DEAR BIDDER

12345

Your vendor number with us
100

Quotation Due by
Close of Business: 02/04/2016

Deliv. terms: DDP DESTINATION/JOBSITE
Payt. terms: NET DUE WITHIN 30 DAYS

BID ADDENDUM #3, DATED 1/28/16, TO INQUIRY #Q15-6009JM/REQUEST FOR QUOTATION (RFQ) #6000162792

RE: NEW YORK POWER AUTHORITY (NYP) PLATTSBURGH SUBSTATION STORM WATER DRAINAGE IMPROVEMENT PROJECT

THE ORIGINAL BID DOCUMENT FOR INQUIRY #Q15-6009JM/RFQ # 6000162792 IS AMENDED AS NOTED IN THIS BID ADDENDUM #3 AND IT SHALL BECOME A PART OF THE BID DOCUMENT.

1. A LIST OF QUESTIONS RECEIVED FROM POTENTIAL BIDDERS AND NYP'S RESPONSES ATTACHED.
2. ADDITIONAL DRAWINGS ALSO ATTACHED.
DEAR BIDDER

I HAVE READ THIS BID ADDENDUM NO. 3 TO INQUIRY #Q15-6009JM/RFQ #6000162792 AND HAVE CONSIDERED IT IN MY PROPOSAL.

BIDDER'S NAME:______________________________________________________________

BY: (NAME - SIGNED):________________________________________________________

BY: (NAME - TYPED):_________________________________________________________

TITLE:________________________________________________________

DATE:________________________________________________________

*** Text changed ***
New York Power Authority (NYPA) Inquiry #Q15-6009JM

Cable Trench Protection Plattsburgh Substation Storm Water Drainage Improvement Project

Questions received by potential Bidders and NYPA’s responses.

General Questions regarding Procurement and Terms of Conditions:

1. Is there a pre-bid conference, I do not see one in the bidding documents. If so, when and where?
2. Will there be a pre-bid meeting? How do we arrange a site visit?
3. Is there going to be a pre-bid? If not, can we visit the site?
4. We still like to visit the site and our electrician would like to enter the control house.

Answers to Questions 1 - 4: There was a Pre-Bid Tour at the Adirondack Plattsburgh Substation on Thursday, January 21, 2016 at 10 AM as stated in Bid Addendum #1.

5. Is there a construction schedule? Is there a completion date?

Bidder to provide a schedule for the project assuming a start date of 4/15/2016.

6. Can the bid documents be emailed on bid day?

   No

7. Is there an estimate for this project?

   NYPA does not release that information.

8. MWBE - What is the MWBE goal?

   15%/15% as stated in Appendix C of the RFQ.

9. What are the Liquidated Damages?

   Liquidated Damages are ½% per day subject to a maximum of 10% of undelivered portion of the contract.

10. What is the Warranty?

    One (1) year warranty.

Questions regarding electrical clearances, safe digging, and rigging:

1. Previous Electrical substation projects have limitations on method of excavation within the substation security fence. Most notably, a requirement that all excavation within a specific proximity to equipment be completed via hand excavation. Is this a requirement that applies to the work under this RFQ? If so, please elaborate on the locations in question; particularly in the locations of new drainage structure/pumping vaults.
2. (Refer CSK-001 excavation 13) "Provide hand excavation in areas within substation yard...." Does this mean that all of the excavation activities inside the fence are to be done manually? For the catch basins, vaults and plumbing etc.

Answers to Questions 1 & 2: Excavations within the security fence shall be via hand excavation.

3. As the final dimension and weight of the precast electrical vaults will not be determined until after closure of bidder questions, will contractor be able to operate boom truck and/or crane to set larger structures? Will existing equipment shut-downs or additional coordination be required between contractor and NYPA? If so, is there a cost to contractor for any applicable outages?

Boom truck and/or crane will be allowed as long as minimum approach distance is maintained from existing electrical equipment and conductors per OSHA. No existing equipment shutdowns will be allowed inside switchyard.

4. Can areas of the substation be de-energized or shielded to expedite the installation of the vault and catch basins?

Substation can’t be de-energized or shielded during vault and catch basin installation.

5. Would you consider alternatives for the concrete vault? A crane would be needed to set it (40,000 lb.).

Vault is to be concrete or polymer concrete. Contractor has the option to cast in place or install a precast unit.

Specific Design Questions:

1. Are there any borings?
2. Borings - Was there a subsurface exploration performed? Can we get the boring log?

Answers to Questions 1 & 2: Drawing 100-6-212A has information regarding Geo Probes that were taken at the site. Location of the probes and depth to bedrock are clearly shown on the drawing. There is no boring information available for this site.

3. What are the requirements for excavated material that is transferred offsite? Can we dispose of at a hard fill site? Would it have to go to a landfill?

Please refer Section 01524 – Environment, Health, Safety and Construction Waste Management.


Testing is included in the scope of the contractor. Contractor to employ third party testing agency to carry out the required tests.
5. Do the cable trenches have removable tops for access?

   The cable trenches do have removable tops.

6. Can you provide the thickness of the existing asphalt that needs to be patched?

   The asphalt thickness is unknown and will have to be determined in the field. Depth and area disturbed must be restored as per the specification.

7. On drawing 212A shows clearing and grubbing at the back of the site, are we doing this work? Under which bid item?

   New Line Item has been included to price this activity.

8. On the same drawing, where the cable trench enters the control house it shows modifying an existing brick infill with new concrete. Are we doing this work? Under which bid item?

   This is included as part of the scope of work. A new line item called cable trough protection at Control House will be added.

9. Should there be a hatch over the pumps in the vault if they are on a slide rail system?

   A discussion with a Pentair representative indicated that the slide rail system is not warranted for this application. The slide rail systems will be removed from the drawing as part of the bid addendum.

10. Can you provide more information on the trench drain you would like?

    Please provide a NEENAH model R-4996-A1 with a Type C Grate (or approved equal). Drawings will be updated to show this information as part of the bid addendum.

11. Pump suppliers would like more information on the pumps required (head, capacities, etc.)

    Pump make and model information is shown on drawing 213G. Please match the specifications of those pumps.

12. Are we doing the fence around the pond? Please provide details and specs. Is there a gate? How will the fence cross the swales?

    Fence work is part of this contract. Additional fence details will be part of the bid addendum in the drawings. Fence shall span over the swales and there will be small gap. There is a gate.

13. How thick is the clay liner in the pond? Any specs on the clay? Is a geosynthetic clay liner acceptable?

    The clay liner shall be 12” thick; drawings will be updated to show this and released as part of the bid addendum. A geosynthetic liner is acceptable provided it has a maximum permeability of $1 \times 10^{-5}$ cm/sec.
14. Does the vault need to be tight to the existing cable trench? Can it be moved away so we do not undermine the existing cable trench?

   Vault shall be tight against the existing cable trench but there could be a separation for sheeting/shoring. Contractor to employ means and methods during sheeting and shoring to ensure stability of existing cable trench.

15. Electrical Bid Items - The bid form does not appear to include any electrical bid items.

   Please refer to line item #12.

16. The rims and invert for CB-1, 2 are to close so they will not work.

   Please refer to detail 7 on drawing 213D and provide the precast cut-out as shown.

17. There is no pricing schedule for erosion/sediment control. Where would you like to see this cost?

   A new line item was added as part of the bid addendum #2.

18. There is no detail for the clearing/grubbing outside of the W. Fence area. Could you be more specific as to how you would like to have the area stabilized? There are also no erosion control measures specified at said location.

   Clear and grub only what is necessary to install the pipe and headwall with adequate clearance for silt fence placement. Please reference drawings CSK-001 and CSK-002 for site stability and erosion control measures.

19. SUPPLEMENTARY CONDITIONS. SC-02. Completion Schedule is incomplete.

   Bidder to provide a schedule for the project assuming a start date of 4/15/2016.

20. No specification for the type of clay liner was specified, nor was required thickness of liner.

    Please advise.

    Drawings have been revised to show liner thickness. Refer to question 13 response above. Clay shall have a minimum of 50% passing the 200 sieve.

21. The existing 18” storm pipe on the south edge of the work area that is to have the drop in catch basins added is described as CMP, is that concrete manufactured pipe or corrugated metal pipe? Please advise.

    Corrugated Metal Pipe

22. What are the restoration requirements inside the fence perimeter? Please advise.
Please restore to previous conditions as much as possible.

23. Does existing manhole 1 south of building 115 have a pre-existing sump as the drawings depict? If not, what are the required dimensions? Please advise.

   The sump is existing.

24. Does the 230kv trench on the west end of the property, which will be crossed with the 5” pvc force drain, have an existing sump? If not, what are the required dimensions of the sump to be? Please advise.

   The sump is existing.

25. Is temporary removal of security fence on the south edge of work area an option for work on DMH1 and additional drop in catch basins? Please advise.

   This is acceptable with the approval of NYPA.

26. No detail is supplied for new fence around retaining pond. Please advise.

   Drawing 212A has been revised to show fencing details.

27. Is contractor expected to provide and install fiber fence shaker security on newly installed fence surrounding retaining pond? If so, please provide specifications.

   No

28. Trench drain has no detail drawing and little info in spec book. Please advise.

   Drawing 213C has been revised to show trench drain requirements.

29. Please clarify 8” underdrain pipe material type to be installed on east edge of property.

   Please use PVC per spec section 2.4 with ½” perforations.

30. In what unit should pricing for underdrain be included? Please advise.

   Linear Feet

31. 2” drainage pipe in bottom of retention basin does not specify material required. Please advise.

   Please use PVC.

32. Pond riser outlet pipe discharge invert is below finished grade at outlet location depicted in drawing 2461842 100-6-212A. Also, outlet/riprap apron depicted in two different locations. Please advise.
The drawing will be revised however; pipe quantities will remain the same.

33. Cable tray modification between building 115 and cable trench belongs in which unit? (During walkthrough this work appears to be completed already. Please advise.

   Cable tray modifications are not envisaged.

34. Schedule 40 PVC and galvanized pipe are uncommon and unavailable pipe sizes. Please advise if 6” is acceptable.

   If this question is referring to the 5” PVC from the new sump pump vault, 6” PVC is acceptable providing it will not interfere with the cable trays as it passes through the existing cable trench.

35. Detail on page 213E depicts silt fence, inlet protection and construction entrance. No locations are depicted on site plan. Please advise.

   Please install as shown on drawing 213E while providing adequate clearance for the improvements shown on 212A.

36. Due to outstanding questions on liquidated damages and various project specifications and bid forms, Fuller Excavating would like to request a minimum of 1 week bid extension to properly secure bonds, materials and subcontractor pricing after receipt of addendum.

   Extension of bid by 1 week was granted in bid addendum #2.

37. Will there be a rock removal bid item? It appears we will be in rock at the pond?

   The closest Geo-Probe to the pond is GP-11 which indicates a refusal depth of 5.3’. Given the depth of the pond excavation, some rock removal should be anticipated. Without a geo-probe in the location of the pond, the amount of rock removal will need to be determined in the field.

38. There is an underdrain along the fence at the front of the site, under which bid item should this go?

   Please include it under bid line item 2.

39. Is the ground penetrating radar for trenching only, or the whole site?

   All areas where excavations would be required.

40. Please explain the hand digging requirements?

   Excavation within the security fence of the substations will be hand excavation only.
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