



January 21, 2021

ADDENDUM # 6 to PIN 072201931CPD

Re: Medium Voltage Feeders and Substation
Upgrades at Rikers Island

Dear Prospective Bidder:

Pursuant to §3-02(i) of the Procurement Policy Board (PPB) Rules, the Department of Correction (DOC) is issuing Addendum # 6 to the solicitation for the services referenced above.

The due date for questions in regard to this procurement must be submitted via email no later than **Wednesday, November 4, 2020 @ 3:00pm**. No additional RFI's will be accepted. The bid opening will be on **Friday, January 29, 2021 @ 12:00pm**.

EXTENDED BID DUE DATE:

Please be advised that the Bid Opening Date and Time for the above referenced procurement has been changed from:

January 22, 2021 at 11:00 AM to **January 29, 2021 at 12:00 PM**.

Responses to previous questions posed by prospective bidders:

Q.1 Please reference detail section EE on structural drawing S200.00. It shows ties into the bridge girders. Please provide the structural framing drawings for the bridge to illustrate the tie-in details required. Also, we are looking for the stinger spacing for the temporary work platform.

A.1 The original bridge construction drawings were not available. On Available drawings, each work platform is approximately 8'-8" wide (transverse to bridge) x 11'-0" long (parallel to bridge). All dimensions must be field verified by Contractor. Existing ties into the existing stringers are to remain. If any are in non-serviceable condition, notify New York City Department of Correction (DOC) immediately. Design and configuration of the temporary work platform is the responsibility of the Contractor's Engineer. The minimum safe load capacity for the temporary platform shall be determined by the Contractor's Engineer based on the proposed construction activities.

Q.2 Please confirm if there is a repair procedure for the rivet removals.

A.2 Rivets shall be removed in a manner so that the existing steel to remain is not damaged. We anticipate that the rivet heads will be sheared and the remaining shank will be removed. The existing hole diameter must conform or be re-drilled to accommodate the proposed new A325-TC bolt diameter + 1/16 inch. Notify DOC of any dimensional discrepancies immediately.

Q.3 Please reference drawing S200.00 West side platform repair construction sequence #8 says to paint all members with a three-coat paint system. What is meant by all members? Please quantify the extent, is it the entire area of repair?

A.3 Surface preparation and paint system shall be applicable to all existing steel platform members to remain and that which is replaced, in short, the entire platform steel.

Q.4 What is the lane configuration on the entry/exit lanes on the bridge and what is the minimal lane widths required?

A.4 The lane configuration on the entry & exit to remain as is – there is 1 entry lane and 1 exit lane. The minimum lane width shall be based on the DOT standards.

Q.5 Drawing T002.00 Note D indicates that an Add Alternate for the replacement of (4) Manholes. Please provide: Manhole size and specification

A.5 Manhole size and details are shown on Detail 7 on drawing E-802. See other details for additional work.

Q.6 Is there an MOP for replacing the Manholes?

A.6 Manhole shall be dewatered per NYC DEP, NYC code requirements and cables de-energized, temporary power provided at the facilities affected by the deenergized cable, existing cables provided with temporary supports, existing manhole demolished in place, new manhole cast in place, the existing cables supported and the cables energized.

Q.7 Will the feeders in the manholes that are being replace need to be replaced?

A.7 Based on the conditions of the feeders, if feeder replacement would be necessary, DOC will authorize feeder replacement separately. The scope for this project only includes replacement of manholes.

Q.8 How many feeders are in the Manholes that are being replaced?

A.8 Feeders vary from location to location. Scope includes only manhole replacement.

Q.9 What is the conduit specification, size and type, between the manholes?

A.9 See electrical drawings for feeder and conduit sizes where feeders are being replaced. For manhole replacement scope as included in add alternate, work includes only manhole replacement and not feeders or conduits.

Q.10 Will the cable between the manholes being replaced be required to be replaced?

A.10 See response to items 9 above.

Q.11 Will temporary feeders be required during MH replacement?

A.11 For scope related to manhole replacement indicated as add alternate, temporary feeders are not required for bid.

Q.12 Pertaining to: Addendum #4, E501, Key Note 1 Contractor notified via email by Myers Controlled Power, LLC, as follows:

The breaker specified is a legacy circuit breaker that we do not have a retrofit nor a new solution for replacement. We will have to decline this opportunity. Please advise or clarify another manufacturer that will meet NYCDOT Specifications to resolve this issue.

A.12 As per our review, such breakers are available through Myers Power Products Inc. the company that owns the Control Power Corp, the makers of the existing breakers. Please contact Mr. Eugene J. Matos of Robinson Sales Inc (Cell No. 908-487-0589/ Email eugene.matos@robinsonsales.com, the representatives for Myers for this region. As per Robinson Sales, new HVF breakers are available as replacement and can fit in the switch at the substation. This work will require retrofit work of the cell and breaker. Please note that as per Myers requirement, only trained professionals certified by Myers Electric are permitted to do this

work. One such firm suggested by Myers will be Schneider Electric (Mr. Aram Nahabedian, Tel. No. 203-410-3202/ Email: Aram.Nahabedian@us.schneider-electric.com).

The prospective contractors may reach out to Myers Power Products or Robinson Sales for further directions on retrofit work.

Please note that this information is provided to assist the bidding contractors in procuring the product and services of specialized work. However, the contractor may provide an approved equal.

Q.13 5KV cable testing requires compliance with NETA MTS which offers 3 methods of over potential testing. Can we pick one and base out bid on that?

A.13 Please see drawing T-002.00 Notes on testing for the testing method for cables.

Q.14 Many transformers on E402-404 are shown as boxes with a T inside not connected to 5KV feeders. Is that accurate?

A.15 Only transformers of substation R1, R2 require to be tested as part of the substation related testing work as indicated in the contract documents. For all other transformers, the scope will be to test the feeders up to the main disconnect switch ahead of the transformer. The transformer itself is not in scope of work.

Q.16 Will the facility disconnect cables at transformers?

A.16 Disconnection of transformers are not required due to addendum 6 drawing T-002 note on testing. If any disconnections are required at transformers for any other reason, that will be the contractor responsibility. All such disconnections and shutdowns shall be coordinated with DOC.

Q.17 Are there any means of disconnect at transformers?

A.17 Transformers are provided with disconnect switches.

Q.18 Is there a time frame for 5KV power outages during testing?

A.18 Facility cannot be without power at any time. Please see addendum #6 drawing T-002 for testing of cables without shutdowns.

Q.19 The bid form has an add alternate price for all labor and material for replacement of 4 manholes. What should we carry for bidding purposes for quantity and size of cables to be supported, type and size of splices required, quantity/type/size of conduits entering and leaving? Should we expect enough slack in the cables in order to re-use, or will new cable be required? Can we assume that the feeds to the manholes can be completely shut down for the duration of this modification, or will temporary feeders be required? If temporary feeds are required, will they require a generator, if so what size and how far from the source?

A.19 See response to item numbers 5, 6, 7, 8, 9, 10, 11.

Q.20 The Answer to Question #1 states “when there is a need for a lane closure, the contactor shall avoid such lane closures during a shift change period”. Please confirm that routing traffic to the middle lane in the road is not considered a lane closure (as there is still 1 lane of travel in each direction)

A.20 We agree, that in the event of a lane closure, the middle lane can be utilized.

Q.21 Drawing E-301 and Specification section 260513 both call out a shielded 35kV Type MV-105 cable with a copper tape shield, however Con-Edison spec requires a flat strap concentric neutral as per their EO-17 specifications. Please confirm that this cable does not need to meet the Con-Edison specification and can be the cable as shown on the drawings. Please note that this is not only a cost impact, but the Con-Ed specified 4/0 cables may not fit in the existing conduits.

A.21 See addendum #6 for alternates below.

Q.22 We are having difficulty in obtaining a quote for the replacement Vacuum Circuit Breakers. Our vendors, including the specified manufacturer, who have experience in the furnish and manufacturing of these types of Breakers have declined to bid. Below is one response from Venus Electric Supply:

“I reached out to the original manufacturer of the vacuum breaker and they turned me down. Told they do not have a OEM or replacement option for that breaker.

I also went to RESA and Circuit breaker sales both refurbish gear houses locally and they also told me no quote.

Anything I would give you would be a carry price and would not be accurate.”

I received similar responses from the other vendors. Please supply an alternate acceptable manufacturer that we could use to quote the project.

A.22 See response to item 12.

Electronically Signed by Kareem Alibocas on behalf of Ava B. Rice
Agency Chief Contracting Officer

I acknowledge receipt of this addendum.

Bidder/Company Name (Print)

Authorized Representative (Print Name)

Authorized Representative (Signature) Date