



ADDENDUM #2 TO CONTRACT DOCUMENTS

****This Addendum MUST be acknowledged via the “Addenda Acknowledgement Form”****

Date: February 13, 2019

Bid # and Title: ITB #19-01-376 Canal Bank Repair

Bid Due Date: March 5, 2019 @ 10:00 am EST

TO ALL PROSPECTIVE BIDDERS:

Bidders, for the above referenced project, shall take note of the following revisions, additions, deletions, clarifications, etc. relative to the ITB, which in accordance with the Contract Documents, shall become a part of and have precedence over anything shown or described otherwise.

Additions

- An additional Site Visit is scheduled for **Friday, February 15, 2019 from 10:00 am – 11:00 am**. This is not mandatory; sign-in is not required. This will be the final opportunity to visit the site prior to bid submissions. City staff will be present but **no questions will be answered**.
- A “**Reference Check Survey**” is to be included with Bidder’s bid submission for each client reference identified on the “Client References” form.
- Updated “**Addenda Acknowledgement Form**” to include acknowledgement of Pre-Bid Meeting Minutes.

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Clarifications

- The following items were asked and discussed at the Mandatory Pre-Bid Meeting. The information below is intended to clarify or add to the responses.

Gary Stoor, Kiewit Infrastructure South Co.:

Q. As far as the sheet piling, are there PZ 40's or equivalent larger section modules and is there a "buy American" requirement or can they be foreign as there could be a difference in procurement time for getting sheets.

Raj Verma:

A. Because it is not a federal bid, from the perspective of the design calculation, as long as all engineering properties are consistent – the section modulus; the moment capacity; stress allowances, etc. ; and the design engineer concurs with it, we will consider it. However, this will be verified from the design engineer first.

Updated Response: Buy America not required. PZ 40 sheet pile may be used provided supportive information along with signed/sealed backup calculations is submitted to engineer-of-record (EOR) for review and approval.

Lyza Nichols, Brothers Construction:

Q. Is it required to be a hot rolled sheet or can it be cold rolled.

Raj Verma:

A. You have to look at the specifications, and we will also definitely check.

Updated Response: Sheet piles could be hot rolled or cold rolled as long as all structural properties remain the same.

Gary Stoor, Kiewit Infrastructure South Co.:

Q. To verify on the concrete pile, it shows an elevation for tip, is that minimum tip elevation but that means it still needs to meet the 35 ton bearing requirement.

Raj Verma:

A. Yes; whatever is being specified is all based on calculations.

Updated Response: For driven precast concrete piles, please see Geotechnical report that explains the basis. If in doubt, contractor to perform additional verification at own cost.

Lyza Nichols, Brothers Construction:

Q. Are there any restrictions on the installation methods, such as can you jet.

Raj Verma:

A. The method and means are your responsibility as long as you have enough protection to keep the properties safe because of vibrations and impact to the houses as specified in the bid documents

Updated Response: Jetting is NOT allowed. Please refer to soil boring elevation of lime rock stratum. It may require pre drill prior to installation of sheet pile.



Responses to Questions

1. Brother's Construction, Inc.

1.1 Question: Will the Contractor be allowed to line pump concrete from 79th Ave through private homeowner properties in lieu of barging to the site.

Response: Yes, the Contractor will be allowed to line pump concrete from 79th Ave through private homeowner properties in lieu of barging to the site.

1.2 Question: Page S-3.2 Enlarged Section View shows "pile prestress strands" sticking out of the tops of the piles. Is this correct or are these supposed to be doweled reinforcing bars per Section A-A? What is the dowel embedment depth into piles?

Response: (1) Please follow attached revised detail \$A-A, Sheet S3.2. (2) 4 #5, 8" embedment with sikadur injection epoxy gel.

1.3 Question: Page S-3.2 Enlarged Section View shows "pile prestress strands" sticking out of the tops of the piles. Is this correct or are these supposed to be doweled reinforcing bars per Section A-A? What is the dowel embedment depth into piles?

Response: They are prestress strands as shown, see revised section without #4 bar.

1.4 Question: We do not see any design requirements for the precast piles and assume they are standard prestressed/ precast piles. Should we refer to FDOT standard designs for these piles?

Response: All precast concrete pile must meet FDOT standards, installation per FDOT specification section 455.

1.5 Question: Please confirm that pre/post structural surveys and vibration monitoring are the responsibility of the Owner?

Response: The general contractor will be responsible for the pre/post structural surveys and vibration monitoring.

1.6 Question: Are turbidity curtains required during construction?

Response: Yes, turbidity barriers must be provided during the entire duration of the construction.

1.7 Question: Page S-3.2 shows 17' embedment requirement on concrete piles and refers to 35 ton capacity but the soils report discusses concrete piles being embedded 25' past the mudline or scour elevation in order to achieve axial capacity of 30 tons. What are the concrete pile lengths or minimum tip elevations required?

Response: 14x14 FDOT precast concrete pile embedded 25'-0 below the mudline with a minimum 30-ton capacity, total pile length 46'-0.



Brother's Construction, Inc. (continued)

1.8 Question: *The drawings discuss piles having minimum 35 ton capacity. 1 – please confirm no pile testing is required during installation and 2 – please define how pile capacity shall be determined.*

Response: (1) Contractor must install test pile with PDAS and have a specialty engineer hired by the contractor to establish the pile driving criteria.
(2) Piles to be driven per FDOT specification, section 455, per soil report.

1.9 Question: *If the piles do not reach capacity but are driven to minimum tip will the contractor be compensated by the Owner for splicing and driving piles for additional length/capacity.*

Response: Typically, the pile length 46'-0 provides the unit price for splicing and the additional 5'-0 length of the pile.

1.10 Question: *Can the contractor use #57 limestone to backfill the void behind the wall?*

Response: No limestone, only clean fill with 92% modified compaction.

1.11 Question: *Referring to the "Electronic Bid Form" we are confused by what is required for "detailed specifications in pricing". Please provide an example of what is required here.*

Response: "Detailed specifications in pricing" requires the Bidder to include all listed components in the pricing entered for their bid submission. Be as detailed as possible with the items included in the pricing of each Item No.

1.12 Question: *Is the Contractor required to do any design for this project?*

Response: All related temporary and means of methods require additional specialty engineer services. The Contractor is responsible for hiring such a specialty engineer and payment for the services.

1.13 Question: *Referring to the investigative report performed by TMS in 2017 it appears that the canal bank is metastable and could collapse at any time, possibly during clearing operations but most likely during sheet pile wall installation. It is also stated that controlled vibration equipment should be used for wall installation but impact and vibratory hammers of substantial energy will be required to install both the sheet piles and concrete piles to the capacities and tip design requirements. Regardless, it appears that installation of the sheet pile wall even with low vibration equipment will still shear off the unsupported/ cantilevered limestone mass in the canal bank and create a dynamic slope failure. Because of this we fear that the sheet pile wall will fail during installation (prior to integration with a batter pile cap connection) but are unable to quantify that risk or remediation cost. Would the Owner work with the Contractor and provide cost compensation if there is a slope/wall failure during construction? We are unsure if temporary bracing / tie backs (as stated in S-3.1 notes) during wall installation will be achievable or even helpful in these conditions. They would also need to be designed and cannot be accurately estimated in this low bid process.*

Response: Contractor to carryout due diligence prior to bid and include all related cost in the final bid.



Brother's Construction, Inc. (continued)

1.14 *Question:* Have hold harmless, indemnification agreements been executed between the City and homeowners?

Response: Yes, hold harmless, indemnification agreements have been executed between the City and homeowners.

1.15 *Question:* Will the Contractor be liable for consequential damages?

Response: Yes, Contractor must assess the site condition prior to bid and proceed with the work, take all necessary precautions to prevent any form of the situation or delay to the contractor. Include all such concerns into the final bid price.

1.16 *Question:* Will the contractor be permitted to put equipment into the backyards of the properties? If so, are there any restrictions on size?

Response: No, contractor will not be permitted to put equipment into the backyards of the properties. All work should be done from the barges.

2. Construct Connect

2.1 *Question:* How much is the construction cost/estimated budget?

Response: Refer to page 5, "V. Project Budget" for construction cost/estimated budget.

2.2 *Question:* Can I get a copy of any addenda that have been released to date?

Response: Refer to www.demandstar.com or the City's website for released addenda.

3. Shoreline Foundation, Inc.

3.1 *Question:* What is the completion date of this project?

Response: Refer to page 12, "General Conditions" #26.

4. Universal Engineering Science, Inc.

4.1 *Question:* Who is responsible for the materials testing and inspections on this project, owner or General Contractor? Including Vibration Monitoring? Pre and Post Structural Survey?

Response: The general contractor is responsible for the materials, testing and inspections on this project, including Vibration Monitoring and Pre- and Post- Structural Survey.



All other documents, specifications, drawings, terms and conditions remain the same.

Attachments:

Survey & Seawall Plans

Reference Check Survey & Instructions

Addenda Acknowledgement Form

END OF DOCUMENT



REFERENCE CHECK SURVEY

ITB #19-01-376 – CANAL BANK REPAIR

FIRM BEING SURVEYED: _____

COMPANY COMPLETING SURVEY: _____

PERSON COMPLETING SURVEY: _____ DATES OF SERVICE: _____

- 1. Describe the scope of work performed by this firm for your organization? Provide Project Name.*
- 2. Rate each of the criteria below on a scale of 1 to 10, 10 being very satisfied and 1 being very unsatisfied. Please rate each criterion to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.*

ITEM	CRITERIA	SCORE
1	Ability to manage cost and complete project within budget	
2	Ability to maintain project schedule and complete project on time/early	
3	Quality/Qualifications of workmanship	
4	Professionalism of Firm	
5	Firms cooperation and reliability	
6	Ability to communicate	
7	Ability to maintain proper and detailed documentation	
8	Appropriate use of technology	
9	Ability to offer solid recommendations	
10	Overall Client Satisfaction	

- 3. What problems, if any, were encountered with this firm during performance of the project, and how were they resolved?*

- 4. Would you re-hire this firm?*

Yes: _____ No: _____ Maybe: _____

Signature of Evaluator

Date



REFERENCE CHECK SURVEY

INSTRUCTIONS TO PREPARE AND SEND TO REFERENCES

ITB #19-01-376 – CANAL BANK REPAIR

The objective of this process is to identify the past performance of the firm submitting a response to the RFQ. This is accomplished by sending survey forms to past clients. The client should return the forms directly to the firm and the firm shall include the completed surveys in their RFQ response.

The surveys shall be sent to all references that the firm has identified on the “Client References” form. If additional surveys are included in the RFQ response, the City will only consider those identified on the “Client References” form.

1. The firm is responsible for verifying accurate contact information for the reference in case there is a need for additional information or to clarify survey data; the City must be able to contact reference. If the reference cannot be contacted, there will be no credit given for that reference.
2. The survey must contain different services/projects and different clients. You cannot have multiple people evaluating the same project or multiple projects by the same person.
3. Projects can be either completed or on going.



ADDENA ACKNOWLEDGMENT FORM

Bidder's Name: _____

The undersigned acknowledges receipt of the following addenda to the Documents:

Pre-Bid Meeting Minutes

Print Name of Representative: _____

Sign: _____ Dated: _____

Addendum No. 1

Print Name of Representative: _____

Sign: _____ Dated: _____

Addendum No. 2

Print Name of Representative: _____

Sign: _____ Dated: _____

Addendum No. 3

Print Name of Representative: _____

Sign: _____ Dated: _____

Addendum No. 4

Print Name of Representative: _____

Sign: _____ Dated: _____

Addendum No. 5

Print Name of Representative: _____

Sign: _____ Dated: _____