-6.4.1. Assure that the asphalt binder content, gradation and density test results meet the criteria in Table 334-4.

Table 334-4 Process Control and Acceptance Values	
Characteristic	Tolerance
Asphalt Binder Content (percent)	Target ± 0.55
Passing No. 8 Sieve (percent)	Target ± 6.00
Passing No. 200 Sieve (percent)	Target ± 2.00
Roadway Density (daily average)	Minimum 90.0% of Gmm

334-6.4 Process Control Testing by the Contractor and Acceptance Testing by the Engineer: On Asphalt Work Category 3, perform process control testing as described in 334-6.3.1. In addition, the Engineer will accept the mixture at the plant with respect to gradation ($P_{.8}$ and $P_{.200}$) and asphalt binder content (P_b). The mixture will be accepted on the roadway with respect to density. The Engineer will sample and test the material as described in 334-6.3.1. The Engineer will randomly obtain at least one set of samples per day. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-4. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer such as but not limited to acceptance at reduced pay, delineation testing to determine the limits of the questionable material, removal and replacement at no cost to the agency, or performing an Engineering analysis to determine the final disposition of the material.

334-6.4.1 Acceptance Testing Exceptions: When the total quantity of any mix type in the project is less than 500 tons, the Engineer will accept the mix on the basis of visual inspection. The Engineer may run independent tests to determine the acceptability of the material.

Density testing for acceptance will not be performed on widening strips or shoulders with a width of 5 feet or less, variable thickness overbuild courses, leveling courses, any asphalt layer placed on subgrade (regardless of type), miscellaneous asphalt pavement, shared use paths, crossovers, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 pounds per square yard. Density testing for acceptance will not be performed on asphalt courses placed on bridge decks or approach slabs; compact these courses in static mode only. In addition, density testing for acceptance will not be performed on the following areas when they are less than 1,000 feet continuous in length: turning lanes, acceleration lanes, deceleration lanes, shoulders, parallel parking lanes, or ramps. Density testing for acceptance will not be performed in intersections. The limits of the intersection will be from stop bar to stop bar for both the mainline and side streets. Compact these courses in accordance with a standard rolling procedure approved by the Engineer. In the event that the rolling procedure deviates from the approved procedure, placement of the mix

will be stopped.

334-7 Method of Measurement.

For the work specified under this Section, the quantity to be paid for will be the weight of the mixture, in tons.

The bid price for the asphalt mix will include the cost of the liquid asphalt and the tack coat application as specified in 334-5.5.4. There will be no separate payment or unit price adjustment for the asphalt binder material in the asphalt mix.

334-8 Basis of Payment.

334-8.1 General: Price and payment will be full compensation for all the work specified under this Section.

CONCRETE FOR LAP (OFF-SYSTEM).
(REV 12-20-11) (FA 2-27-12)

SECTION 344
CONCRETE FOR LAP (OFF-SYSTEM)

344-1 Description.

344-1 General: Construct concrete based on the type of work as described in the Contract and the concrete work categories as defined below.

344-1.2 Work Categories: Construction will fall into one of the following concrete work categories:

344-1.2.1 Concrete Work Category 1: Includes the construction of sidewalks, curb and gutter, ditch and slope pavement, or other non-reinforced cast-in-place elements.

344-1.2.2 Concrete Work Category 2: Includes the construction of precast concrete including concrete barriers, traffic railing barriers, parapets, sound barriers, inlets, manholes, junction boxes, pipe culverts, storm sewers, box culverts, prestressed concrete poles, concrete bases for light poles, highway sign foundations, retaining wall systems, traffic separators or other structural precast elements.

344-1.2.3 Concrete Work Category 3: Includes the work associated with the placement and/or construction of structural cast-in-place concrete meeting the requirements of this section.

344-2 Materials.

344-2.1 General: Use concrete composed of a mixture of Portland cement, aggregates, and water, with or without chemical or mineral admixtures that meet the following requirements:

344-2.1.1 Portland Cement: Portland cements meeting the requirements of AASHTO M-85 or ASTM C-150 is required. Different brands of cement, cement of the same brand from different facilities or different types of cement shall be stored separately and shall not be mixed.

344-2.1.2 Coarse and Fine Aggregates: Aggregates shall meet ASTM C 33. Source approval by the FDOT is not required.

344-2.1.3 Water: Water shall meet the requirements of ASTM C 1602.

344-2.1.4 Chemical Admixtures: Chemical admixtures shall be listed on the FDOT Qualified Products List. Admixtures may be added at the dosage rates recommended by the manufacturer.

344-2.1.5 Pozzolans and Slag: Pozzolans and Slag shall meet the requirements of Table 344-1. Fly ash shall not include the residue resulting from the burning of municipal garbage or any other refuse with coal, or the burning of industrial or municipal garbage in incinerators.

Table 344-1		
Type or Class	Test Method	Exceptions
Class C Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Class F Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.
Petroleum Coke Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Bark Ash Class F	ASTM C 618	Not to be used with Types IP or IS cements.
Silica Fume	ASTM C 1240	
Metakaolin	ASTM C 618	

Slag	ASTM C 989	Use only ground granulated blast-furnace slag grade 100 or 120.
Ultra-Fine Fly Ash	ASTM C 618	Not to be used with Types IP or IS cements.

344-3 Production, Mixing and Delivery of Concrete.

344-3.1 Concrete Production Requirements:

344-3.1.1 Category 1: Use a concrete production facility that is certified by the National Ready Mixed Concrete Association (NRMCA) or listed on the FDOT list of non-structural concrete producers. Concrete production facilities listed on the FDOT Producers with Accepted QC Programs list for structural concrete may also be used for Category 1.

344-3.1.2 Category 2: Use a prestressed and or precast facility listed on the FDOT Producers with Accepted QC Programs for precast or prestressed concrete.

344-3.1.3 Category 3: Use a structural concrete facility listed on the FDOT Producers with Accepted QC Programs for structural concrete.

344-3.2 Classes of Concrete: Meet the requirements of Table 344-2.

Table 344-2						
Class	Minimum Strength (28 day) (psi)	Target Slump (inches)	Target Range (inches)	Air Content Range (%)	Minimum Total Cementitious Materials Content (lb/yd ³)	Maximum Water to Cementitious Material Ratio (lb/lb)
Category 1						
Class NS	2,500	N/A	N/A	N/A	N/A	N/A
Category 3						
I	3,000	3	± 1.5	1.0 to 6.0	470	0.53
I (Pavement)	3,000	2	± 1.5	1.0 to 6.0	470	0.50
II	3,400	3	± 1.5	1.0 to 6.0	470	0.53
II (Bridge Deck)	4,500	3	± 1.5	1.0 to 6.0	611	0.44
III	5,000	3	± 1.5	1.0 to 6.0	611	0.44
III (Seal)	3,000	8	± 1.5	1.0 to 6.0	611	0.53
IV	5,500	3	± 1.5	1.0 to 6.0	658	0.41
IV (Drilled Shaft)	4,000	8.5	± 1.5	0.0 to 6.0	658	0.41
V (Special)	6,000	3	± 1.5	1.0 to 6.0	752	0.37
V	6,500	3	± 1.5	1.0 to 6.0	752	0.37
VI	8,500	3	± 1.5	1.0 to 6.0	752	0.37

344-3.3 Contractors Quality Control: For Categories 1 and 2, assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times.

For Category 3, furnish a Quality Control (QC) plan to identify to the Engineer how quality will be ensured at the project site. During random inspections, the Engineer will use this document to verify that the construction of the project is in agreement with the QC plan.

344-3.4 Concrete Mix Design: Before producing any Category 1 or Category 2, submit the proposed mix designs to the Engineer on a form provided by the Engineer. For Category 3, submit to the Engineer for approval, FDOT approved mix designs. Do not use concrete mix designs without prior approval of the Engineer.

Materials may be adjusted provided that the theoretical yield requirement of the approved mix design is met. Show all required original approved design mix data and batch adjustments on an Engineer approved concrete delivery ticket.

344-3.5 Delivery: For Category 3, the maximum allowable transit time of concrete is 90 minutes.

Furnish a delivery ticket on a form approved by the Engineer with each batch of concrete before unloading at the placement site. Record material quantities incorporated into the mix on the delivery ticket. Ensure that the Batchers responsible for producing the concrete signs the delivery ticket certifying that the batch was produced and delivered in accordance with these requirements. Sign the delivery ticket certifying that the concrete was placed in accordance with these requirements.

344-3.6 Placing Concrete:

344-3.6.1 Concreting in Cold Weather: Do not mix or place concrete when the air temperature at placement is below 45°F.

During the curing period, if NOAA predicts the ambient temperature to fall below 35°F for 12 hours or more or to fall below 30°F for more than 4 hours, enclose the structure in such a way that the air temperature within the enclosure can be kept above 50°F for a period of 3 days after placing the concrete or until the concrete reaches a minimum compressive strength of 1,500 psi.

Assume all risks connected with the placing and curing of concrete. Although the Engineer may give permission to place concrete, the Contractor is responsible for satisfactory results. If the placed concrete is determined to be unsatisfactory, remove, dispose of, and replace the concrete at no expense to the Agency.

344-3.6.2 Concreting in Hot Weather: For Category 3, hot weather concreting is defined as the production, placing and curing of concrete when the concrete temperature at placing exceeds 86°F but is less than 100°F.

Unless the specified hot weather concreting measures are in effect, reject concrete exceeding 86°F at the time of placement. Regardless of special measures taken, reject concrete exceeding 100°F. Predict the concrete temperatures at placement time and implement hot weather measures to avoid production shutdown.

344-3.7 Mixers: For Category 3 concrete, do not place concrete from a truck mixer that does not have a current FDOT mixer identification card.

344-3.8 Small Quantities of Concrete: With approval of the Engineer, small quantities of concrete, less than 3 cubic yards placed in one day and less than 0.5 cubic yards placed in a single placement may be accepted using a pre-bagged mixture. The Engineer may verify that the pre-bagged mixture is prepared in accordance with the manufacturer's recommendations and will meet the requirements of this Specification.

344-3.9 Sampling and Testing:

344-3.9.1 Category 1: The Engineer may sample and test the concrete to verify its quality. The minimum 28-day compressive strength requirement for this concrete is 2,500 psi.

344-3.9.2: Category 2: No sampling and testing is required for category 2.

344-3.9.3 Category 3: The Engineer will randomly select a sample from each 200 cubic yards or one day's production to determine plastic properties and to make three 4 x 8 inch cylinders for testing by the Engineer at 28 days to ensure that the design compressive strength has been met for the class of concrete as specified in Table 344-2.

344-3.10 Records: Ensure the following records are available for review for at least 5 years after final acceptance of the project:

1. Approved concrete mix designs.
2. Materials source (delivery tickets, certifications, certified mill test reports).
3. A copy of the scale company or testing agency report showing the observed deviations from quantities checked during calibration of the scales and meters.
4. A copy of the documentation certifying the admixture weighing/measuring devices.

344-4 Acceptance of the Work.

344-4.1 Category 1 Work: Category 1 work will be accepted based on certification by the batcher and contractor on the delivery ticket.

344-4.2 Category 2 Work: Certify that the precast elements were produced by a production facility on the FDOT's list of Producers with Accepted QC Programs for precast or prestressed concrete. In addition, the producer's logo shall be stamped on the element. The producer shall not use the Florida Department of Transportation QC stamp on elements used on this project. Provide a statement of certification from the manufacturer of the precast element that the element meets the requirements of this Specification.

344-4.3 Category 3 Work: Category 3 concrete will be accepted based on the Engineer's test results for plastic properties and compressive strength requirements for the class of concrete as defined in Table 344-2. In addition, a Delivery Ticket as described in 344-3.5 will be required for acceptance of the material at the project site.

344-4.4 Small Quantities of Concrete: Category 3 concrete meeting the definition of 344-3.8 will be accepted in accordance with 344-4.3 based on test results for plastic properties and compressive strength.

344-5 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

344-6 Basis of Payment.

Prices and payments will be full compensation for all work and materials specified in this Section.

**LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM).
(REV 4-5-11) (FA 4-15-11)**

**SECTION 580
LANDSCAPE INSTALLATION FOR LAP (OFF-SYSTEM)**

580-1 Description.

Plant trees and shrubs of the species, size, and quality indicated in the plans.

The Engineer reserves the right to adjust the number and location of any of the designated types and species to be used at any of the locations shown, in order to provide for any unanticipated effects which might become apparent after the substantial completion of other phases of the project, or for other causes.

580-2 Materials.

580-2.1 Plants:

580-2.1.1 Authority for Nomenclature; Species, etc.: For the designated authority in the identification of all plant material, refer to two publications of L.H. Bailey: "Hortus III" and "Manual of Cultivated Plants," and ensure that all specimens are true to type, name, etc., as described therein. For the standard nomenclature, refer to the publication of the American Joint Committee on Horticultural Nomenclature, "Standardized Plant Names."

580-2.1.2 Grade Standards and Conformity with Type and Species: Only use nursery grown plant material except where specified as Collected Material. Use nursery grown plant material that complies with all required inspection, grading standards, and plant regulations in accordance with the latest edition of the Florida Department of Agriculture's "Grades and Standards for Nursery Plants".

Except where a lesser grade might be specifically specified in the plans, ensure that the minimum grade for all trees and shrubs is Florida No. 1. Ensure that all plants are the proper size and grade at the time of delivery to the site, throughout the project construction period and during any designated plant establishment period.

Ensure that plant materials are true to type and species and that any plant materials not specifically covered in Florida Department of Agriculture's "Grades and Standards for Nursery Plants" conform in type and species with the standards and designations in general acceptance by Florida nurseries.

Ensure that plant materials are shipped with tags stating the botanical and common name of the plant.

580-2.1.3 Inspection and Transporting: Move nursery stock in accordance with all Federal and State regulations therefore, and accompany each shipment with the required inspection certificates for filing with the Engineer.

580-2.2 Water: Water used in landscaping operations may be obtained from any approved source. Ensure that water is free of any substance which might be detrimental to plant growth. The use of effluent water is subject to approval and must meet all Federal, State and Local requirements.

580-3 Specific Requirements for the Various Plant Designations.

580-3.1 Balled-and-Burlapped Plants (B&B), and Wired Balled-and-Burlapped (WB & B):

580-3.1.1 General: Properly protect the root ball of these plants until planting them. The Engineer may reject any plant which shows evidence of having been mishandled.

Set the B&B and WB&B plants then remove the top 2/3 of all wire, rope, and binding

surrounding the plant. Remove the burlap from the top 4 inches of the root ball. Do not disturb the root ball in any way. Bare root material is not allowed for substitution.

At least 90 days before digging out B & B and WB & B plants, root-prune those 1 1/2 inches or greater in diameter and certify such fact on accompanying invoices.

580-3.1.2 Provisions for Wiring: For plants grown in soil of a loose texture, which does not readily adhere to the root system (and especially in the case of large plants or trees), the Engineer may require WB & B plants. For WB & B plants, before removing the plant from the excavated hole, place sound hog wire around the burlapped ball, and loop and tension it until the tightened wire netting substantially packages the burlapped ball such as to prevent disturbing of the loose soil around the roots during handling.

580-3.2 Container-Grown Plants (CG): The Engineer will not accept any CG plants with roots which have become pot-bound or for which the top system is too large for the size of the container. Fully cut and open all containers in a manner that will not damage the root system. Do not remove CG plants from the container until immediately before planting to prevent damage to the root system.

580-3.3 Collected Plants (Trees and Shrubs) (C): Use C plants which have a root ball according to "Florida Grades and Standards for Nursery Plants". Do not plant any C plant before the Engineer's inspection and acceptance at the planting site.

580-3.4 Collected Plants (Herbaceous) (HC): The root mass and vegetative portions of collected herbaceous plants shall be as large as the specified container-grown equivalent. Do not plant any collected plant before inspection and acceptance by the Engineer.

580-3.5 Specimen Plants (Special Grade): When Specimen (or Special Grade) plants are required, label them as such on the plant list, and tag the plant to be furnished.

580-3.6 Palms: Wrap the roots of all plants of the palm species before transporting, except if they are CG plants and ensure that they have an adequate root ball structure and mass for healthy transplantation as defined in "Florida Grades and Standards for Nursery Plants".

The Engineer will not require burlapping if the palm is carefully dug from marl or heavy soil that adheres to the roots and retains its shape without crumbling. During transporting and after arrival, carefully protect root balls of palms from wind and exposure to the sun. Muck grown palms are not allowed. After delivery to the job site, if not planting the palm within 24 hours, cover the root ball with a moist material. Plant all palms within 48 hours of delivery to the site.

Move sabal and coconut palms in accordance with the "Florida Grades and Standards for Nursery Plants."

580-3.7 Substitution of Container-Grown (CG) Plants: With the Engineer's approval, the Contractor may substitute CG plants for any other root classification types, if he has met all other requirements of the Contract Documents.

580-4 Planting Requirements.

580-4.1 Layout: Prior to any excavation or planting, mark all planting beds and individual locations of palms, trees, large shrubs and proposed art and architectural structures, as shown in the plans, on the ground with a common bright orange colored spray paint, or with other approved methods, within the project limits. Obtain the Engineer's approval and make necessary utility clearance requests.

580-4.2 Excavation of Plant Holes: Excavate plant holes after an area around the plant three times the size of the root ball has been tilled to a depth of the root ball. Ensure that the plant hole is made in the center of the tilled area only to the depth of the plant root ball.

Where excess material has been excavated from the plant hole, use the excavated material to backfill to proper level.

580-4.3 Setting of Plants: Center plants in the hole. Lower the plant into the hole so that it rests on a prepared hole bottom such that the roots are level with, or slightly above, the level of their previous growth and so oriented such as to present the best appearance.

Backfill with native soil, unless otherwise specified on the plans. Firmly rod and water-in the backfill so that no air pockets remain. Apply a sufficient quantity of water immediately upon planting to thoroughly moisten all of the backfilled earth. Keep plants in a moistened condition for the duration of the planting period.

When so directed, form a water ring 6 inches in width to make a water collecting basin with an inside diameter equal to the diameter of the excavated hole. Maintain the water ring in an acceptable condition.

580-4.4 Special Bed Preparation: Where multiple or mass plantings are to be made in extended bedding areas, and the plans specify Special Bed Preparation, prepare the planting beds as follows:

Remove all vegetation from within the area of the planting bed and excavate the surface soil to a depth of 6 inches. Backfill the excavated area with peat, sand, finish soil layer material or other material to the elevation of the original surface. Till the entire area to provide a loose, friable mixture to a depth of at least 8 inches. Level the bed only slightly above the adjacent ground level. Then mulch the entire bedding area, in accordance with 580-8.

580-5 Staking and Guying.

580-5.1 General: When specified in the plans, or as directed by the Engineer, stake plants in accordance with the following.

Use wide plastic, rubber or other flexible strapping materials to support the tree to stakes or ground anchors that will give as the tree moves in any direction up to 30 degrees. Do not use rope or wire through a hose. Use guy chords, hose or any other thin bracing or anchorage material which has a minimum 12 inches length of high visibility flagging tape secured to guys, midway between the tree and stakes for safety.

Stake trees larger than 1-inch diameter and smaller than 2 inches diameter with a 2 by 2-inch stake, set at least 2 feet in the ground and extending to the crown of the plant. Firmly fasten the plant to the stake with flexible strapping materials as noted above.

580-5.2 Trees of 2 to 3 1/2 inches [50 to 90 mm] Caliper: Stake all trees, other than palm trees, larger than 2 inches caliper and smaller than 3 1/2 inches caliper with two 2 by 4-inch stakes, 8 feet long, set 2 feet in the ground. Place the tree midway between the stakes and hold it firmly in place by flexible strapping materials as noted above.

580-5.3 Large Trees: Guy all trees, other than palm trees, larger than 3 1/2 inches caliper, from at least three points, with flexible strapping materials as noted above.

Anchor flexible strapping to 2 by 4 by 24-inch stakes, driven into the ground such that the top of the stake is at least 3 inches below the finished ground.

580-5.4 Special Requirements for Palm Trees: Brace palms which are to be staked with three 2 by 4-inch wood braces, toe-nailed to cleats which are securely banded at two points to the palm, at a point one third the height of the trunk. Pad the trunk with five layers of burlap under the cleats. Place braces approximately 120 degrees apart and secure them underground by 2 by 4 by 12-inch stake pads.

580-6 Tree Protection and Root Barriers.

Install tree barricades when called for in the Contract Documents or by the Engineer to protect existing trees from damage during project construction. Place barricades at the drip line of the tree foliage or as far from the base of the tree trunk as possible. Barricades shall be able to withstand bumps by heavy equipment and trucks. Maintain barricades in good condition.

When called for in the Contract Documents, install root barriers or fabrics in accordance with the details shown.

580-7 Pruning.

Prune all broken or damaged roots and limbs in accordance with established arboriculture practices. When pruning is completed ensure that all remaining wood is alive. Do not reduce the size or quality of the plant below the minimum specified.

580-8 Mulching.

Uniformly apply mulch material, consisting of wood chips (no Cypress Mulch is allowed), pine straw, compost, or other suitable material approved by the Engineer, to a minimum loose thickness of 3 inches over the entire area of the backfilled hole or bed within two days after the planting. Maintain the mulch continuously in place until the time of final inspection.

580-9 Disposal of Surplus Materials and Debris.

Dispose of surplus excavated material from plant holes by scattering or otherwise as might be directed so that it is not readily visible or conspicuous to the passing motorist or pedestrian. Remove all debris and other objectionable material from the site and clean up the entire area and leave it in neat condition.

580-10 Contractor's Responsibility for Condition of the Plantings.

Ensure that the plants are kept watered, that the staking and guying is kept adjusted as necessary, that all planting areas and beds are kept free of weeds and undesirable plant growth and that the plants are maintained so that they are healthy, vigorous, and undamaged at the time of acceptance.

580-11 Plant Establishment Period.

If the Contract Documents designate a Plant Establishment Period, assume responsibility for the proper maintenance, survival and condition of all landscape items during such period at no additional cost.

580-12 Method of Measurement.

The quantities to be paid for will be the items shown in the plans, completed and accepted.

580-13 Basis of Payment.

Prices and payments will be full compensation for all work specified in this Section.

EXHIBIT A
MINIMUM INSURANCE REQUIREMENTS

I. Commercial General Liability

A. Limits of Liability	
Bodily Injury & Property Damage Liability	
Each Occurrence	\$1,000,000
Policy Aggregate	\$2,000,000
Personal & Advertising Injury	\$1,000,000
Products & Completed Operations	\$1,000,000

B. Endorsements Required

City of Doral listed as an additional insured
Contingent & Contractual Liability
Premises and Operations Liability
Primary Insurance Clause Endorsement
Explosion, Collapse & Underground Hazard

II. Business Automobile Liability

A. Limits of Liability	
Bodily Injury and Property Damage	
Combined Single Limit	
Any Auto/Owned Autos or Scheduled Autos	
Including hired and Non-Owned Autos	
Any One Accident	\$2,000,000

B. Endorsements Required

City of Doral listed as an additional insured

III. Workers Compensation

Statutory- State of Florida

Employer's Liability

A. Limits of Liability	
\$1,000,000 for bodily injury caused by an accident, each accident	
\$1,000,000 for bodily injury caused by disease, each employee	
\$1,000,000 for bodily injury caused by disease, policy limit	

IV. Umbrella/Excess Liability (Excess Follow Form)

A. Limits of Liability	
Each Occurrence	\$4,000,000
Policy Aggregate	\$4,000,000

City of Doral listed as an additional insured
Excess Form over all applicable liability policies

V. Installation Floater (If Applicable) **\$Bid Cost**

Causes of Loss: All Risk/Special Form Coverage
Valuation: Replacement Cost
Deductible: 10,000 AOP, 5% Wind and Hail

VI. Owner's & Contractor's Protective Liability

A. Limits of Liability	
Each Occurrence	\$1,000,000
Policy Aggregate	\$1,000,000
City of Doral listed as named insured	

VII. Payment and Performance Bond **\$TBD**

City of Doral listed as Obligee

Subcontractors' Compliance: It is the responsibility of the CONTRACTOR to ensure that all Subcontractors comply with all insurance requirements.

All above coverage must remain in force and Certificate of Insurance on file with City without interruption for the duration of this agreement. Policies shall provide the City of Doral with 30 days' written notice of cancellation or material change from the insurer. If the policies do not contain such a provision, it is the responsibility of the CONTRACTOR to provide such notice within 10 days of the change or cancellation.

Certificate Holder: City of Doral, Florida
8401 NW 53rd Terrace
Doral, FL 33166

Certificates/Evidence of Property Insurance forms must confirm insurance provisions required herein. Certificates shall include Agreement, Bid/Contract number, dates, and other identifying references.

Insurance Companies must be authorized to do business in the State of Florida, and must be rated no less than "A-" as to management, and no less than "Class V" as to financial strength, by the latest edition of AM Best's Insurance Guide, or its equivalent.

Coverage and Certificates of Insurance are subject to review and verification by City of Doral Risk Management. City reserves the right but not the obligation to reject any insurer providing coverage due to poor or deteriorating financial condition. The City reserves the right to amend insurance requirements in order to sufficiently address the scope of services. These insurance requirements shall not limit the liability of the CONTRACTOR/Vendor. The City does not represent these types or amounts of insurance to be sufficient or adequate to protect the CONTRACTOR/Vendor's interests or liabilities but are merely minimums.

“EXHIBIT B” CHANGE ORDER FORM



For all the right reasons! SM

CHANGE ORDER FORM

To Contractor:		Change Order Number:	
		Proposal Number:	

Project Name: _____

Project Number: _____

The City and Contractor hereby agree to perform the changes to the work as shown on the revised plans approved on: _____ and/or the additional work as described on Proposal Number: _____, dated _____.

PROPOSAL DESCRIPTION:

Total Amount of this Change Order: _____

The City and Contractor agree to modify the original Contract by the following CHANGE ORDER amount:

Original Contract Amount.....	_____
Net change by Previous authorized Change Orders.....	_____
Contract Amount prior to this Change Order.....	_____
Contract Amount will be (increased)(decrease)(unchanged) in the amount of.....	_____
New Contract Amount including this Change Order.....	_____
Contract Time will be (increased)(decreased)(unchanged) by.....	_____

ACCEPTANCE: The above prices and specifications of the Change Order Proposal are satisfactory and are hereby accepted. _____ will perform the above stated work under the same terms and conditions as specified in original contract unless otherwise noted.

Contractor Signature: _____	Date: _____
Title: _____	

Authorized CITY Signature: _____	Date: _____
Title: _____	

**“EXHIBIT C”
CONSTRCUTION PLANS
(see attached)**



"For all the right reasons!"SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT-D

PARTIAL WAIVER AND RELEASE OF LIEN
(Contractor/Prime)

LET THE FOLLOWING BE KNOWN:

That the undersigned lienor in consideration of the **Progress** payment in the amount of _____, has been paid in full all amounts due and owed to it by **The City of Doral** and does hereby waive, release and relinquish any and all rights, liens, lien rights, claims or demands of any kind whatsoever, through _____, (date) against **City of Doral** the owner, its officials and/or assignees and its surety if one exists, arising out of or in connection with the following project:

Project No.: _____
Location: _____
County/State: _____

IN WITNESS WHERE OF, I have hereunto set my hand seal this _____ day of _____; 20_____

Lienor's Name: _____

By: (sign): _____

Print Name: _____

Title: _____

STATE OF: _____

COUNTY OF: _____

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and correct to the best of my knowledge and belief.

The foregoing instrument was acknowledged before me, **by means of** ☐ **physical presence** or ☐ **online notarization**, this ____ day of _____, ____ (year), by _____ on behalf of _____ (lienor) ☐ who is personally known to me or ☐ who produced _____ as identification and who ☐ did ☐ did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____



"For all the right reasons" SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT-E

**PARTIAL WAIVER AND RELEASE OF LIEN
(Sub-Contractor/Supplier)**

LET THE FOLLOWING BE KNOWN:

That the undersigned lienor in consideration of the **Progress** payment in the amount of _____, has been paid in full all amounts due and owed to it by _____ (Prime Contractor) and does hereby waive, release and relinquish any and all rights, liens, lien rights, claims or demands of any kind whatsoever, through _____, (date) against _____ (Prime Contractor) and City of Doral the owner, its successors and/or assigns and its surety if one exists, arising out of or in connection with the following project:

Project No.: _____
Location: _____
County/State: _____

IN WITNESS WHERE OF, I have hereunto set my hand seal this _____ day of _____; 20_____

Lienor's Name: _____

By: (sign): _____

Print Name: _____

Title: _____

STATE OF: _____

COUNTY OF: _____

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and correct to the best of my knowledge and belief.

The foregoing instrument was acknowledged before me, **by means of** ☐ **physical presence** or ☐ **online notarization**, this _____ day of _____, (year), by _____ on behalf of _____ (lienor) [] who is personally known to me or [] who produced _____ as identification and who [] did [] did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____



"For all the right reasons!"SM

CITY OF DORAL PUBLIC WORKS DEPARTMENT

EXHIBIT - F

Contractor check list of items required for Progress Payment

- ☐ AIA Payment Requisition Form (notarized)
- ☐ Certified Payrolls (if applicable)
- ☐ Copy of Project Schedule (as of date of invoice)
- ☐ Red-Line as-builts (highlighting items invoiced)
- ☐ Partial Release of Lien OR Consent of Surety (2nd invoice on) ***City Form*** (Subs/Suppliers/Prime)
- ☐ Certification of Contractor (2nd invoice on)***City Form***
- ☐ Contractor's Notification List of Suppliers and Subcontractors***City Form***
- ☐ Final Release of Lien ***City Form*** (Subs/Suppliers/Prime)

CEI check list of items required for City process of Progress Payment

- ☐ Letter of recommendation for payment certifying quantities submitted and installed as per Contract Specifications .
- ☐ **Copies will be utilized to initiate payment process.**
However, **Originals** will be collected prior to payment made by the City. Subsequent payment application will not be processed until Original Copies of previous invoice's executed documents are collected.



For all the right reasons! SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT-G

Certification of Contractor

Contract Number: _____

CERTIFICATION OF THE CONTRACTOR

According to the best of my knowledge and belief, I certify that all work has been performed and materials supplied in full accordance with the terms and conditions of the Contract. I further certify that payments in full have been made by the contractor to all persons, firms and corporations supplying labor, materials or supplies, used directly or indirectly by the contractor or by any subcontractor in the prosecution of the work provided for said contract.

INVOICE NO.: _____

FOR PERIOD ENDING: _____

Date: _____ Contractor: _____
(Print or Type Name of Contractor)

Affix corporate seal if a corporation

STATE OF FLORIDA
COUNTY OF MIAMI-DADE

By: _____
(Signature of Officer, Partner, or Owner)

The foregoing instrument was acknowledged before me, **by means of** ☐ **physical presence** or ☐ **online notarization**, this ____ day of _____, ____ (year), by _____ on behalf of _____ (lienor) ☐ who is personally known to me or ☐ who produced _____ as identification and who ☐ did ☐ did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____



CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT - H

Contractor's Notification List of Suppliers and Subcontractors

Directions:

The Contractor shall prepare this form by listing only the suppliers who have provided services and materials, and the subcontractors who have worked on this contract during **THIS** invoiced period.

Contractor Name _____

Contract No. _____

Invoice No. _____

Invoice Period: _____

Name of Company	Supplier	Subcontractor
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Contractor:

According to the best of my knowledge and belief, the above list constitutes a complete listing of all the appropriate suppliers and subcontractors for which we will promptly furnish a duly executed Affidavit and Release from each.

Contractor Representative:

(Sign)

(Title)

(Print Name)

(Date)

City of Doral:

According to the best of our knowledge and belief, we have reviewed the list on this form, which was prepared and submitted by the contractor, and found it to be a complete listing

Inspector:

(Sign)

(Date)

(Print Name)



"For all the right reasons" SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT-I

**FINAL WAIVER AND RELEASE OF LIEN
(Contractor/Prime)**

LET THE FOLLOWING BE KNOWN:

That the undersigned lienor in consideration of the **Final** payment in the amount of _____, has been paid in full all amounts due and owed to it by **The City of Doral** and does hereby waive, release and relinquish any and all rights, liens, lien rights, claims or demands of any kind whatsoever, through _____, (date) against **City of Doral** the owner, its officials and/or assignees and its surety if one exists, arising out of or in connection with the following project:

Project No.: _____
Location: _____
County/State: _____

IN WITNESS WHERE OF, I have hereunto set my hand seal this _____ day of _____; 20_____

Lienor's Name: _____

By: (sign): _____

Print Name: _____

Title: _____

STATE OF: _____

COUNTY OF: _____

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and correct to the best of my knowledge and belief.

The foregoing instrument was acknowledged before me, **by means of** ☐ **physical presence** or ☐ **online notarization**, this ____ day of _____, ____ (year), by _____ on behalf of _____ (lienor) ☐ who is personally known to me or ☐ who produced _____ as identification and who ☐ did ☐ did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____



"For all the right reasons!"SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT-J

**FINAL WAIVER AND RELEASE OF LIEN
(Sub-Contractor/Supplier)**

LET THE FOLLOWING BE KNOWN:

That the undersigned lienor in consideration of the Final payment in the amount of _____, has been paid in full all amounts due and owed to it by _____ (Prime Contractor) and does hereby waive, release and relinquish any and all rights, liens, lien rights, claims or demands of any kind whatsoever, through _____, (date) against _____ (Prime Contractor) and City of Doral the owner, its successors and/or assigns and its surety if one exists, arising out of or in connection with the following project:

Project No.: _____
Location: _____
County/State: _____

IN WITNESS WHERE OF, I have hereunto set my hand seal this _____ day of _____; 20_____

Lienor's Name: _____

By: (sign): _____

Print Name: _____

Title: _____

STATE OF: _____

COUNTY OF: _____

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and correct to the best of my knowledge and belief.

The foregoing instrument was acknowledged before me, **by means of** ☐ **physical presence** or ☐ **online notarization**, this ____ day of _____, ____ (year), by _____ on behalf of _____ (lienor) [] who is personally known to me or [] who produced _____ as identification and who [] did [] did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____



"For all the right reasons!"SM

CITY OF DORAL
PUBLIC WORKS DEPARTMENT

EXHIBIT - K

TO: City of Doral

RE: RFQ 2019-37 - Public Works Warehouse Retrofit (WO #1) - Labor Burden Declaration

DATE: _____

Below please find _____ (Company Name) labor burden breakdown.

Labor Burden Breakdown

<u>Description</u>	<u>Rate</u>
FICA	%
Medicare	%
FUTA	%
SUTA	%
Workers Compensation	%
Vacation Benefits	%
Sick Day Benefits	%
401K/Investment Benefits	%
Other Benefits	%
	=====
Total	%

STATE OF _____

COUNTY OF _____

I _____ (**Firm's CPA print name**) hereby
acknowledge that the statements contained in the Labor Burden Declaration above are true and
correct as of the date on this document.

The foregoing was acknowledged before me this _____ day of _____,
20____, by _____ (**Firm's CPA sign name**) on behalf
of _____ (**Contractor Firm Name**) [] who is personally
known to me or [] who produced _____ as identification and
who [] did [] did not take an oath.

Notary Signature: _____

Notary Name: _____

My commission expires: _____