



City of North Port

PURCHASING

Office: 941.429.7170

Fax: 941.429.7173

Email: purchasing@cityofnorthport.com



WORK ASSIGNMENT

Kimley-Horn & Associates, Inc.

CONSULTANT

CONTINUING CONTRACT NO. & TITLE

2020-58-10 - Professional Engineering Services - Continuing Services Contracts for City of North Port Utilities

THIS WORK ASSIGNMENT

WORK ASSIGNMENT #	<u>2023-07</u>
SHORT TITLE	<u>Hillsborough Water Main Replacement and Relocation</u>
DATE SUBMITTED	<u>11/10/2022</u>
AMOUNT (LUMP SUM)	<u>\$164,950.00</u>
SCHEDULED COMPLETION	<u>TBD - see attached schedule</u>

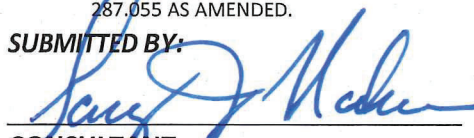
CONTRACT AND BUDGET OVERVIEW FOR FISCAL YEAR 2023

	DEPARTMENT	CITYWIDE (completed by Purchasing) <span style="float:right">GD 11/21/22</span>
TOTAL OF PREVIOUS ASSIGNMENTS	<u>\$0.00</u>	<u>\$0.00</u>
THIS WORK ASSIGNMENT	<u>\$164,950.00</u>	<u>\$164,950.00</u>
TOTAL WORK ASSIGNMENTS	<u>\$164,950.00</u>	<u>\$164,950.00</u>
ACCOUNT NO/PROJECT NO	<u>420-6061-533-6300/ U23WHR</u>	<u>VARIOUS</u>

All work assignments require City Manager approval. In presenting this work assignment, it is understood that:

1. All associated supporting documentation and justification for this work assignment is attached hereto.
2. Unless specified herein, work does not involve watercraft, boat piers and/or other activities requiring additional workers compensation endorsements.
3. Contact or involvement with hazardous materials is not anticipated, should hazardous materials be encountered, the City shall be informed.
4. THIS WORK ASSIGNMENT SHALL NOT EXCEED \$500,000 & ANY RESULTING CONSTRUCTION SHALL NOT EXCEED \$4,000,000 PER FLORIDA STATUTE 287.055 AS AMENDED.

SUBMITTED BY:

 11/14/2022  
 CONSULTANT DATE

APPROVED BY:

Nancy Gallinaro Digitally signed by Nancy Gallinaro  
Date: 2022.11.18 11:42:29 -05'00'

DEPARTMENT DIRECTOR DATE

Ginny Duyn Digitally signed by Ginny Duyn  
Date: 2022.11.23 09:31:44 -05'00'

PURCHASING DATE

 Date: 2022.11.29  
10:31:53 -05'00'

ASSISTANT CITY MANAGER DATE

Lisa Herrmann Digitally signed by Lisa Herrmann  
Date: 2022.11.22 17:11:57 -05'00'

BUDGET ADMINISTRATOR DATE

Kimberly Williams Digitally signed by Kimberly Williams  
Date: 2022.11.28 09:38:41 -05'00'

FINANCE DIRECTOR DATE

CITY MANAGER DATE

Print Form

Clear All Fields



**Utilities Department**  
Administration Division  
Office: 941.240.8000  
Fax: 941.240.8022



TO: Purchasing Department

THRU: Nancy Gallinaro, Utilities Director

FROM: Michael Acosta, Utilities Engineering Manager

SUBJECT: Hillsborough Water Main Replacement and Relocation

DATE: November 10, 2022

---

The City of North Port Public Works Department (PW) is currently underway with the design, bidding, and construction of a new roundabout at the intersection of South Cranberry Boulevard and Hillsborough Boulevard. North Port Utilities (NPU) currently has an existing 12-inch asbestos cement (AC) water main along Hillsborough Blvd and a 10-inch AC along South Cranberry Blvd and will need to relocate/replace these water mains within the project limits of the roundabout. Kimley Horn is the design engineer for the PW project and has done the survey and geotechnical investigation work in the area as part of the 30% submittal to PW. NPU will need to engage an engineering consultant to prepare the plans, specifications, permit applications, assist with bidding, provide general project oversight and certify the project to the FDEP upon completion as part of the relocation work.

To date, Kimley Horn has provided all the engineering services for this project to PW. NPU proposes to leverage that work and continue to use Kimley Horn for this project and forego the request for letter of interest process. NPU will benefit from using Kimley Horn because of the institutional knowledge and data collected to date on the project that Kimley Horn brings to the project. With that knowledge and data, they will be able to complete the design faster and more efficiently than any another consultant coming into the project for the first time. Any other engineering firm would need to confirm all the work that has been done to date or start from the beginning. This would add time and cost to the project. The scope and fee that Kimley Horn has provided is competitive with services of this type. Kimley Horn is also in our continuing services library and those rates are being used on this project. It is our recommendation that we forego the request for letter of interest process and award this project to Kimley Horn.

**ATTACHMENT A**  
**SCOPE OF SERVICES**  
**THE CITY OF NORTH PORT**  
**SOUTH CRANBERRY AND HILLSBOROUGH BLVD UTILITY RELOCATIONS**

**PROJECT DESCRIPTION**

City of North Port Public Works Department is currently underway with the design, bidding, and construction of a new roundabout at the intersection of South Cranberry Boulevard and Hillsborough Boulevard. The City of North Port Utilities (NPU) currently has an existing 12-inch Asbestos Cement (AC) water main along Hillsborough Avenue and a 10-inch AC along South Cranberry Avenue and wishes to replace these water mains within the project limits of the roundabout. A general description of the utility relocation design is as follows:

- Relocating the existing 12-inch AC water main along Hillsborough Boulevard from the intersection of South Cranberry Boulevard and Hillsborough Boulevard southeast for approximately 630 LF.
- Relocating the existing 10-inch AC water main along South Cranberry Boulevard for approximately 350 LF.

It is anticipated that NPU will proceed with these services prior to the construction of the roundabout. The Consultant will utilize existing survey data, subsurface utility explorations (SUE) data and geotechnical soil boring data from the roundabout project and as provided by the City of North Port Public Works Department. Additional survey, SUE and geotechnical boring services will be provided as described in the scope of services below, if required. These services will not be provided unless written authorization is obtained from NPU. The following scope of services describes the professional engineering services that will be provided by the Consultant and its subconsultants to prepare final construction documents for NPU to utilize during the bidding and construction process.

**SCOPE OF SERVICES**

**1.0 PROJECT COORDINATION AND DATA COLLECTION**

A. The Consultant will review available existing information related to the project consisting of:

- Record drawings of available existing facilities, as provided by the City of North Port;
- City of North Port design and construction standards;
- Existing property and topographic surveys, plats, zoning maps, etc;
- Location and extent of utility easements along proposed mainline corridor.
- RGB's Submitted by the City of North Port Utilities to the City of North Port Public Works Department.
- City of North Port Public Works', geotechnical borings, SUE and survey data, and any other records or data available.

The City of North Port will make available existing reports, studies, technical analyses, drawings, operational information, and other documents regarding the project area, such as existing property and topographic surveys, plats, zoning maps and the location and extent of utility easements along the proposed pipeline corridor.

B. The Consultant will perform a field site visit to assist with the confirmation of the utility locations as well as identify visible above ground obstacles for construction of the proposed pipeline.

- C. The Consultant will request a design ticket through Sunshine 811 to identify utility agencies/owners in the project area and contact each to request information available on their utilities located along the route.
- D. The Consultant will prepare a plan view exhibit to confirm horizontal alignment of the new water main. The exhibit will illustrate existing utilities, survey, SUE locations and results, and bore locations and results, as provided by City of North Port Public Works Department.
- E. Consultant shall submit the plan view exhibit electronically in PDF format to the NPU project manager. Comments from NPU will be incorporated into the design drawings as discussed in the tasks below. It is anticipated that comments will be obtained from NPU within two (2) weeks of the submittal date.

## **2.0 SUBSURFACE UTILITY EXPLORATIONS (SUE)**

Once 30% plans and existing data has been collected and reviewed. The Consultant will contract with a SUE subconsultant to provide additional SUE services, if necessary and if requested by NPU. These services will consist of the following tasks:

- A. Request permits as appropriate from the City of North Port to allow work in existing public streets or rights-of-way for the purpose of marking, measuring, and recording the location of underground utilities.
- B. Provide traffic control within the work areas while designating and locating the subsurface utilities. Traffic control is to be maintained in accordance with applicable published standards.
- C. Utilizing conventional electronic designating equipment and including Ground Penetrating Radar (GPR), designate and mark the horizontal location of found utilities within four (4) 50-foot by 50-foot patches within the project limits.
- D. Provide up to ten (10) single test holes (VVH – verified vertical and horizontal) on identified utility conflicts (perpendicular and parallel to) the alignment of the proposed water main. Test holes will be placed in natural earth where practical.
- E. SUE test hole locations will be marked in the field and provided in a CAD file along with the SUE field notes containing VVH test hole information.
- F. All work will be performed in accordance with the standards of practice outlined in Chapter 5J-17 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.
- G. Utilization of the above equipment and methods is the industry recognized procedure for finding and locating underground utilities and features. Although effective and reliable, there is the possibility that all utilities may not be detected due to environmental conditions, soil conditions, water table, excessive depth, and/or feature makeup.

## **3.0 60% DESIGN PLANS**

- A. The Consultant will prepare 60% Design Drawings for the previously identified relocations. The 60% design submittal will consist of the following:
  - 1. Cover Sheet, Index Map, Table of Contents and Legend.
  - 2. Survey, Subsurface Utility Engineering and Geotechnical data and information.
  - 3. Horizontal and vertical alignment (Plan and Profile View) of the relocations identified in the 30% design submittal.

#### 4. Draft Technical Specifications

- B. The Consultant shall prepare an Opinion of Probable Construction (OPC) cost associated with the 60% design plans. Because Consultant does not control the cost of labor, materials, equipment, or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, will be made based on, experience and represent its judgment as an experienced and qualified professional, familiar with the industry. Consultant cannot and does not guarantee that proposals, bids, or actual costs will not vary from its opinions of cost.
- C. Consultant shall submit an electronic version in PDF format of the submittal to the City of North Port project manager. Comments from NPU for the 60% drawings will be incorporated into the subsequent design drawings as discussed in the tasks below. It is anticipated that comments will be obtained from NPU within two (2) weeks of the submittal date.

#### 4.0 PERMITTING SERVICES

Consultant will prepare the permit application described below along with the required supporting documents and submit to NPU for review and signatures prior to submittal to the appropriate regulatory agency. Consultant will respond to one (1) request for additional information to each agency. NPU will pay for all required permit fees.

- A. Florida Department of Environmental Protection – Specific Permit to Construct PWS Component. (Processed through Department of Health (DOH)).

Permitting through City's Site Development Review has not been included in this scope of services.

#### 5.0 FINAL DESIGN DRAWINGS AND CONTRACT DOCUMENTS (90% AND 100% PHASE)

The purpose of the final design drawings is to provide responses to NPU's 60% Design Drawing comments. Comments obtained from the 90% Design Drawings will be incorporated into final contract documents that can be utilized for bidding purposes.

- A. The 90% design submittal will consist of 60% design components and the following;
  - 1. Incorporation of NPU's 60% review comments.
  - 2. All proposed construction detail sheets.
  - 3. Completed general notes for the plans.
  - 4. Technical Specifications (in PDF format).
- B. The Consultant shall update the previously prepared opinion of probable construction cost (OPC) with design and quantity changes based on NPU's 60% comments.
- C. Consultant shall provide number of days for substantial and final completion for construction for contractual preparation of the bidding documents.
- D. Consultant shall submit an electronic version in PDF format of the submittal to NPU. Comments from NPU for the 90% drawings will be incorporated into the subsequent design drawings as discussed in the tasks below. It is anticipated that comments will be obtained from the City of North Port within two (2) weeks of the submittal date.
- E. The Consultant will update the 90% components based on NPU comments. The Final Contract documents (100%) design submittal will consist of the following:



1. One (1) complete original signed and sealed set of the construction bid documents comprising of technical specifications and drawings with NPU's 90% review comments incorporated.
2. Final construction bid documents in electronic format.
3. Final OPC cost.
4. A blank bid form in MS Excel.
5. A CD containing the AutoCAD drawings.

## **6.0 BID PHASE SERVICES**

The Consultant will coordinate with NPU to provide the following tasks for the Bid Phase Services:

- A. The Consultant will respond to requests for information (RFI) from bidders regarding interpretation and clarification of bid documents and will assist with preparation of up to five (5) addenda as appropriate.
- B. The Consultant will attend a pre-bid meeting for prospective bidders for the project.
- C. Consultant shall prepare a bid tabulation, evaluate contractor's qualifications based on references provided in the bid, and develop a recommendation of award letter for lowest responsible bidder.
- D. Upon completion of the Bid Phase, the Consultant shall develop and provide conformed sets of Construction Documents and Technical Specifications that will include any changes that were made during the bid phase to NPU.

## **7.0 ENGINEER OF RECORD (EOR) SERVICES DURING CONSTRUCTION**

- A. *Pre-Construction Conference.* Consultant will attend a Pre-Construction Conference prior to commencement of construction activity.
- B. *Visits to Site and Observation of Construction.* Consultant will make monthly site visits based on a four (4) month construction duration in order to observe the progress of the work. Such observations will not be exhaustive or extend to every aspect of Contractor's work. Observations will to be limited to spot checking, selective measurement, and similar methods of general observation. Based on information obtained during site visits, Consultant will evaluate whether Contractor's work is generally proceeding in accordance with the Contract Documents, and Consultant will keep Client informed of the general progress of the work.

Consultant will not supervise, direct, or have control over Contractor's work, nor shall Consultant have authority to stop the Work or have responsibility for the means, methods, techniques, equipment choice and usage, schedules, or procedures of construction selected by Contractor, for safety programs incident to Contractor's work, or for any failure of Contractor to comply with any laws. Consultant does not guarantee the performance of any Contractor and has no responsibility for Contractor's failure to perform its work in accordance with the Contract Documents.

- C. *Recommendations with Respect to Defective Work.* Consultant will recommend to Client that Contractor's work be disapproved and rejected while it is in progress if, on the basis of its observations, Consultant believes *that* such work will not produce a completed Project that generally conforms to the Contract Documents.
- D. *Clarifications and Interpretations.* Consultant will respond to reasonable and appropriate Contractor requests for *information* and issue necessary clarifications and interpretations of the Contract Documents. Any orders authorizing variations from the Contract Documents will be made by NPU.

- E. *Shop Drawings and Samples.* Consultant will review and approve or take other appropriate action in respect to *Shop Drawings and Samples* and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents. Such review and approvals or other action will not extend to means, methods, techniques, equipment choice and usage, schedules, or procedures of construction or to related safety programs.
- F. *Inspections and Tests.* Consultant may require special inspections or tests of Contractor's work as Consultant deems appropriate, and may receive and review certificates of inspections within Consultant's area of *responsibility* or of tests and approvals required by laws or the Contract Documents. Consultant's review of certificates will be for the purpose of determining that the results certified indicate compliance with the Contract Documents and will not be an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Contract Documents. Consultant shall be entitled to rely on the results of such tests.
- G. *Applications for Payment.* Based on its observations and on review of applications for payment and supporting documentation, Consultant will determine amounts that Consultant recommends Contractor be paid. Such *recommendations* will be based on Consultant's knowledge, information and belief, and will state whether in Consultant's opinion Contractor's work has progressed to the point indicated, subject to any qualifications stated in the recommendation. For unit price work, Consultant's recommendations of payment will include determinations of quantities and classifications of Contractor's work, based on observations and measurements of quantities provided with pay requests. Consultant's recommendations will not be a representation that its observations to check Contractor's work have been exhaustive, extended to every aspect of Contractor's work, or involved detailed inspections.
- H. *Substantial Completion.* Consultant will, after notice from Contractor that it considers the Work ready for its intended use, in company with Client and Contractor, conduct a site visit to determine if the Work is substantially complete. Work will be considered substantially complete following satisfactory completion of all items with *the* exception of those identified on a final punch list.
- I. *Final Certifications.* Consultant will prepare the forms and compile the supporting documentation to request final certification for permits. The documents will be submitted for City of North Port review and signature prior to final submittal to regulatory agencies.
- J. *Preparation of Record Drawings.* Based upon signed and sealed survey information provided by the Contractor, *Consultant* will prepare electronic record drawings and submit two (2) sets of full-sized (24" x 36") record drawings to the City.

#### **CITY OF NORTH PORT RESPONSIBILITIES**

The City of North Port will be responsible for the following:

- A. Provide NPU staff familiar with the operations of the associated utilities within the project area.
- B. Provide record drawings of the existing facilities within the project area, if available.
- C. NPU shall assign a Project Manager, who will serve as the primary point of contact for the Consultant during the Project.
- D. NPU shall be responsible for the printing and distribution of the bidding and Conformed Documents, if required.

**METHOD OF COMPENSATION**

The Consultant will perform the above Scope of Services in Tasks 1.0 and 3.0 through 7.0 as shown in the table below for a lump sum (LS) fee of \$152,450, inclusive of expenses and subconsultant fees. Individual task amounts are informational only. All permitting, application, and similar project fees will be paid directly by the Client. Lump sum fees will be invoiced monthly based upon the overall percentage of services performed.

Consultant will perform the above Scope of Services for Task 2.0 on an hourly not to exceed (NTE) basis of up to \$12,500. Kimley-Horn will not exceed the total maximum hourly not to exceed fee shown without authorization from the Client. Individual task amount is provided for budgeting purposes only. Administrative time related to the project may be billed hourly. All permitting, application, and similar project fees will be paid directly by the Client. Should the Client request Kimley-Horn to advance any such project fees on the Client's behalf, a separate invoice for such fees, with a fifteen percent (15%) markup, will be immediately issued to and paid by the Client. Invoices will be billed on a percent complete basis for this task.

<b>TASK</b>	<b>DESCRIPTION</b>	<b>FEE</b>
1.0	PROJECT COORDINATION AND DATA COLLECTION	\$28,328
2.0	SUBSURFACE UTILITY EXPLORATIONS (SUE) (Not to Exceed)	\$12,500 (NTE)
3.0	60% DESIGN PLANS	\$32,731
4.0	PERMITTING SERVICES	\$10,767
5.0	FINAL DESIGN DRAWINGS AND CONTRACT DOCUMENTS (90% and 100% PHASE)	\$39,201
6.0	BID PHASE SERVICES	\$16,645
7.0	ENGINEER OF RECORD (EOR) SERVICES DURING CONSTRUCTION	\$24,778
<b>TOTAL LUMP SUM FEE</b>		<b>\$152,450</b>
TOTAL HOURLY NOT TO EXCEED FEE (TASK 2.0)		\$12,500
<b>TOTAL PROJECT FEE</b>		<b>\$164,950</b>

Payment will be due within 25 days of your receipt of the invoice and should include the invoice number and Kimley-Horn project number.



**PROJECT SCHEDULE**

<b>TASK DESCRIPTION</b>	<b>DURATION (Calendar Days)</b>
Notice to Proceed (NTP)	0
Data Collection and 60% Design Phase	75 days
Final Design Drawings	115 days
Contract Documents	143 days
Bid Phase Services	TBD
Construction Phase Services	TBD

PROJECT WORK PLAN PERSON-HOUR ESTIMATE

Project Name: \_\_\_\_\_  
 Project Number: \_\_\_\_\_  
 Date Prepared: \_\_\_\_\_  
 Estimated By: \_\_\_\_\_

Estimated Project Duration: \_\_\_\_\_ months  
 PDR and Hydraulic Modeling: 0 months  
 Construction Plans and Permits: 0 months  
 Construction: 0 months  
 Total: 0 months

KHA Task # Subtask ID Number	KHA Task Name Subtask Name/Description	Direct Labor (Person-Hours)						Total
		Senior Prof. II	Senior Prof. I	Prof.	Analyst	Senior Technical Support	Support Staff	
		\$ 258.00	\$ 256.00	\$ 185.00	\$ 154.17	\$ 150.00	\$ 91.67	
<b>1.0</b>	<b>Project Coordination and Data Collection</b>							
	Data Collection and Review	2.0	4.0	18.0	24.0	8.0	4.0	60.0
	Field Site Visit			4.0	8.0			12.0
	Design ticket and private utility coordination			12.0	24.0	4.0	4.0	44.0
	Plan view exhibit and submittal	4.0	4.0	4.0	8.0	8.0		28.0
	Revisions to the plan view exhibit	2.0	4.0	2.0	6.0	6.0	4.0	24.0
	<b>Task Total (Hours)</b>	<b>8.0</b>	<b>12.0</b>	<b>40.0</b>	<b>70.0</b>	<b>26.0</b>	<b>12.0</b>	<b>168.0</b>
	<b>Task Total (Fee)</b>	<b>\$2,064.00</b>	<b>\$3,072.00</b>	<b>\$7,400.00</b>	<b>\$10,791.66</b>	<b>\$3,900.00</b>	<b>\$1,100.00</b>	<b>\$28,328</b>
<b>2.0</b>	<b>SUE</b>							
	<b>Task Total (Hours)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
	<b>Task Total (Fee)</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$12,500</b>
<b>3.0</b>	<b>60% Design Plans</b>							
	Prepare 60% Design Drawings	2.0		16.0	24.0	40.0		82.0
	Prepare Draft Technical Specifications	1.0	2.0	8.0	16.0		8.0	35.0
	Prepare OPC	2.0	4.0	4.0	16.0	8.0		34.0
	Submit 60% Plans	1.0		2.0	2.0	20.0	2.0	27.0
	Prepare for and attend design review meeting	4.0		4.0	8.0	2.0	8.0	26.0
	<b>Task Total (Hours)</b>	<b>10.0</b>	<b>6.0</b>	<b>34.0</b>	<b>66.0</b>	<b>70.0</b>	<b>18.0</b>	<b>204.0</b>
	<b>Task Total (Fee)</b>	<b>\$2,580.00</b>	<b>\$1,536.00</b>	<b>\$6,290.00</b>	<b>\$10,174.99</b>	<b>\$10,500.00</b>	<b>\$1,650.00</b>	<b>\$32,731</b>
<b>4.0</b>	<b>Permitting Services</b>							
	Pre-application meeting	1.0		4.0	8.0	2.0		15.0
	Prepare FDEP application	2.0		4.0	10.0		4.0	20.0
	Respond to FDEP comments	2.0		8.0	18.0	2.0		30.0
	<b>Task Total (Hours)</b>	<b>5.0</b>	<b>0.0</b>	<b>16.0</b>	<b>36.0</b>	<b>4.0</b>	<b>4.0</b>	<b>65.0</b>
	<b>Task Total (Fee)</b>	<b>\$1,290.00</b>	<b>\$0.00</b>	<b>\$2,960.00</b>	<b>\$5,550.00</b>	<b>\$600.00</b>	<b>\$366.67</b>	<b>\$10,767</b>
<b>5.0</b>	<b>Final Design Drawings and Contract Documents (90% and 100% Phase)</b>							
	90% Submittal							0.0
	Prepare 90% Design Drawings	2.0		4.0	16.0	32.0		54.0
	Prepare Draft Technical Specifications	2.0	4.0	8.0	12.0		6.0	32.0
	Prepare OPC	2.0	4.0	4.0	8.0	8.0		26.0
	Submit Plans	1.0		2.0	2.0	16.0	2.0	23.0
	Prepare for and attend design review meeting	2.0		4.0				6.0
	100% Submittal							0.0
	Prepare 90% Design Drawings	2.0		4.0		24.0		30.0
	Prepare Draft Technical Specifications	2.0	4.0	4.0	8.0		4.0	22.0
	Prepare OPC	2.0	4.0	4.0	8.0	8.0		26.0
	Submit Plans	1.0		2.0	2.0	8.0	2.0	15.0
	<b>Task Total (Hours)</b>	<b>16.0</b>	<b>16.0</b>	<b>36.0</b>	<b>56.0</b>	<b>96.0</b>	<b>14.0</b>	<b>234.0</b>
	<b>Task Total (Fee)</b>	<b>\$4,128.00</b>	<b>\$4,096.00</b>	<b>\$6,660.00</b>	<b>\$8,633.33</b>	<b>\$14,400.00</b>	<b>\$1,283.33</b>	<b>\$39,201</b>
<b>6.0</b>	<b>Bid Phase Services</b>							
	Respond to RFI's	8.0		8.0	16.0		8.0	40.0
	Attend pre-bid meeting	2.0		2.0	4.0	4.0	2.0	14.0
	Prepre bid tabulation and evaluate qualifications	2.0		2.0			4.0	8.0
	Develop conformed Plans	4.0		8.0	16.0	8.0	2.0	38.0
	<b>Task Total (Hours)</b>	<b>16.0</b>	<b>0.0</b>	<b>20.0</b>	<b>36.0</b>	<b>12.0</b>	<b>16.0</b>	<b>100.0</b>
	<b>Task Total (Fee)</b>	<b>\$4,128.00</b>	<b>\$0.00</b>	<b>\$3,700.00</b>	<b>\$5,550.00</b>	<b>\$1,800.00</b>	<b>\$1,466.67</b>	<b>\$16,645</b>
<b>7.0</b>	<b>Engineer of Record (EOR) Services During Construction</b>							
	Pre-construction meeting		2.0	4.0	4.0	2.0	2	14
	Site Visits (4)			4.0		6.0	4.0	14
	Clarifications and Interpretations	2.0	2.0		6.0	4.0	4.0	18
	Shop Drawings	4.0	4.0		8.0		8.0	24
	Pay Apps		4.0		4.0	4.0		12
	Substantial		4.0	2.0	4.0		2.0	12
	Final Completion	2.0		2.0	4.0		2.0	10
	Record Drawings	1.0	8.0		16.0	16.0	2.0	
	<b>Task Total (Hours)</b>	<b>9.0</b>	<b>24.0</b>	<b>12.0</b>	<b>46.0</b>	<b>32.0</b>	<b>24.0</b>	<b>147.0</b>
	<b>Task Total (Fee)</b>	<b>\$2,322.00</b>	<b>\$6,144.00</b>	<b>\$2,220.00</b>	<b>\$7,091.66</b>	<b>\$4,800.00</b>	<b>\$2,200.00</b>	<b>\$24,778</b>
	<b>Project Total (Fee)</b>	<b>\$16,512.00</b>	<b>\$14,848.00</b>	<b>\$29,230.00</b>	<b>\$47,791.63</b>	<b>\$36,000.00</b>	<b>\$8,066.67</b>	<b>\$152,450</b>

Project Fee \$164,950.00