

**THE CORRADINO GROUP, INC.**

CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

May 4, 2023

Mr. Jeff Odoms  
Public Works Director  
**City of Hallandale Beach**  
630 Northwest 2<sup>nd</sup> Street  
Hallandale Beach, FL 33009

**Re: City of Hallandale Beach – Design Plans and Specifications for a City-wide ADA Compliant Bus Stops (28 Locations)**

Dear Mr. Odoms:

As requested, The Corradino Group, Inc. (CORRADINO) is pleased to submit this proposal to assist the City of Hallandale Beach (CITY) with the provision of Design Plans and Specifications for a City-wide ADA Compliant Bus Stops (28 Locations) as part of one construction procurement solicitation for reduced costs.

This proposal includes the following sections: Background, Scope of Work, Schedule, Deliverables, Compensation, and Understandings. The attachments include a Preliminary Engineer's Opinion of Probable Cost.

We appreciate the opportunity to provide our proposal for these services and look forward to supporting the CITY on this significant project. If you have any questions, please do not hesitate to contact me at 305-807-2955 or via email at [jkoch@corradino.com](mailto:jkoch@corradino.com). Thank you.

Sincerely,  
**THE CORRADINO GROUP, INC.**



Jeremy Koch, PE  
Senior Vice President

cc: Gorky Charpentier, PE / CORRADINO w / encl.

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May 4<sup>th</sup>, 2023

City of Hallandale Beach

**Resolution N. 2020-054, RFP #FY 2018-2019-012 Continuing Professional Architectural and Engineering Services and Other Services**

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**Work Authorization**

**Civil Engineering Services for the Design Plans and Specifications for a City-wide ADA Compliant Bus Stops (28 Locations)**

## **BACKGROUND**

The City of Hallandale Beach's (CITY) "Community Shuttle Routes Compliance, ADA Compliant Bus-Stops Master Plan" (Master Plan), identified 28 bus stop locations where improvements are being considered. These 28 bus stops are spread over four City Community Shuttle routes throughout the CITY. Improvements range from building an ADA-compliant hard-surface waiting area for patrons to including amenities such as a bench and/or shelter along with the hard-surface waiting area at selected bus stops.

The Master Plan describes six tasks necessary to complete the design, including bid plans and documents, of each of these 28 bus stop locations. In addition, the Master Plan references "Broward County Transit Design Standards and Guidelines Manual" (BCT Guidelines) as a source for design criteria, as well as references Section 810 of the Americans with Disabilities Act (ADA). Also, the BCT Guidelines reference the Broward County and the State of Florida standards regarding the Americans with Disabilities Act (ADA).

This proposal is for the design of each of the 28 bus stop locations according to the site-specific concepts laid out in the Master Plan and the above-referenced guidelines and laws. The format of this proposal is based on the six tasks described in the Master Plan. In addition, the proposal

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indicates where the various chapters of the BCT Guidelines will be incorporated into the design process. The BCT Guidelines are listed under the appropriate Task.

## **DESCRIPTION OF SERVICES**

CORRADINO and its subcontractors shall perform the civil engineering design, regulatory permitting support, and engineering services during construction (limited construction services) for the City-wide ADA-Compliant Bus Stops (28 Locations).

The scope of work has been subdivided into the following Tasks:

1. Project Management
2. Data Gathering, Site Reconnaissance, and Utility Coordination
3. Topographic Survey and Geotechnical Information
4. Engineering Design and Regulatory Permitting
5. Limited Construction Support Services

## **TASK 1 – PROJECT MANAGEMENT**

CORRADINO will provide project management of its team resources that includes the performance of activities, including kick-off meetings, collection and review of available project data, monthly progress schedules, and monthly project reports as part of the services rendered to provide effective overall quality control of all deliverables.

### ***Task 1.1 – Kick-off Meeting***

The kick-off meeting aims to confirm the CITY's goals and objectives, identify roles, responsibilities, and communication protocols for project team members, identify critical success factors, and discuss the overall project scope, deliverables, schedule, and critical milestones.

#### **Deliverables:**

- Kick-Off Meeting Agenda (via electronic delivery in .pdf format)
- Kick-Off Meeting Summary (via electronic delivery in .pdf format)

### ***Task 1.2 – Monthly Progress Schedules and Reports***

CORRADINO will prepare simplified monthly project schedules for the duration of the project and prepare and submit monthly progress reports for the duration of the design and permitting phases detailing the services performed. Monthly progress reports will be submitted along with the monthly invoice.

#### **Deliverables:**

- Monthly progress schedule updates in MS Project Online (via electronic delivery in .pdf format / twelve (12) maximum)
- Monthly progress reports (via electronic delivery in .pdf format / twelve (12) maximum)
- Monthly progress invoices (via electronic delivery in .pdf format)

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## **TASK 2.0 – DATA GATHERING, SITE RECONNAISSANCE AND UTILITY COORDINATION**

### ***Task 2.1 – Technical Memorandum (TM), to be included with the 30% submittal.***

CORRADINO shall develop a Technical Memorandum to establish the understanding for the development of the detailed engineering design. Each of the 28 bus stop locations will be plotted, to scale, utilizing the most recent available Broward County aerial photographs as a background, as follows:

- Schematic Preliminary Site Plan - these plots will be in AutoCAD and constitute a preliminary site plan for each location. The plots will have an aerial as a background (FDOT available aerials) instead of the topographic survey except for the following locations:
  - R1-01, SE 5 S/US-1 (Library).
  - R2-12, Three Island Blvd./Parkview Dr. NB.
  - R2-13, Parkview Dr./Leslie Dr.
  - R2-16, Three Island Blvd./ Parkview Drive SB.
  - R3-25, NW 8 Ave/ NW 2 St.
  - R3-33, SW 3 Street / SW 2 Ave (Old Fire Station)
  - R4-28, SW 8 A/SW 4 St.

The above locations are bus stations located in an area that may require an easement or may need a permit from Broward County Transit (BCT). Each site plan drawing will be on an 11-inch by 17-inch page with a proposed scale of 1-inch = 20 feet (final format following the CITY's input and consideration).

As part of these site and vicinity schematic plans, a summary of potential or anticipated site-specific concerns or challenges shall be described for the CITY's input and understanding. Street right-of-way linework from Broward County GIS mapping information (to be provided by the CITY) will be shown on the preliminary site plans. Understanding that GIS information is useful for conceptual analysis as it may not be definitive, this background information is anticipated to facilitate useful information during these early project planning stages.

As part of the data gathering for use during the design development stages of this project, the TM shall include a compilation of existing guidelines and requirements from ADA regulations, as well as incorporate existing/available utility information obtained for purposes of identifying potential utility conflicts or constraints.

The TM will contain preliminary site plans of each of the 28 bus stop locations listed in the Master Plan along with a list of identified construction challenges or constraints of the proposed improvements to serve as the basis of design for the subsequent tasks.

### **Deliverables:**

- Technical Memorandum (via electronic delivery in .pdf format)

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## **TASK 3.0 – TOPOGRAPHIC SURVEY AND GEOTECHNICAL ENGINEERING**

### ***Task 3.1 – Topographic Surveying***

CORRADINO will provide a topographic survey of the project as performed by a surveying sub-consultant following the CITY survey standards for the development of construction plans for the preliminary and final design documents for the following intersections:

- R1-01, SE 5 S/US-1 (Library).
- R2-12, Three Island Blvd./Parkview Dr. NB.
- R2-13, Parkview Dr./Leslie Dr.
- R2-16, Three Island Blvd./ Parkview Drive SB.
- R3-25, NW 8 Ave/ NW 2 St.
- R3-33, SW 3 Street / SW 2 Ave (Old Fire Station).
- R4-28, SW 8 A/SW 4 St.

Relevant topographic features, right-of-way lines, property lines, pavement, sidewalk curbs, and existing structures will be included in the survey. Said survey shall confirm benchmarks and spot elevations on selected structures and understand that the acquisition of right of way or easements is not included.

### **Deliverables:**

- Topographic Survey (via electronic delivery in .pdf and .dwg format and one (1) hard copy signed and sealed by a Florida licensed surveyor)

### ***Task 3.2 - Geotechnical Engineering (N/A)***

Geotechnical Engineering services are not anticipated for the performance of the detailed design development. If the project conditions are deemed necessary upon further investigations and/or the CITY provides commentary that would necessitate the addition of a sub-consultant to perform investigations and analysis to support these engineering design services, they will be subsequently added as a supplemental service.

### **Deliverables (N/A):**

- A deliverable does not apply to this item

## **TASK 4.0 – ENGINEERING DESIGN AND REGULATORY PERMITTING**

CORRADINO shall prepare and submit design plans to the CITY for the following phases:

### ***Task 4.1 - 30% Design Submittal***

The following describes the activities to be performed for the development of the 30% design submittal:

- A review of available utility as-built information will be performed for the identification of potential utility constraints or conflicts identified in Task 2 (i.e., utility record drawings or atlases) to determine a proposed solution to the conflict.

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- Utilization of the approved TM, as necessary, for purposes of initial discussions with applicable regulatory agencies, as needed, to identify anticipated governing requirements, considerations, and limitations.
- Close coordination with the CITY during this initial stage shall be necessary to identify potential design issues or constraints before the development of the subsequent project stages. As part of this collaboration, a design review meeting of the 30% plans shall be performed with the following preliminary Agenda items for the CITY's input and consideration:
  - Bus Stop Locations (proposed minor changes from Master Plan)
  - Accessibility Route (confirm if any locations are on an ADA island)
  - In-Line Curbside Bus Stop (verification of which locations will use this type)
  - Bus Bulb (verification if any locations use this type)
  - Bus Bays (verification if any locations use this feature)
  - Right of Way (identification of potential additional right of way or easement needs)
- Development of general notes regarding minimum construction requirements to provide technical specifications that may be in the form of plan notes (such as minimum compressive strength of concrete, etc.) as part of the 30% plan sheets.
- Coordination with the CITY and Community Enhancement and Sustainable Development Department (CESD) is expected throughout the design process but particularly during this stage to identify potential issues or constraints with the CITY's input and consideration.

The following outlines the applicable BCT Guidelines:

- Chapter 3.2 – Placement Considerations: A combination of field reviews and aerial photography, along with the feedback from CITY coming from Task1 will allow for a more detailed design for each site.
- Chapter 3.4 - Landing Pads and Accessory Pads: the identification of site-specific constraints will determine the accommodation of both landing and accessory pads to meet BCT guidelines and ADA requirements.
- Chapter 4.3 - Public Right-of-Way: A topographic survey will be necessary for those locations where the ROW cannot be identified through plats and aerial photographs. This will also be necessary for those locations that require easements or ROW acquisition.

Implementing the considerations indicated above, CORRADINO will prepare 30% Design Documents for review and approval by the CITY. The 30% design submittal shall consist of 11" x 17" engineering plans and other documents illustrating the scale (1:20) and relationship of project components including:

- Location Plan and Vicinity Map
- Preliminary bus stop configuration (Horizontal Alignment)
- Location of existing utilities
- Identification of any permanent and temporary easements needed
- Opinion of Probable Cost (OPC) (CITY Standard / 30% contingency)
- Technical Specifications.

## **Deliverables:**

- 30% Design Submittal (via electronic delivery in .pdf)
- Preliminary EOPC (via electronic delivery in .pdf format)
- 30% Design Review Meeting Minutes (via electronic delivery in .pdf format)
- Technical Memorandum

## ***Task 4.2 - 60% Design Submittal – Not Included***

## ***Task 4.3 - 90% Design Submittal***

The following describes the activities to be performed for the development of the 90% design submittal:

- Applicable comments from the 30% Submittal design reviews shall be incorporated into the plans
- With the approved 30% concept plans as a base, the 90% plans will show in more detail the proposed construction to essentially the finished documents. This set of plans will be considered to be the “Permit Set” and will be used for submittals to obtain regulatory agency approvals.
- Continued coordination with the CITY shall be provided for final approval before permit package submittals to applicable governing agencies. It is our understanding that the bus Stations located within the City of Hallandale municipal boundaries will not need a permit from Broward County.
- A design review meeting with the CITY shall be performed to obtain input and approval with the following potential Agenda items for discussion:
  - Final Review of Plans and Details
  - Coordination for pending permit submittals
- Development of expanded general notes regarding minimum construction requirements to be in final form for regulatory agency permit review.

The 90% Design Submittal will incorporate the applicable review comments obtained from the 30% Design Review Workshop and include:

- Incorporation of applicable comments from 30% submittal review
- Update and finalization of horizontal dimensions.
- Updated Technical Specifications
- 90% Design drawings including cover sheet, table of contents, project locations, plan and profile drawings, and details.
- Pavement restoration limits
- Updated OPC (the CITY Standard / 10% contingency)

CORRADINO will also provide detailed Maintenance of Traffic (MOT) Plans containing the CITY standards that apply to the project.

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Technical specifications will be completed using the CITY standard specifications. The CITY will provide CORRADINO with this template at the onset of the project. A 90% Design Review Meeting will be conducted once the 90% design has been submitted. At this meeting, the integration of previous applicable comments/input from the 30% Design Review Workshop will be discussed.

## **Deliverables:**

- 90% Design Submittal (via electronic delivery in .pdf format)
- Draft Technical Specifications (via electronic delivery in .pdf format)
- Updated OPC (via electronic delivery in .pdf format)
- 11” x 17” plans

## ***Task 4.4 - Permit Package***

CORRADINO will provide regulatory coordination support that includes pre-application meetings with the permitting agencies having jurisdiction over this project to go over details about their requirement, as well as to expedite the permit submittal process to know the status of current and future planned projects. CORRADINO will submit one (1) request for information per agency regarding current and planned projects within the project boundaries. CORRADINO will prepare the Permit Packages to be submitted to the permitting/ regulatory agencies. The permit package will be submitted by CORRADINO. The engineering design plans will adhere to the various applicable minimum standards to allow efficiency for the future construction Contractor to obtain his/her permits.

CORRADINO will provide signed and sealed drawings for permit applications and prepare the response to review comments. Appropriate agency review comments will be incorporated into the 100% documents.

It is anticipated that the project’s Contractor will be required/responsible for subsequently obtaining the City of Hallandale Beach permits for Erosion and Sediment Control for Sites Less Than 1.0 Acre for the necessary excavation to install the various concrete landing areas and Utilities Rights of Way Use Permit for the overall construction, which is not included in this proposal. Broward County standards as described in “Exhibit 25A, Broward County Administrative Code Minimum Standards”

## **Deliverables:**

- Regulatory Agency Requests for Information (via electronic delivery in .pdf format)
- Final permitted drawings (Four (4)) hard copy sets of full-size drawings
- Drawing Set Revisions (up to three (3) revisions)
- Regulatory Agency review comment responses (via electronic delivery in .pdf format)
- Permit applications (.pdf)

## ***Task 4.5 - 100% Design Submittal***

CORRADINO will develop the bid-ready drawings and specifications based on comments from the regulatory review. These completed documents will be submitted to the CITY for preparation of the bid contract package.

CORRADINO will also provide an updated OPC (the CITY Standard / 10% contingency), according to THE CITY standard.

### **Deliverables:**

- 100% Design Drawings (via electronic delivery in .pdf format and three (3) hard copies in 11-inch x 17-inch, if applicable)
- Final Technical Specifications, (via electronic delivery in .pdf format; one (1) hard copy, if applicable; and CD with CAD and Word Documents, as needed)
- Final OPC (via electronic delivery in .pdf format)

## **TASK 5.0 - LIMITED CONSTRUCTION SUPPORT SERVICES**

CORRADINO will provide the following Limited Construction Support Services during construction for an estimated duration of up to six (6) months:

### ***Task 5.1 - Attendance at Pre-Bid Meeting and Pre-Construction Meeting***

CORRADINO will attend one (1) pre-bid document review meeting and one (1) pre-construction meeting. The CITY will provide notification to CORRADINO of the scheduled meeting locations, times, and dates before the meeting. The CITY is responsible for qualifying Contractors and validating and evaluating all construction bids for acceptance and award.

### **Deliverables:**

- Review commentary of the City's Pre-Bid Meeting and Pre-Construction Meeting notification documents, as applicable (via electronic delivery in .pdf format)

### ***Task 5.2 - Responses to Requests for Information (RFIs) and Contract Document Clarification (CDCs)***

CORRADINO will review and prepare responses to RFIs and CDCs at the CITY's request. The CITY will maintain a log of all RFIs and CDCs, processing, and distribution to the Contractor. It is understood that the CITY's construction manager will respond to and/or reject RFI's that are addressed in the contract documents.

### **Deliverables:**

- RFIs and CDCs responses as requested by the CITY (via electronic delivery in .pdf format)

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## **Task 5.4 - Review of Shop Drawing Submittals and As-builts**

At the CITY's request, CORRADINO will review the following submittals:

- Shop Drawings and Samples as directed by the CITY. The CITY will perform status log maintenance and distribution.
- As-builts provided as surveyed shop drawings by Contractor for City and Engineer approval.

## **Deliverables:**

- Submittal review comments (via electronic delivery in .pdf format)

## **SCHEDULE**

CORRADINO anticipates that the project shall have a duration of 12 months and shall provide a detailed project design schedule for this project with a start date to coincide with the written Notice to Proceed (NTP) that considers the timing and information to be provided by the CITY. The CITY's review periods for each progress submittal shall not exceed 15 calendar days and shall be included in the project design schedule to be provided during the performance of the detailed design development phases.

## **COMPENSATION**

The services described herein shall be performed on a Lump Sum fee and not-to-exceed basis in the amount of \$141,100. Progress payment requests shall be submitted based on the percent completed monthly. Reimbursable expenses for this contract include mileage, tolls, parking, and limited reproduction. The total compensation shall account for fees for limited construction support services.

## **UNDERSTANDINGS AND ASSUMPTIONS**

This scope of work and deliverables are based on the following assumptions:

- At all intersections, aerial photogrammetry will be used instead of Topographical Survey, except at the following locations, where a topographic survey will be obtained:
  - R1-01, SE 5 S/US-1 (Library).
  - R2-12, Three Island Blvd./Parkview Dr. NB.
  - R2-13, Parkview Dr./Leslie Dr.
  - R2-16, Three Island Blvd./ Parkview Drive SB.
  - R3-25, NW 8 Ave/ NW 2 St.
  - R3-33, SW 3 Street / SW 2 Ave (Old Fire Station).
  - R4-28, SW 8 A/SW 4 St.
- This proposal is based on the concurrent development of the twenty-eight (28) bus stop improvement projects as part of one construction procurement solicitation to be awarded to one Contractor for execution.
- CORRADINO shall utilize the CITY's latest standard forms, construction contracts, standard design details, design criteria, and policies in completing the Design Plans, Specifications, and Permits.

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- CORRADINO shall be provided with all available as-built record drawings of existing utilities from the CITY and request the provision of other identified utilities as-built record drawings.
- CORRADINO will be entitled to reasonably rely upon the information and data provided by the CITY or obtained from generally acceptable sources within the industry without independent verification.
- The Contractor will be required to provide a certified survey of all completed work to confirm that the bus stops were constructed per plans and specifications.
- The CITY will provide Corradino with all the proposed shelter and bench information to be included in the plans.
- No landscape architecture services are included in this proposal.
- No electrical engineering services are included in this proposal.
- No construction inspection services are included in this proposal.
- Unless otherwise noted, it is assumed CORRADINO will receive consolidated review comments from the CITY on all deliverables within two (2) weeks following delivery.
- Existing utility as-built information, as available, shall be utilized in the design plans. The Contractor is responsible for verifying all existing conditions.
- Technical specifications will be prepared in MS Word and follow CITY's format and requirements.
- The engineer's Opinion of Probable Cost estimates (EOPC) will be prepared following the CITY's provided template.
- CITY will reproduce and distribute the contract documents and addenda, maintain the plan holders list, tabulate bids, and make a recommendation of award.
- CORRADINO is only responsible for the safety of its employees, not for the safety of any third-party contractors or their employees.
- The presence or duties of CORRADINO's personnel at a construction site, does not make CORRADINO's personnel responsible for those duties that belong to the CITY and/or the construction contractors or other entities and do not relieve the construction contractors or any other entity of their obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work following the construction Contract Documents and any health or safety precautions required by such construction work.
- CORRADINO's personnel have no authority to exercise any control over any construction contractor or other entity or their employees in connection with their work or any health or safety precautions and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or others.
- Environmental Site Assessments (ESA) (Phase 1/Phase 2) are assumed not to be required. If it is determined that they are required, they will be performed by others or provided as an additional service.
- The CITY shall provide CORRADINO with electronic copies of daily construction inspection reports.
- Pre-Construction and Monthly Construction Meeting Minutes shall be developed by CITY with review input from CORRADINO.
- Value Engineering efforts are not included in this scope of services and are by others, if

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applicable.

- This proposal does not include legal, environmental mitigation/testing, landscape architecture, public outreach/information, geotechnical engineering, construction-related permitting analysis, and land use/zoning/platting services.

## **EXCLUSIONS**

- Permit fees beyond the approved amount of \$5,000
- Modifications to the bid package resulted from having to re-bid the project.
- Daily inspection services
- CORRADINO is not responsible for obtaining any temporary or permanent easement or right of way.
- CORRADINO is not responsible for environmental mitigation services.
- Construction Warranty services.
- CORRADINO is not responsible for any delays associated with obtaining permits from any regulatory agencies, except in cases where the permit application was prepared by CORRADINO and was rejected by the regulatory agency as deficient.
- Subsurface utility soft digging.
- Review of contractor progress schedule or payment requests.
- Contractor construction management and direction, as well as their means and methods.
- Reproduction and distribution of documents.
- Additional improvements requested by private property owners beyond those proposed.
- US Post Office permitting approvals

**Attachment A**  
**Proposed Fee**

**ATTACHMENT A - Proposal for Engineering Services Labor Expenses**

Title	Billing Rate	Task 1.1 – Kick-off Meeting		Task 1.2 – Monthly Progress Schedules and Reports		TASK 2.0 – Data Gathering/TM		Task 3.1 - Survey		Task 3.2 - Geotechnical		Task 4.1 - 30% Design		Task 4.2 - 60% Design		Task 4.3 -90% Design		Task 4.4 -Permit Package		Task 4.5 - 100% Design		Task 5.1 - Pre-Bid and Pre-Const Meeting		Task 5.2 - RFI Response		Task 5.3 - Shop Drawing Review		Task 5.4 - Project Certification		Task 5.5 - EOR Certification Inspections and		Total Lab	Raw Costs (7 X 2)	Multiplied Costs (1 x 8)
		Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs	\$	Hrs
Director, Engineer (Jeremy Koch)	255.00	4	\$ 1,020.00	4	\$ 1,020.00	1	\$ 255.00	1	\$ 255.00		\$ -	1	\$ 255.00	1	\$ 255.00	1	\$ 255.00	1	\$ 255.00	1	\$ 255.00	4	\$ 1,020.00	1	\$ 255.00	1	\$ 726.75	1	\$ 726.75	0	\$ -	22	\$5,610.00	\$5,610.00
Assoc Eng (Gorky Charpentier)	205.00	4	\$ 820.00	24	\$ 4,920.00	16	\$ 3,280.00	2	\$ 410.00		\$ -	12	\$ 2,460.00	28	\$ 5,740.00	10	\$ 2,050.00	12	\$ 2,460.00	24	\$ 4,920.00	8	\$ 1,640.00	24	\$ 4,920.00	4	\$ 820.00	4	\$ 820.00	8	\$ 1,640.00	180	\$36,900.00	\$36,900.00
Associate Engineer	205.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Associate Engineer	205.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Project Manager	190.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Project Engineer	175.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Project Engineer (Francisco Leon)	175.00	4	\$ 700.00	12	\$ 2,100.00	40	\$ 7,000.00	4	\$ 700.00		\$ -	24	\$ 4,200.00	28	\$ 4,900.00	28	\$ 4,900.00	24	\$ 4,200.00	24	\$ 4,200.00	8	\$ 1,400.00	40	\$ 7,000.00	4	\$ 700.00	24	\$ 4,200.00	24	\$ 4,200.00	288	\$50,400.00	\$50,400.00
Engineer	120.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Engineer	120.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Jr. Engineer	85.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Jr. Engineer	85.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Sr CADD Tech (Geraldo Dragon)	110.00		\$ -		\$ -	40	\$ 4,400.00		\$ -		\$ -	36	\$ 3,960.00	56	\$ 6,160.00	56	\$ 6,160.00	43	\$ 4,730.00	24	\$ 2,640.00		\$ -		\$ -		\$ -		\$ -		\$ -	255	\$28,050.00	\$28,050.00
CADD Technician	65.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
Permit Administrator	120.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	0	\$0.00	\$0.00
<b>Sub-totals</b>		<b>12</b>	<b>\$ 2,540.00</b>	<b>40</b>	<b>\$ 8,040.00</b>	<b>97</b>	<b>\$ 14,935.00</b>	<b>7</b>	<b>\$ 1,365.00</b>	<b>0</b>	<b>\$ -</b>	<b>73</b>	<b>\$ 10,875.00</b>	<b>113</b>	<b>\$ 17,055.00</b>	<b>95</b>	<b>\$ 13,365.00</b>	<b>80</b>	<b>\$ 11,645.00</b>	<b>73</b>	<b>\$ 12,015.00</b>	<b>20</b>	<b>\$ 4,060.00</b>	<b>65</b>	<b>\$ 12,175.00</b>	<b>9</b>	<b>\$ 2,246.75</b>	<b>29</b>	<b>\$ 5,746.75</b>	<b>32</b>	<b>\$ 5,840.00</b>	<b>745</b>	<b>\$120,960.00</b>	<b>\$120,960.00</b>

Summary of Direct Expenses				Total
Units	No. of	\$/Unit		
Air Travel		Coach class - from to		
Lodging (by days)		See Attached "Maximum Daily Lodging Rates"		
Car Rental (by days)		\$35.00/day		
Gas (for rental cars only)		\$3.75/gallon		
Mileage		(for use of personal vehicle) x 5 trips x 58 miles (round trip) = 290 miles x \$0.48529/mile = \$140.75		140.75
				\$ 140.75
<b>Total Labor and Direct Expenses =</b>				<b>Labor and Direct Expenses \$ 121,100.75</b>

Summary of Reimbursable Expenses				Total
Units	No. of	\$/Unit		
Applicable Permit Fees (HRS, Fire, PWWMD, RER, etc)				\$5,000.00
<b>Reimbursable Expense</b>				<b>\$ 5,000.00</b>

Subcontractors				Total
Units	No. of	\$/Unit		
MG Vera & Associates		Standard Topographic Design Survey		\$ 15,000.00
<b>Subcontractor Total</b>				<b>\$ 15,000.00</b>

**Proposal Summary** **Total of Labor, Direct Expenses, Reimbursable Expenses, Subcontractor \$ 141,100.75**