

WORK ORDER No. 5 FOR PROFESSIONAL SERVICES

TO: Kimley-Horn and Associates , Inc.
2 Alhambra Plaza, Suite 500
Coral Gables, FL 33134
(305) 673-2025

DATE: January 17, 2024

The City of Doral authorizes the firm of Kimley-Horn and Associates , Inc (Kimley-Horn) to proceed with the design phase of NW 104th Ave from NW 33rd Street to NW 41st Street for a new sidewalk improvements. Where Kimley-Horn, is part of the pre-qualified pool of consultants selected in accordance with RFQ 2023-08 requirements and approved by the City Council on March 13, 2024, via Resolution 24-54. The work should be performed in accordance with the contract provisions contained in the Professional Services Agreement between Kimley-Horn and the City of Doral dated June 29, 2024, and the attached Proposal submitted on December, 18 2024, submitted by your firm for the above referenced project.

SCOPE OF SERVICES AND SCHEDULE:

The scope of the project will be as described in the attached proposal from Kimley-Horn, dated December 18, 2024, The schedule requires the scope of work to be completed within Nine (9) months after the Notice to Proceed is provided. All time limitations set forth in this Work Order are of the essence. The performance of services associated with this Work Order will be executed on a time and material basis not to exceed the amount of \$129,154.34.

You are required by the Continuing Service Agreement to begin work after the execution of this Work Order, or as directed otherwise. If you fail to begin work after the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal and revoke the award.

This Work Order incorporates the terms and conditions set forth in the Professional Services Agreement dated June 29 , 2024, between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply. This Work Order is not binding until the City of Doral agrees and approves this Work Order.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart, be deemed an original Contract.

CONSULTANT: Kimley-Horn and Associates, Inc.

WITNESSES:

SEAL:

BY: 
NAME: Leonte Almonte
TITLE: Vice-president


1. 
2. 




OWNER: City of Doral

AUTHENTICATION:

BY: Zeida Sardinas
NAME: Zeida Sardinas
TITLE: City Manager

BY: 
NAME: Connie Diaz
TITLE: City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE SOLE USE OF THE CITY OF DORAL:

BY: 
NAME: Lorenzo Cobiella
Gastesi, Lopez and Mestre, PLLC
TITLE: City Attorney

RESOLUTION No. 25-24

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, AUTHORIZING THE CITY MANAGER TO EXECUTE A WORK ORDER WITH KIMLEY-HORN AND ASSOCIATES, INC. FOR THE DESIGN AND PERMITTING PHASE OF A SIDEWALK ALONG NW 104 AVENUE BETWEEN NW 33 STREET AND NW 41 STREET, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY NINE THOUSAND, ONE HUNDRED FIFTY FOUR DOLLARS AND 34/100 (\$129,154.34); AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND BUDGETED FUNDS; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR INCORPORATION OF RECITALS; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, The City of Doral's (the "City") Public Works Department (the "PWD") desires to secure the services of an engineering firm to provide the services identified for the project entitled "Sidewalk design and permitting services on NW 104th Avenue from NW 33rd Street to NW 41st Street; and

WHEREAS, Kimley-Horn and Associates ("Kimley-Horn") is a prequalified provider of professional engineer services selected in accordance with the Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council on March 13, 2024, via Resolution 24-54; and

WHEREAS, In October of 2024, the PWD requested a proposal from Kimley-Horn to provide professional services for the sidewalk design and permitting of NW 104th Ave from NW 33rd Street to NW 41st Street; and

WHEREAS, staff recommends that the City Council approve and authorize the City Manager to execute Work Order No. 5, as enclosed herein, with Kimley-Horn to provide professional services for the design and permitting services of the proposed sidewalk along NW 104th Avenue from NW 33rd Street to NW 41st Street in a not to

exceed the amount of One Hundred Twenty Nine Thousand, One Hundred Fifty Four Dollars and 34/100 (\$129,154.34); and

WHEREAS, the funding for this request is available from in the current Fiscal Year in the Public Works Transportation Fund, Account Num. 101.80005.500650.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:

Section 1. Recitals. The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

Section 2. Approval. Work Order No. 5 between the City of Doral and Kimley-Horn for the provision of professional engineering services to design the proposed sidewalk along NW 104th Avenue from NW 33rd Street to NW 41st Street in an amount not to exceed One Hundred Twenty Nine Thousand, One Hundred Fifty Four Dollars and 34/100 (\$129, 154.34), a copy of which is attached as Exhibit "A," is hereby approved.

Section 3. Authorization. The City Manager is authorized to execute the Work Order and expend budgeted funds on behalf of the City in furtherance hereof.

Section 4. Implementation. The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

Section 5. Effective Date. This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Councilmember Pineyro who moved its adoption.
The motion was seconded by Councilmember Reinoso and upon being put to a vote, the
vote was as follows:

Mayor Christi Fraga	Yes
Vice Mayor Maureen Porras	Yes
Councilwoman Digna Cabral	Absent/Excused
Councilman Rafael Pineyro	Yes
Councilwoman Nicole Reinoso	Yes

PASSED AND ADOPTED this 15 day of January, 2025.



CHRISTI FRAGA, MAYOR

ATTEST:



CONNIE DIAZ, MMC
CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:



LORENZO COBIELLA
GASTESI, LOPEZ, MESTRE & COBIELLA, PLLC
CITY ATTORNEY

EXHIBIT “A”



December 18, 2024

Ms. Darlin Perez, P.E.
Chief of Engineering
City of Doral
8300 NW 53rd Street, Doral, FL 33166

RE: *Proposal for Professional Engineering Consultant Design and Permitting Services for NW 104th Ave Sidewalk Construction Documents from NW 33rd Street to NW 41st Street, City of Doral, Miami-Dade County, Florida*

Dear Ms. Perez:

Kimley-Horn and Associates, Inc. ("Kimley-Horn" or "Consultant") is pleased to submit this letter agreement ("Agreement") to the City of Doral ("Client") for providing professional engineering consulting services for the above referenced project. All work under this scope will be in accordance with the terms and conditions of Professional Services Agreement (General Engineering/Architecture Services RFQ 2023-08), between the City of Doral and Kimley-Horn. Our project understanding, scope of services, and fees follow:

PROJECT UNDERSTANDING

Our proposed scope of services and fee proposal is based on the Client's request for the design of sidewalk and related improvements to improve pedestrian connectivity from NW 33rd St to NW 41st along NW 104th Ave. Kimley-Horn will provide construction plans for the improvements recommended by the Sidewalk Feasibility Study (Appendix A).

1. Plans are to be prepared using Miami-Dade County Plans Preparation Format and Standards for Roadway Construction Projects.
2. Signalization improvements will be required by Miami-Dade County Department of Transportation and Public Works Traffic Signs and Signals Division at the intersection of NW 33rd St for sidewalk connection with existing pedestrian facilities along NW 33rd St.
3. Impacts to existing trees are anticipated along the corridor. An arborist report will be required upon 60% design is complete to determine health of impacted trees and mitigation strategies. It is anticipated the proposed improvements will require permits from Miami-Dade County Regulatory and Economic Resources Department for Tree Permit

SCOPE OF SERVICES

TASK 01 – TOPOGRAPHIC SERVICES

See Appendix "B", Sub-consultant Fee Proposal for Scope of Services.

TASK 02 – ROADWAY CONSTRUCTION DOCUMENTS

A base map of the existing conditions will be prepared, at a scale of 1" = 40', utilizing the field survey data. Kimley-Horn will develop a typical section for the proposed roadway improvements within the roadway right of way. Kimley-Horn will submit this typical section to the Client for approval. Kimley-Horn will provide plans based upon the approved typical section. The design plans will show the geometric layout over the base survey data.

Kimley-Horn will submit an electronic copy (PDF format) of the 60% plans to the City of Doral prior to submitting revised 60% plans to the permitting agencies for distribution to the appropriate departments for their review. After sufficient review time, a meeting will be scheduled with City and County staff to review the 60% design plans. The purpose of the meeting will be to review the 60% plan comments, discuss revisions and design decisions, solicit additional comments from agencies' staff and Client representatives, concluding the meeting with an approved Plan. The 90% plans review will be similar to the 60% review process.

Kimley-Horn will furnish the plans to each utility company known to operate within the project area with a request that each utility company return one set of marked-up plans, identifying the horizontal and vertical location of their facilities. Kimley-Horn will incorporate the markups related to location of existing utilities into the plans.

Kimley-Horn anticipates attending the following meetings as part of the construction documents phase: three (3) meetings with Client staff for coordination and review comments; nine (9) status calls/meetings with client; one (1) meeting with the utility companies to review the project and potential impacts to their utilities (Utility Coordination Meeting); and two (2) meetings with Miami Dade County for permit coordination.

In general, the roadway construction plans and other deliverables will contain the following information:

Roadway

1. A cover sheet utilizing the standard Miami-Dade County cover sheet.
2. Typical sections (1).
3. Summary of quantities.
4. Horizontal alignments and roadway improvements will be shown on the plan sheets. Signing and Marking will also be included in roadway plan sheets
5. General notes will be provided as needed.
6. Existing utility information, as provided in the survey and the information provided by the respective utility Owners will be added to the plans.
7. Miscellaneous Details not included in County or FDOT Standards.

Signalization

The consultant will prepare signal modification plans for the crossing west and north leg of the NW 33rd Street intersection. No changes to mast arms are anticipated. The plans will include details for new pedestrian push buttons and vehicle detection systems.

Permitting

It is anticipated that permits will be required for the proposed roadway improvements from the following agencies:

1. Miami-Dade County Public Works and Transportation Department - Traffic Engineering Division and Traffic Signs and Signals Division
2. City of Doral Public Works Department

TASK 03 – TREE PERMITTING AND MITIGATION PLANS

Upon completion of 60% design, Kimley-Horn will subcontract a licensed arborist to analyze the impacts to existing trees based on proposed design.

Based on the tree permitting process and upon completion of arborist report, Kimley-Horn will prepare tree disposition and mitigation plans, which will be developed to include the trees that are necessary to provide the required mitigation.

In general, the plans will include the following:

1. Summary of Quantities and Notes - Summarizing the anticipated work elements and their associated approximate quantities as well as notes relating to these elements
2. Tree Disposition and Mitigation Plan
3. Coordination with Miami-Dade DERM for tree permit, limited to 20 hours.

TASK 05 - THE CLIENT'S ADDITIONAL SERVICES

Upon your authorization, we will provide any additional services that may be required beyond those described in Task 01 and Task 3. These services may include the following:

- Updates to opinion of probable cost previously submitted
- Lighting design
- Traffic Control Plans
- Post Design and Bidding Phase Services
- Specification package other than FDOT Specs Book
- Changes required as a result of major change from scope of services described above
- Any work related to grants of easement or right of way acquisition
- Services not specifically included within "Scope of Services"



SCHEDULE

Consultant shall submit the Deliverables and perform the Work as depicted in the tables below

Major Task, Sub-Task, Activity, or Deliverable	Duration (specify weeks)	Delivery Date* (cumulative weeks)
Survey	6 weeks	NTP + 6 weeks
60% Phase Submittal	6 weeks	NTP + 12 weeks
90% Submittal (assumes 6 weeks of review and 2 weeks for arborist assessment)	16 weeks	NTP + 28 weeks
Final Plans Submittal	12 weeks	NTP + 40 weeks

**An updated schedule, indicating actual delivery dates, based on the above durations, will be provided to the City upon receipt of the NTP.*

FEE AND BILLING

Kimley-Horn will accomplish the services outlined in Task 01 through 03 on a labor fee plus expense basis with estimated labor fee shown below. Labor fee will be billed on an hourly basis according to the standard hourly rate agreed between Kimley-Horn and the Client. Direct expenses, if required, will be billed at 1.15 of the cost. Expenses are in addition to the labor amount. Fees and expenses will be invoiced monthly based upon actual services performed and expenses incurred as of the invoice date. Billing will be due and payable within twenty-five (25) days of receipt of invoice.

Estimated Hourly Fees

Task	Description	Labor Fee
01	Topographic Survey (See Scope in Appendix “B”).....	\$20,164.92
02	Roadway Construction Documents	\$88,661.92
03	Tree Permit/Mitigation	\$20,327.50
Total Labor.....		\$129,154.34

Kimley-Horn will not exceed the total maximum labor fee shown above without authorization from the Client. Individual task amounts are informational only.

04 Additional Services.....as Required
Task 04 Requires Authorization

Expected Reimbursement Expenses (Arborist Services)\$5,000



CLOSURE

In addition to the matters set forth herein, our Agreement shall include and be subject to, and only to, the terms and conditions of the Professional Services Agreement (General Engineering/Architecture Services RFQ 2023-08), between the City of Doral and Kimley-Horn, which is hereby incorporated by reference. If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy and return the other to us. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please don't hesitate to contact Gabriela Ramirez or myself at (305) 673-2025 if you have any questions.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A blue ink signature of Leonte I. Almonte, consisting of stylized initials and a long horizontal flourish.

By: Leonte I. Almonte, PE

Vice-President

A blue ink signature of Gabriela P. Ramirez, written in a cursive style.

Gabriela P. Ramirez, P.E.

Project Manager

FEE QUOTATION PROPOSAL FOR SIDEWALK CONSTRUCTION PLANS ALONG NW 104TH AVENUE
FROM NW 33RD STREET AVENUE TO NW 41TH STREET

Consultant's Name: Kimley-Horn and Associates, Inc.
ENGINEERING PLANNING SERVICES

Prepared by: Gabriela Ramirez, PE
Date: 12/19/2024

STAFF HOURS										
	Activity	Principal Engineer	Project Manager	Sr. Engineer	Project Engineer	Engineering Technician	CADD Tech.	Clerical	Staff Hours by Activity	Salary Cost for Activity
2	Roadway Construction Documents								0	\$0.00
	Roadway	14	66	50	72	60		12	274	\$57,110.20
	Signalization	8	12	28	24	8			80	\$18,054.48
	Permitting	4	20	20	12				56	\$13,497.24
3	Tree Permitting and Mitigation Plans		6	46	22	24			98	\$20,327.50
	TOTAL HOURS	26	104	144	130	92	0	12	508	\$108,989.42
	Rates	\$293.76	\$257.80	\$238.40	\$199.85	\$142.40	\$125.15	\$94.13		
	Totals S-H and Cost	\$7,637.76	\$26,811.20	\$34,329.60	\$25,980.50	\$13,100.80	\$0.00	\$1,129.56	\$108,989.42	\$214.55

TOTAL CONTRACT COST COMPUTATIONS	
Total Activity Salary Costs	\$108,989.42
Subtotal (Salary Related Cost)	\$108,989.42
Subconsultants	
Survey - MGVERA	\$ 20,164.92
TOTAL Kimley-Horn	\$129,154.34

PROJ. NO.: F.A.P. DESCRIPTION: Roadway Improvements

LENGTH IN MILES : FEET : LANES: DIV'D: URBAN: X

ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M - H UNITS	TOTAL M-H	COMMENTS
ROADWAY AND SIGNING AND MARKING PLANS							
Key Map		SHT	1	1	10	10	Key sheet
Typical Section		EA	1	1	6	6	1 half typical
Summary of Quantities		SHT	1	1	30	30	Sheet with Quantities
General Notes		SHT	1	1	14	14	
Plan Sheets for M & R	1"=40'	HRS	0	0	0	0	N/A
Design and Plan Sheets New Constructi	1"=40'	SHT	4	4	24	96	roadway design and plan sheet production for roadway & signing & marking features
Profile Sheets for M & R	1"=40'	SHT	0	0	0	0	N/A
Profile Sheets New Construction	1"=40'	SHT	0	0	0	0	N/A
Intersection Details - Plateau	1"=40'	SHT	0	0	0	0	N/A
Intersection Profiles - Plateau		EA	0	0	0	0	N/A
Intersection Profiles - Side Streets		EA	0	0	0	0	N/A
SWPP Plan		SHT	0	0	0	0	N/A
Misc. Construction Details		SHT	1	1	12	12	Gravity wall details
Maint. of Traffic		SHT	0	0	0	0	
Cross-Sections	1"=10'	EA	10	0	2	20	Working cross sections for analysis of back of sidewalk elevations and gravity wall height
Computation book		LS	0		0	0	
Opinion of Probable Cost		EA	0		4	0	Submitted with Study, no updates expected.
Pavement Design		LS	0		0	0	
Geometry Plan		LS	0		0	0	
FDOT Coordination		EA	0		0	0	
Utility Coordination		LS	1		30	30	Utility Contact letter and Coordinate and attend one (1)Meeting @ 60% (2 People @ 4hrs ea.)
Railroad Permit and Coordination		LS	0		0	0	
Special Provisions, Technical Specs		HRS	0		0	0	
Value Engineering/Coord		LS	0		0	0	
Meetings and Reviews		HRS	7		6	42	2 comment reviews 60 and 90 @ 2hrs each x 2 people/ Includes Minutes. + Status meetings
Typical Section Coord Meeting		HRS	0			0	
Geotechnical Coordination		LS	0		0	0	
Surveying Data Processing		HRS	1		8	8	Topographic Survey Data Processing/coordination
Field Reviews		EA	1		6	6	2 People@3hrs each
ROADWAY PLANS TOTALS				9		274	

Prepared By: Gabriela Ramirez, PE Date: December 11, 2024

COUNTY PROJ. NO.: 0 F.A.P. DESCRIPTION:

LENGTH IN MILES : FEET : LANES: DIV'D: URBAN: X

ITEM	SCALE	BASIS OF ESTIMATE	NO. OF UNITS	NO. OF SHEETS	M - H UNITS	TOTAL M-H	COMMENTS
Signalization							
Key Map							
Review as built information		EA	1		8	8	
Summary of Quantities		SHT	1	0	12	12	
General Notes		SHT	1	0	6	6	
Design and Plan Sheets	1"=20'	SHT	1	1	30	30	
Opinion of Probable Cost		HRS	0		0	0	Part of Roadway
Field Review		EA	1		6	6	
Utility coordination		EA	1		10	10	power service
Special details		SHT	1	0	8	8	
SIGNING & MARKING TOTALS				1		80	

Prepared By: Gabriela Ramirez, PE Date: December 11, 2024

Prepared By: Gabriela Ramirez, PE Date: December 11, 2024



APPENDIX “A”

Sidewalk Feasibility Study Exhibit



APPENDIX “B”

Subconsultants’ Fee Proposals



13960 SW 47th St, Miami, FL 33175
t: 305.221.6210 | f: 305.221.1295
www.mgvera.com

December 19, 2024

Survey Scope of Service

Gabriela P. Ramirez, P.E.
Kimley-Horn
2 Alhambra Plaza
Suite 500
Coral Gables, FL 33134

Project: NW 104th Ave. from NW 33rd St. to NW 41st St.
Limits: See Attached Sketch

Below is the scope of services for the Design Survey for the above referenced project. All scope items are based on Design Survey criteria and are derived from the FDOT Project Activity 27: Survey Staff-Hour spread sheet, attached hereto. In addition to the specific scope items, all work shall be accomplished in accordance with the criteria established by the Departments Highway Field Specifications, Survey Handbook (Survey Procedure Topic No. 550-030-101a) (Chapter 20, sec 23 (3)(a), F.S.), CADD Production Criteria Handbook and must comply with the Standards of Practices for Land Surveyors Rule 5J-17 F.A.C., Florida Statue 472.027.

Scope of Services

The proposed Design Survey Scope of work includes the following tasks:

Horizontal Control

Horizontal Project Network Control (HPNC) will be established on the Florida State Plane Coordinate System, East Zone, and North American Datum (NAD) of 1983 / Latest Adjustment, utilizing GPS/RTK FPRN methods.

Vertical Control

Vertical Project Network Control (VPNC), will be established on the NAVD 88 vertical datum utilizing GPS/RTK FPRN methods.

Survey Baseline and Right of Way Lines

The Historic survey baseline and right of ways will be established as per recorded instruments including Right of Way Maps, platted and / or dedicated rights of ways, etc. Survey baselines will be placed in Topo file and the survey database.

Topographic Survey / DTM (3D)

Topographic and DTM Survey will be performed from the west edge of pavement to the west r/w line for NW 104th Avenue for the project limits, including the intersection of NW 33rd Street. See attached sketch for location/limits

All above ground features and improvements, break-lines, high and low points will be located with sufficient density of points in order to create a DTM. All topographic features will be located including: existing lighting, pavement markings, trees, pedestrian ramps, driveways, visible above ground utilities, sodded and paved areas, pedestrian ramps, drainage structures, etc. All Topographic / DTM Surveys will follow and meet all applicable standards & guidelines and delivered in MicroStation or AutoCAD format.

Note: Trees with a 4" DBH or greater will be surveyed with DBH and generic "survey" type (i.e. Palm, Oak, Pine, etc.)

Note: A Topographic Survey Map is **NOT** a part of this scope of services.

Drainage Survey

A Drainage Survey will be performed within the project limits. Survey will identify the type of structure, rim elevation, pipe invert elevation, pipe materials, direction, size and condition.

Note:

- *In cases where the structure is full of water and or sediment, MGVS will visit said structures a maximum of 2 visits; if structures is still un-accessible, said structure will be reported to the Project Manager and considered complete.*

Sectional/Grant Survey & Subdivision Locations

Survey consisting of field locations of section corners, 1/4-section corners, and fractional corners as well as block closures, monument lines, etc., will be performed in order to establish the right of way lines along all intersecting side-streets.

PNC Sheet

A Project Network Control Sheet will be prepared.

Work Zone Safety

Work zone survey safety will be provided as required by applicable standards.

Fee and Staff-hour breakdown

Please refer to Survey Staff-Hour spreadsheet for our staff-hour breakdown and Fee sheet attached here-to. We look forward to providing our services and please contact me if you have any questions or require additional information.

Fees:

Design Survey:

\$20,164.92

Sincerely,
Manuel G. Vera & Associates, Inc.



Mark R. Sowers, PSM

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project:		City of Doral NW 104th Ave												Consultant Name: Manuel G. Vera & Assoc., Inc.		
County:		Miami-Dade												Consultant No.:		
FPN:		0												Date: 12/19/2024		
FAP No.:		N/A												Estimator: Manny Vera Jr.		
Staff Classification	Total Staff Hours From "SH Summary Firm"	Senior Surveyor and Mapper	Surveyor and Mapper	Survey Technician	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$202.62	\$165.92	\$116.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
27. Survey (Field & Office Support)	33	3	16	14	0	0	0	0	0	0	0	0	0	33	\$4,890	\$148.18
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
Total Staff Hours	33	3	16	14	0	0	0	0	0	0	0	0	0	33		
Total Staff Cost		\$607.86	\$2,654.72	\$1,627.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$4,889.94	\$148.18

Notes:
1. This sheet to be used by Subconsultant to calculate its fee.

SALARY RELATED COSTS:				
OVERHEAD:		0%		\$4,889.94
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
SUBTOTAL ESTIMATED FEE:				\$4,889.94
Survey Crew Party of 2	0	2-man crew @	\$ 1,697.22 / day	\$0.00
Survey Crew Party of 3	6	3-man crew @	\$ 2,545.83 / day	\$15,274.98
Survey Crew Party of 4	0	4-man crew @	\$ 3,394.44 / day	\$0.00
SUBTOTAL ESTIMATED FEE:				\$20,164.92
				\$0.00
GRAND TOTAL ESTIMATED FEE:				\$20,164.92

DocuSign Envelope ID: 1AC732E6-AF49-45B4-B051-0BD1C7E6F579

Approx. Survey Limits

Write a description for your map.

Legend

