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October 25, 2013

Re: **ADDENDUM TWO - DELAWARE STATE POLICE - TROOP 3- BID PACK 1**
Dover, Delaware
2011116.00

ADDENDUM TWO

The addendum forms a part of the contract documents and modifies the original bidding documents dated, October 9, 2013, and modified by Addendum No. 1 dated 10-18-2013, as noted below.

GENERAL

The bid period has been extended.

Sealed bids for OMB/DFM Contract No. MJ450600001 – Delaware State Police – New Troop 3 – Site Work will be received by the State of Delaware, Office of Management and Budget, Division of Facilities Management in the reception area of the Facilities Management Office in the Thomas Collins Building, 504 S. DuPont Highway, Suite 1 (Third Floor), Dover, DE 19901 until 1:00 pm local time on Wednesday, November 6, 2013, at which time they will be publicly opened and read aloud in the conference room. Bidder bears the risk of late delivery. Any bids received after the stated time be returned unopened.

CLARIFICATION

The Base Bid Lump Sum Price shall include all grading, onsite soil work, addition of off-site borrow and all other associated activities to meet the proposed grades and other design considerations of the contract drawings. The Base Bid Lump Sum does not include any soil removal from the site. The Offsite Select Borrow Unit Price, added per this addendum, shall be used if future design changes require additional fill outside of the current site design.

PROJECT MANUAL

1. SECTION 004100 BID FORM

- a. REVISE For Bids Due: Until 1:00 pm (local Time) November 6, 2013.
- b. REVISE Unit Prices to include Unit Requirements
 1. Removal / Replacement of Unsatisfactory Soils - \$ / CY
 2. ½” Diameter Electrical Conduit - \$ / LF
 3. 1” Diameter Electrical Conduit - \$ / LF
 4. 4” Diameter Electrical Conduit - \$ / LF
 5. 6” Diameter Electrical Conduit - \$ / LF



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6. Miscellaneous Concrete - \$ / CY

- c. ADD Unit Price No. 7: Offsite Select Borrow Fill - \$ / 750 CY
 - d. REVISE subcontractor list, subcontractor categories to include:
 - 1. Site Work
 - 2. Concrete
 - 3. Paving
 - 4. Landscaping
 - 5. Electrical
 - 6. Directional Drilling
 - 7. Fencing
- 2. SECTION 012200 UNIT PRICES**
- a. ADD Paragraph 3.1.G – Unit Price 7: Provide and Install Offsite Select Borrow Fill
 - 1. Description: Provide and Install Offsite Select Borrow Fill according to Section 312000 “Earth Moving”
 - 2. Unit of Measurement: 750 Cubic Yard
- 3. SECTION 014000 QUALITY REQUIREMENTS**
- a. DELETE paragraph 1.2.C Related Requirements in its entirety.
- 4. SECTION 015000 TEMPORARY FACILITIES AND CONTROLS**
- a. ADD paragraph 2.2.A.8 “The contractor is required to ensure operation of field office until final project completion including the work included under Bid Pack II.”
- 5. SECTION 017419 CONSTRUCTION WASTE MANAGEMENT**
- a. ADD specification section
- 6. SECTION 017700 CLOSEOUT PROCEDURES**
- a. DELETE paragraph 1.2.B.1.
- 7. SECTION 329200 TURF AND GRASSES**
- a. EDIT paragraph 1.1.A.2.: Delete reference to sheet L-103.
 - b. ADD paragraph 1.2.A.2 Meadow Grasses and Wildflowers
 - c. ADD paragraph 1.10.A.B Initial Meadow Maintenance Service
 - d. ADD section 2.5 Meadow Grasses and Wildflowers in its entirety.
 - e. ADD section 3.10 Meadow in its entirety.
 - f. ADD section 3.11 Meadow Maintenance in its entirety.
- 8. SECTION 312000 EARTH MOVING**
- a. Add paragraph 1.3.A.3. Topsoil Redistribution



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- b. Add section 3.6 Topsoil Redistribution in its entirety.

9. SECTION 323113 CHAIN LINK FENCES AND GATES

- o Add paragraph 1.1.A.4 Swing Gates
- o Add paragraph 2.4.D

CONTRACT DRAWINGS

1. Sheet C-001 (Entire Sheet Issued)
 - a. Revised Police Station Footprint Area and Gross Floor Area in the Sewer Detail in the Building Data table.
 - b. Added Sheet C-500 and L-102 to the Sheet Index.
2. Sheet C-101 (Entire Sheet Issued)
 - a. Added Bench Mark 1 and associated information.
3. Sheet C-201 (Entire Sheet Issued)
 - a. Added one (1) van accessible ADA parking space adjacent to the Maintenance Building.
 - b. Added one (1) van accessible ADA parking space adjacent in the front parking lot.
 - c. Added one 10' wide double swing gate.
 - d. Added one 5' wide swing gate.
4. Sheet C-201-BASE (Entire Sheet Issued)
 - a. Revised gravel access lane from 6" thick to 8" thick.
 - b. Added one 10' wide double swing gate.
5. Sheet C-301 (Entire Sheet Issued)
 - a. Revised Domestic Water System Construction Note W-6 to indicate 5 required.
 - b. Revised Domestic Water System Construction Note W-10 to indicate Not In Contract.
 - c. Revised Domestic Water System Construction Note W-11 to indicate Not In Contract.
 - d. Added Domestic Water System Construction Note W-19.
 - e. Revised Gas Service Construction Note U-5 to indicate vehicle fuel pumping station Not In Contract.
 - f. Revised Electric Service Construction Note E-2 to indicate Not In Contract.
 - g. Revised Electric Service Construction Note E-3 to indicate Not In Contract.
6. Sheet C-302 (Entire Sheet Issued)
 - a. Revised Domestic Water System Construction Note W-17 to indicate soft digging is required.

- b. Revised Domestic Water System Construction Note W-17 to indicate utility owner notification is required prior to soft digging.
- 7. Sheet C-303 (Entire Sheet Issued)
 - a. Added Driveway Restoration Notes
- 8. Sheet C-305 (Entire Sheet Issued)
 - a. Revised SD-8B pipe length.
- 9. Added Sheet C-500 - Add to project drawings.
 - a. Increased project L.O.D.
 - b. Added second Temporary Stockpile Area
 - c. Revised Temporary Stockpile Area size.
 - d. Added Topsoil Redistribution Area
 - e. Revised limits of reinforced silt fence.
 - f. Revised limits of silt fence.
 - g. Added temporary sedimentation basin to rear of site including temporary swales, rip-rap chutes, rip rap overflow, pumping pit and dewatering bag.
 - h. Revised and moved Construction Schedule For Erosion and Sediment Control from sheet C-501 to C-500.
- 10. Sheet C-501 (Entire Sheet Issued)
 - a. Added a micro-pool to the temporary sedimentation basin at the inlet to SD-8B.
 - b. Added a Skimmer Dewatering Device.
- 11. Sheet C-503 (Entire Sheet Issued)
 - a. Added Temporary Sediment Pond information to the Stormwater Management Pond – Plan View.
 - b. Revised S.W.M Pond Data table, Area Information.
 - c. Revised S.W.M Pond Storage Data table, Design Elevation and Storage Information.
 - d. Revised Precast Outlet “Structure – Pond 1 detail information including 4” orifice and slab elevations.
 - e. Revised Bioswale Cross Section Detail seeding mixture and bottom widths.
- 12. Sheet C-504 (Entire Sheet Issued)
 - a. Added Skimmer Dewatering Device Details.
- 13. Sheet C-505 (Entire Sheet Issued)
 - a. Added Concrete Washout Details.
- 14. Sheet C-602 (Entire Sheet Issued)
 - a. Revised SD-1C pipe length.
 - b. Revised Catch Basin 1C Grate Elevation
- 15. Sheet C-701 (Entire Sheet Issued)



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- a. Added 590 LF of 3" SDR-11 casing pipe to the HDD.
16. Sheet C-702 (Entire Sheet Issued)
 - a. Revised Pump Station depth.
17. Sheet C-901 (Entire Sheet Issued)
 - a. Added Gravel Access Lane Detail.
18. Sheet C-902 (Entire Sheet Issued)
 - a. Revised Artesian Domestic Water Service Detail.
19. Sheet C-903 (Entire Sheet Issued)
 - a. Revised Pump Station Access Apron Detail.
 - b. Revised Accessible Ramp Detail.
20. Sheet C-904 (Entire Sheet Issued)
 - a. Revised Sewer System Quantities in the Kent County Department of Public Works-
General Utility Construction Notes.
21. Sheet L-101 - Replace sheet in its entirety.
22. Sheet L-102 – Add to the project drawings.
23. Sheet E-20 – Replace sheet in its entirety.
24. Sheet E-21 – Replace sheet in its entirety.
25. Sheet E-22 – Replace sheet in its entirety.
26. Sheet E-20 – Replace sheet in its entirety.
27. Sheet M-100 – Add to project drawings.

BIDDER QUESTIONS & RESPONSES

- 1) *Please reference the force main discharge manhole detail on plan sheet C-904. The coating system specified in Note 1 requires a 28 day cure on the concrete and sand blasting for surface preparation. The first coat is a trowel grade epoxy, then 2 coats rolled on. This system will have to be field applied by a painting subcontractor and is typically used for pump station wet well coating. Can we substitute the material identified in the attached data sheet? The precast manhole manufacturer will apply this at their plant.*

Kent County Public Works has indicated they would approve the product contingent upon the following:

- Contractor can provide written confirmation of the products successful use in similar sanitary sewer concrete protection situations.
- Contractor can provide three local contacts where they have used the product successfully.
- Contractor provides a three (3) warranty for the product and structure in which it is



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utilized.

As KCPW's approval is conditional, Bidders may substitute the material for bidding purposes at their own risk. If KCPW does not end up approving the material, the spec'd coating must be provided at no additional cost to the owner.

2) *Please clarify the scope of work regarding the site electrical package.*

The contractor is responsible for providing and installing all underground conduits including pull strings/cables, boxes, structures, and other elements/equipment as identified within the contract documents. Wiring, devices, transformer, generator, site light poles and fixtures will be provided under the future Bid Pack II except for pump station to pump station control panel wiring. Access control, cameras, and fuel station equipment will be provided under future Bid Pack II. Coordination with Bid Pack II and other trades is required pursuant to Division 01, section "Summary".

3) *Are there liquidated damages associated with this project?*

Refer to Section 008113 General Requirements, Paragraphs 8.5 and 9.1.1

Per paragraph 9.1.1: there will be a 5% retainage on all Contractors' monthly invoices until the completion of the project.

Per paragraphs 8.5.1 and 8.5.2: If the project is delayed beyond the completion date due to the contractors failure to meet their responsibilities, the Agency may forfeit, at its discretion, all or part of the Contractor's retainage.

4) *Ref Section 014000-1, under para C it indicates an allowance for testing and inspection is found in Section 012000. Section 012000 is not in our bid documents. Please clarify.*

Delete paragraph 1.2.C Related Requirements in its entirety from specification section 014000 Quality Requirements. See this addendum for clarification.

5) *Is Quality Control on the project Contractor Responsibility?*

Yes, contractor(s) are required to comply with Section 014000 Quality Requirements for requirements.

6) *Please clarify what will be included as part of owner furnished field office (Section 015000-3). What happens when we are done with our work?*

Refer to Section 015000 Temporary Facilities and Controls, Paragraph 2.2.A: Owner to provide a mobile unit for use by contractor for duration of construction activities. Contractor responsible to keep office clean and orderly, as well as furnish and equip office as follows (refer to sub-



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paragraphs 2.2.A.1-7.

The contractor is required to ensure operation of field office until final project completion including the work included under Bid Pack II. See this addendum for clarification.

7) *Section 017700-1 references Section 013233, photographic documentation. That section is not part of our contract documents. Please clarify.*

Delete paragraph 1.2.B.1 from specification section 017700 Closeout Procedures See this addendum for clarification.

8) *At what elevation does the Sitework contractor leave proposed Building 1 and proposed maintenance Building 2?*

Finished floor minus eight (8) inches.

9) *Section 017419 is not included in our bid documents. Is it supposed to be?*

Section 017419 "Construction Waste Management" included as part of this addendum.

10) *On Print E-20, at several locations are shown Quazite Boxes with dotted line and arrow. Where do these conduit runs go?*

The conduit duct banks are to stop approximately 5'-0" from the building. Cap the ends of the conduits. Provide a wooden stake to identify the end of the duct bank. Termination locations have been revised per the sheets reissued in Addendum #2.

11) *On Print E-21, similar issue. Where do conduits duct banks stop?*

The conduit duct banks are to stop approximately 5'-0" from the building. Cap the ends of the conduits. Provide a wooden stake to identify the end of the duct bank. Termination locations have been revised per the sheets reissued in Addendum #2.

12) *Also, on Print E-21, location of Delmarva Utility Pole? New or existing?*

Both existing and proposed relocated power pole locations are depicted. Verify relocated power pole locations with Delmarva Power.

13) *Print E-20, Solid dark line outside entrance of Building 1. Is there a designation for dots shown. i.e. are they a fixture base type.?*

The dots are bollard type light fixtures. They have not been selected at this time, are not in this contract and will be installed under Bid Pack 2.



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14) Are anchor bolts for pole bases furnished by others?

The light poles and anchor bolts will be purchased by the bid pack 2 electrical contractor. The Bid Pack 2 electrical contractor will give the anchor bolts to the bid pack 1 electrical contractor for installation.

15) Tentative or proposed start date?

December, 2013.

16) Please refer to number 14 on the Contractor Responsibility form. Does this apply to any subcontractor or just the subcontract categories determined at the pre-bid meeting? There will be additional subcontractors such as pavement markings, signage, jack & bores and turf establishment. Other bidders may even have more subcontract categories. We are not having any luck finding subcontractors that participate in a Class A Apprenticeship Program. Most local subcontractors are not willing to participate in a Class A Apprenticeship Program for various reasons. We request that you provide us with a list of subcontractors, for each category, that participate in a Class A Apprenticeship Program.

RFI #16 will be addressed in Addendum #3.

17) See spec section 004513, item number 8; Do employees have to have completed the OSHA 10 hour training prior to the bid date or can they have it completed prior to bid award?

The requirement applies before craft labor works on the site and doesn't specify completion prior to bid.

18) See spec section 004513, item number 14; Do subcontractors have to also comply with the requirements of item 10, the apprenticeship program?

The requirement for OSHA 10 hour training applies to all labor that will be employed on the project. The requirement applies before craft labor works on the site and doesn't specify completion prior to bid. All listed subcontractors, as listed on the bid form, must comply with the apprenticeship program and submit a Contractor Responsibility Certification form.

19) Currently both the prime contractor and all subs are required to be participating in a Class A Apprenticeship program. In addition, the water line is to be installed by an Artesian approved contractor. Please identify all Artesian approved contractors that participate in the Class A Apprenticeship program.

Contact Artesian Water Company for the currently approved pipeline contractors list and to determine the process and timeline required to become an AWC approved contractor.

20) What is the time for project completion?

Refer to specification section 011000 Summary, paragraph 1.5 Construction Schedule

A. The Work shall be conducted in one phase Copy and re-edit first subparagraph below for each phase required. See Evaluations for model text.

1. Project Schedule: Contractor shall coordinate construction schedule with Bid Pack II – Buildings Contractor.
2. Estimated Date of Substantial Completion: 14-17 months from notice to proceed.
3. Final Date of Substantial Completion: Upon award of Bid Pack II – Buildings, contractor shall coordinate final date of substantial completion with separate contract. A change order to clarify final date of substantial completion will then be executed.

21) *They are calling for a “Stainless Steel” cabinet for the operator which will add approx. \$3000.00 alone to the cost. This is complete over-kill and not needed. The cabinets are typically galvanized steel. Is galvanized steel acceptable?*

Cabinet shall be stainless steel.

22) *I just wanted to clarify what I interpreted in Addendum #1. If the contractor does not currently have a Class A Apprenticeship Program in place they cannot bid on this project? Dixie currently does not have one in place and I see George & Lynch does not have one either according to their question. The contractors have already had to go through pre-qualifications in order to bid this project and none of this was mentioned in the annual or supplemental pre-quals.*

RFI #22 will be addressed in Addendum #3.

23) *Can you please confirm how they want the bid bond percentage worded? It is the same amount wise, but worded slightly different from the Advertisement for Bids to the Instructions to Bidders. We always want to make sure when it is worded differently. Advertisement states “ten percent of the bid amount and all additive alternates” Instructions states “10% of the bid plus all add alternates”*

Provide Bid Bond in accordance with language of the specification section 002113 Instructions to Bidders

24) *The answer to question 5 in addendum 1 indicates that inverts have been provided for required crossings. We disagree and specifically need inverts of the existing 6" gas line and 36" force main at the jack & bore under South State Street. We also need the invert of the existing 4" gas line at the jack & bore on Banning Road. These invert elevations are crucial for us to determine the depths of jacking and receiving pits.*



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Depths are not available for the 4” and 6” gas crossings and the 36” force main crossing. Contractor is required to contact the utility owner and soft dig at these locations to determine depths.

25) Please refer to number 14 on the Contractor Responsibility form. Does this apply to any subcontractor or just the subcontract categories determined at the pre-bid meeting? There will be additional subcontractors such as pavement markings, signage, jack & bores and turf establishment. Other bidders may even have more subcontract categories. We are not having any luck finding subcontractors that participate in a Class A Apprenticeship Program. Most local subcontractors are not willing to participate in a Class A Apprenticeship Program for various reasons. We request that you provide us with a list of subcontractors, for each category, that participate in a Class A Apprenticeship Program.

RFI #25 will be addressed in Addendum #3.

Attachments

SECTION 004100 BID FORM
SECTION 012200 UNIT PRICES
SECTION 014000 QUALITY REQUIREMENTS
SECTION 015000 TEMPORARY FACILITIES AND CONTROLS
SECTION 017419 CONSTRUCTION WASTE MANAGEMENT
SECTION 017700 CLOSEOUT PROCEDURES
SECTION 312000 EARTH MOVING
SECTION 323113 CHAIN LINK FENCES AND GATES
SECTION 329200 TURF AND GRASSES

Contract Drawing Sheets C-001, C-101, C-201, C-201-BASE, C-301, C-302, C-303, C-305, C-500, C-501, C-503, C-504, C-505, C-602, C-701, C-702, C-901, C-902, C-903, C-904, L-101, L-102, E-20, E-21, E-22, M-100

END OF ADDENDUM TWO

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