



Philadelphia Regional Port Authority

December 13, 2016

To: All Bidders

From: Kate Bailey *KB/UMP*
Director of Procurement

Re: **ADDENDUM NO. # 2**
Project # 16-146.1
Emergency Landside Repairs at Tioga Marine Terminal

This Addendum No. #2 is issued to:

1. To extend the bid closing date from Wednesday, December 14, 2016 to Thursday, December 15, 2016 at 2:00 P.M.
2. Provide a new Bid Form. Item 7b has been revised to read "Compaction grout, estimated volume" and the quantity for 7b has been revised to 225.
3. Answer the following questions received from bidders:

Q1. Item 5 (Sawcut ex. Slab on grade, timber and railroad track rail.) This item has a designated unit as "Square Feet", but no quantity is given. What is this quantity?

A revised bid form was provided with this Addendum 2.

Q2. Item 7a & 7b (Jet Grout and Compaction Grout). This item has a designated unit as "Cubic Yards", but no quantities are given. What are these quantities?

See response to Question 1, above.

Q3. Item 8b (Install new concrete slab on grade). This item has a designated unit as "Square Feet", but no quantity is given. What is this quantity?

See response to Question 1, above.

Q4: The project documents include a Diversity Inclusion Plan with minimum DBE requirements to be met on the project. Due to the emergency nature of the project and specially nature of the work being performed these goals will be extremely difficult to meet. Can this requirement be waived for this project?

The PRPA's mandatory diversity commitment percentage is 20%, as stated in our Diversity and Inclusion Policy of Part 4, Page 2. This requirement will not be waived. More information on this can be found in the above referenced section.

Q5: There is no performance criteria set forth for the compaction grouting specifications detailed on sheet S-002. Section 7.0 Jet Grouting – 13.A indicates the jet grouting should meet “A minimum SPT of ten BPF throughout treatment zone”. Does this criteria apply to the compaction grouting program as well?

Yes, the same performance criteria of “a minimum SPT of ten BPF throughout treatment zone” must be achieved and verified, throughout the compaction grouting zone.

Q6: Please confirm that there will not be any contaminated materials present within the cells being treated.

No environmental testing has been performed on any of the soils. We are not aware of the presence of any contaminated materials on the site. The two borings taken as part of the preparatory work did not indicate the presence of contaminated material.

Q7: Are there any work hour restrictions? Will site access be restricted during certain hours?

There are no work hour restrictions. Given the emergency nature of this work, the contractor will have access to the work facility 24/7, subject to the TWIC protocols (see below).

Q8: Where is the closest source of water for construction? Are there any fees or permits associated with its use?

There is a water source on the north side of building 1. There is no fee for water usage.

Q9: Please provide a recommended hole spacing for compaction grouting for bid purposes.

Assume a spacing of 10 ft. on centers for bidding purposes. However, it is up to the specialty contractor to develop the hole spacing expected for the project based on their design. Plans indicating such shall be submitted prior to remediation. It will be the specialty contractor's responsibility to achieve and demonstrate improvement. If improvement is not demonstrated additional grouting will be required.

Under the specifications for Compaction Grouting it states:

3. *THE CONTRACTOR SHALL SUBMIT A DETAILED OPERATING WORK PLAN DESCRIBING HIS PROPOSED CONSTRUCTION EQUIPMENT, PROCEDURES, AND SCHEDULES. THIS SHALL INCLUDE:
 - D. *GROUTING PLAN OUTLINING THE SPACING, LOCATION, DEPTH, AND QUANTITY OF GROUT TO ACHIEVE THE SPECIFIED CRITERIA. GROUT HOLE LOCATIONS SHALL BE DIMENSIONALLY REFERENCED TO THE CONTRACT DRAWINGS. INCLUDING THE GEOMETRY OF THE FINISHED COLUMNS, SIZE AND OVERLAP.**

Q10: Please provide a recommended compaction grout quantity for bid purposes.

For bidding purposes 225 CY of grout is estimated based on available information. However, it is up to the specialty contractor to develop the grout volumes expected for the project based on their design. Plans indicating such shall be submitted prior to remediation. It will be the specialty contractor's responsibility to achieve and demonstrate improvement. If improvement is not demonstrated additional grouting will be required.

Q11: The geotechnical report mentions the potential for grout to enter the river. If grout enters the river through as a result of deterioration in the cofferdam, who is responsible for potential cleanup and/or mitigation measures. Please provide an allowance item for contingency measures required to deal with this unknown.

To alleviate this risk, the cofferdam sheets will be inspected and tested for perforations by others and repairs will be undertaken. This work will be completed by others prior to the start of the grouting operations for this contract.

Q12: The geotechnical report mentions the potential need for divers to provide inspection during grouting. We have assumed that the owners engineer will monitor and inspect the structure during grouting. Please verify.

This will be carried out by Owners Engineer.

Q13: Please provide information regarding the construction (conduit, duct,etc..) , size, voltage, etc... of the existing utilities.

Sheet S-100 shows the size (where indicated) and approximate location of existing utilities based on previous survey information. See sheet S-001, general note 2: Contractor shall verify existing utility locations in the construction area and take measures to protect them from damage during the construction work.

Q14: It was indicated that TWIC cards will be required for this work. Will the owner facilitate an expedited review/approval of TWIC applications and training to expedite the work? Can the owner provide guidelines for escorting non-TWIC approved employees onto the facility? Will the owner provide escorts as needed to facilitate the process?

PRPA has no control over the TWIC application and approval process. If at least 1 in 5 of the workers had a TWIC card then they could train them to act as the escort.

Q15: Can the contractor assume that company vehicles will be allowed onsite?

The minimal number of vehicles to complete the project will be allowed on site. On site personnel should meet at an offsite location and car pool into the site.

Q16: Can you identify the location of existing bench marks for survey and onsite layout.

Due to discrepancies between existing drawings and previous survey information, the cofferdam cell and arc intersections will be physically identified on the wharf edge curb by others prior to the start of work. The surfaces will be reinstated to match existing.

Q17: How will security procedures for delivery truck drivers be handled?

Deliveries will be handled by security providing there aren't a large amount of deliveries per day.

All other terms and conditions remain unchanged.

Bidders shall acknowledge receipt of this addendum by immediately faxing a copy of the completed acknowledgment to Kate Bailey at 215-426-6800 or email procurement@philaport.com

ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. #2
Emergency Landside Repairs at Tioga Marine Terminal
Project # 16-146.1

Date _____

By _____

Company _____

Telephone _____

Fax _____

Email _____

I. Monetary Section:

The undersigned, _____ (“Contractor”), having familiarized himself/herself/themselves/itself with the local conditions affecting the cost of the work and with the contract documents, including the Bid Forms (to include (i) the Monetary Section, (ii) the Contractor Responsiveness Section, (iii) the Contractor Responsibility Section, (iv) the Acknowledgment of Disclaimers Section and (v) Representation and Authorization Section), Instructions to Bidders, Diversity Inclusion Plan Forms, General Conditions, Plans and Specifications, and other Bidding and Contract Documents, hereby proposes to perform everything required to be performed and to provide and furnish all labor, material, necessary tools, equipment, and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required to be performed within _____ fifty (50) days, counting from the date of notice to proceed, for the following prices: **Contract will be awarded based on Total Not to Exceed Base Bid Amount.**

16-146.1 Emergency Landside Repairs at Tioga Marine Terminal

REVISED PER ADDENDUM #1

Item #	Description	Unit	Units	Unit Price Written in Words	Unit Price Written in Number	Total Price Written in Words	Total Price Written in Numbers
1	Mobilization: a. Erect temporary safety barrier securing site perimeter. Barrier shall meet OSHA safety barrier requirements. b. Temporary site facilities. Connection to water and power	LS	1				
2	Locate existing structure: Contractor shall establish the location of cofferdam cells and arcs to be repaired using previously delineated (Contract 16-145.1) cellular and cellular connecting arcs structural extents for cells 26 to 36.	LS	1				
3	Using NDT methods locate and protect existing utilities and utility pits and ducts within work area.	LS	1				
4	Using NDT methods locate and support existing pile supported crane rail structure within work area.	LS	1				
5	Saw cut and remove existing concrete slab on grade, timber ties and railroad track rails. Approximate plan area 50-ft x 27-ft. Actual size to be determined in field during demolition work. Concrete slab on grade thickness varies between 8 and 18-inches thick.	SF	1350				
6	Stabilize area of collapse by installing CLSM to fill voids.	CY	240				
7	Carry out soil improvement using jet grout and compaction grout soil stabilization to the extent indicated on plan details and in accordance with notes.						
	a. Jet grout estimated volume of soil improvement:	CY	1626				
	b. Compaction grout estimated volume:	CY	225				
8	Reinstatement of surfaces.						
	a. Construct and connect new railroad track to existing.	LF/pair of rails	100				
	b. Install new concrete slab on grade.	SF	1350				
	c. Carry out concrete patch repairs to grout injection core holes.	EA	24				
	d. Carry out asphalt patch repairs to grout injection holes.	EA	23				
e. Localized areas of asphalt repairs to areas of damaged asphalt.	SF	50					
9	Demobilize and site clean up Contractor shall remove temporary buildings, fences, excess materials, trash and debris from the site. The contractor shall broom clean all areas affected by the work to the satisfaction of the owner.	LS	1				
10	Record drawings. Contractor shall produce as built record drawings showing the extent of repairs at the completion of the project.	LS	1				

***Item 7b revised per addendum 2

Note:

Item No. # corresponds to scope of work item number on drawings

Total Not to Exceed Base Bid Amount: Add Items 1-10. **Bids will be evaluated based upon this number.**

\$ _____
Total Price Written in Words

\$ _____
Total Price Written in Figures

II. Contractor Responsiveness Section:

A. The Contractor certifies to the best of its knowledge, information and belief that:

- i.* that the Contractor and its subcontractors required to be disclosed or approved by the Authority, that as of the date of its execution of this Bid, that neither the Contractor, nor any such subcontractors, are under suspension or debarment by the Commonwealth or any governmental entity, instrumentality, or authority and, if the Contractor cannot so certify, then it agrees to submit, along with its Bid, a written explanation of why such certification cannot be made.
- ii.* that as of the date of its execution of this Bid it has no tax liabilities or other Commonwealth obligations, or has filed a timely administrative or judicial appeal if such liabilities or obligations exist, or is subject to a duly approved deferred payment plan if such liabilities exist.
- iii.* it possesses all required business, contracting and trade licenses required to perform the work.
- iv.* it possesses all the technical qualifications and resources, including equipment, personnel and financial resources, to perform the work.
- v.* it (or the labor force) participates in an approved Apprenticeship Program for each craft or trade of the labor force contemplated to perform the work and such program being currently registered with the Pennsylvania Apprenticeship and Training Council and that it has apprentices and trainees currently participating.
- vi.* the information provided in connection with this Bid on the Diversity Inclusion Plan Forms is accurate and the mandatory information on form is filled out completely.
- vii.* it shall perform on the site and with its own organization at least 20 percent of the total amount of work to be performed under this contract.

B. The Contractor shall perform the following work: