

RFQ COPY

1720 Metropolitan Street

TYPE NAME/ADDRESS HERE

Mascaro Construction Company, L. P.

Pittsburgh, Pennsylvania 15233

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

DEFK10017

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

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GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.

3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division

and have paid the required \$125 fee.

- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
- 5. Payment may only be made after the delivery and acceptance of goods or services.
- 6. Interest may be paid for late payment in accordance with the West Virginia Code.
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern the purchasing process.
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable verify that the vendor is licensed and in good standing with the above entities. the director or spending unit to
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130 Charleston, WV 25305-0130

Request for Quotation

DEFK10017

BUYER 32 304-558-2544

DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

Address correspondences o attention or ...

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099 304-341-6368

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BUYER 32 304-558-2544

DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

ADDRESS CORRESPONDENCE TO ATTENTION OF

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099 304-341-6368

FREIGHTTERMS F,O,B SHIP VIA DATE PRINTED TERMS OF SALE 03/25/2010 04/22/2010 05/05/2010 per Addendum #4 BID OPENING TIME 01:30PM BID OPENING DATE: CAT, UNITPRICE AMOUNT LINE QUANTITY: ITEM NUMBER ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT: SUCCESSFUL VENDOR SHALL FURNISH PROOF (XX) INSURANCE: OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO UNLESS OTHERWISE SPECIFIED IN ISSUANCE OF CONTRACT. THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000. SUCCESSFUL VENDOR SHALL (XX) BUILDERS RISK INSURANCE: FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT. FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF (XX) BONDS: THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE A LETTER OF CREDIT SUBMITTED STATE OF WEST VIRGINIA. IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCECPTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND. A TWO (2) YEAR MAINTENANCE BOND (XX) MAINTENANCE BOND: COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR. REV. 11/00 EXHIBIT 7 SEE REVERSE SIDE FOR TERMS AND CONDITIONS TELEPHONE Jeffrey M. Mascaro 412/321-4901 5/5/2010 ADDRESS CHANGES TO BE NOTED ABOVE

25-1800002

Vice President & COO



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25311-1099 304-341-6368

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FOB. FREIGHT TERMS SHIP VIA DATE PRINTED TERMS OF SALE: 03/25/2010 **94** ≠ 22 ≠ 29 1 0 05/05/2010 per Addendum #4 BID OPENING TIME 01:30PM BID OPENING DATE: AMOUNT UNIT PRICE LINE QUANTITY ITEM NUMBER ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL. REV. 3/88 PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS EXCEPT WHEN AUTHORIZED BY THE DIRECTOR OF THE PURCHASING DIVISION PURSUANT TO SUBSECTION 2 BELOW, NO CONTRACTOR MAY USE OR SUPPLY STEEL PRODUCTS FOR A STATE CONTRACT PROJECT OTHER THAN THOSE STEEL PRODUCTS MADE IN THE UNITED STATES. AS USED USED IN THIS CONTRACT, "STATE CONTRACT PROJECT" MEANS ANY ERECTION OR CONSTRUCTION OF, OR ANY ADDITION TO, ALTERATION OF OR OTHER IMPROVEMENT TO ANY BUILDING OR STRUCTURE, INCLUDING, BUT NOT LIMITED TO, ROADS OR HIGHWAYS, OR THE INSTALLATION OF ANY HEATING OR COOLING OR VENTILATING PLANTS OR OTHER EQUIPMENT, OR THE SUPPLY OF AND MATERIALS FOR SUCH PROJECTS, PURSUANT TO A CONTRACT WITH THE STATE OF WEST VIRGINIA FOR WHICH BIDS WERE SOLICITED ON OR AFTER JUNE 6, 2001. "STEEL PRODUCTS" MEANS PRODUCTS ROLLED, FORMED, SHAPED, DRAWN, EXTRUDED, FORGED, CAST, FABRICATED OR OTHERWISE SIMILARLY PROCESSED, OR PROCESSED BY A COMBINATION OF TWO OR MORE OF SUCH OPERATIONS, FROM STEEL MADE BY THE OPEN HEARTH, BASIC OXYGEN, ELECTRIC FURNACE, BESSEMER OR OTHER STEEL MAKING PROCESS. "UNITED STATES" MEANS THE UNITED STATES OF AMERICA AND INCLUDES ALL TERRITORY, CONTINENTA SEE REVERSE SIDE FOR TERMS AND CONDITIONS DATE 5/5/2010 412/321-4901 Jeffrey M. Mascaro ADDRESS CHANGES TO BE NOTED ABOVE 25-1800002 ce President & COO



VENDOR

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1720 Metropolitan Street

Pittsburgh, Pennsylvania 15233

TYPE NAME/ADDRESS HERE

Mascaro Construction Company, L. P.

State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

DEFK10017

PAGE 8

ADDRESS CORRESPONDENCE TO ATTENTION OF

BUYER 32 304-558-2544

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099 304-341-6368

TERMS OF SALE SHIP VIA FOB FREIGHT TERMS DATE PRINTED 03/25/2010 **BID OPENING DATE:** 04/22/2010 05/05/2010 per Addendum #4 BID OPENING TIME 01:30PM CAT NO ITEM NUMBER UNITPRICE AMOUNT LINE QUANTITY UOP THE ARCHITECTIENGINEER SHALL PREPARE THE ADDENDUM (1)AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE THE ARCHITECT/ENGINEER SHALL ALS PURCHASING DIVISION. SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED. THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID OPENING DATE. (3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL SUBMITTED TO THE STATE PURCHASING BIDDERS AND REGULATIONS DIVISION. THE SAME RULES AND THE ORIGINAL BIDDING DOCUMENT THAT APPLY TO SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE. REV. 11/96 EXHIBIT 10 ADDENDUM ACKNOWLEDGEMENT I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC. ADDENDUM NOS .: SEE REVERSE SIDE FOR TERMS AND CONDITIONS Jeffrey M. Mascaro 5/5/2010 412/321-4901 FEIN ADDRESS CHANGES TO BE NOTED ABOVE ce President & COO 25-1800002



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1720 Metropolitan Street

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Pittsburgh, Pennsylvania 15233

State of West Virginia
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Request for Quotation

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

1707 COONSKIN DRIVE CHARLESTON, WV

25311-1099 304-341-6368

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State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

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Mascaro Construction Company, L. P. 1720 Metropolitan Street
Pittsburgh, Pennsylvania 15233

DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099 304-341-6368

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099 304-341-6368

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DATE PRINTED

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

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Request for Quotation

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Mascaro Construction Company, L. P.
1720 Metropolitan Street
Pittsburgh, Pennsylvania 15233

DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

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WVARNG Fairmont Armed Forces Readiness Center BID FORM - SECTION I (Base Bid and Alternates) Revised 27 April 2010

| Dated: May 5, 2010 (Bidder to insert date bid submitted) |
|--|
| SUBMITTED BY: |
| Mascaro Construction Company, L. P. (Hereinafter called "Bidder") |
| West Virginia Contractor's License Number: WVw034136 |
| SUBMITTED TO: |
| The State of West Virginia (hereinafter called "Owner") |
| The Bidder, being familiar with local conditions affecting the cost of the Work and the contract documents, including Instructions to Bidders, Bid Form, General Conditions, Drawings, Specifications, and any Addenda or Clarifications issued, hereby proposes to furnish all material, labor, tools, taxes, transportation and expendable equipment and all service necessary to complete in a workman like manner all the work required for: |
| The Fairmont Armed Forces Reserve Center West Virginia Army National Guard Fairmont, Marion, West Virginia |
| All in accordance with the Drawings and Specifications as prepared by Omni Associates-Architects, Inc., 1543 Fairmont Avenue, Fairmont, West Virginia 26554 (304)367-1417. |
| |
| BASE BID: |
| For the Sum of: TWENTY THREE MICHON NINE HUNDRED |
| NINETY NINE THOUSAND FLORET HUNDRED FIFTY |
| TWO DOLLARS AND KXX (\$ 23,999,852.00) |
| (The Base Bid includes the summation of items as described in Section II of the Bid |
| Form.) |
| WVARNG-Fairmont AFRC BF-1 |

Omni Project No. 20823

ALTERNATES:

The stated base bid is subject to the following additions for Alternates which the Owner may select. ('Provide' means 'furnish and install.' Include in bids below all related coordination and modification requirements associated with the Work of each Alternate.) The Owner shall have the option to accept alternates at the bid price by Change Order to the Contract for a period of 120 days after the contract award.

Refer to Section 012300 entitled "Alternates" for description of Alternates (Amount to be shown in both words and numbers.):

Alternate No. 1: Phase 2 Earthwork ADD the sum of: Two HUNDRED EIGHTY THREE THOUSAND FIVE HUNDRED THIRTY DOWARS 0/xxy (\$ 283,530.00). Alternate No. 2: Military Equipment Parking Expansion ADD the sum of: Two HUNDRED THIRTEEN THOUSAND FOOK HUNDRED BIGHTY DOCLARS 00/XXX(\$ 213,480.00). Alternate No. 3: Field Fencing ADD the sum of: THINTY SIX THOUSAND EIGHT HUNDRED TWENTY FIVE NOWARS - 00/XXX (\$ 36, 825.00). Alternate No. 4: Civic Arena Parking Area ADD the sum of: NINE HUNDARD NINETERN THOUSAND FOUR HUNDRED THIRTY WINE DOWNES SAR 919,439.00). Alternate No. 5: Fencing and Gate Upgrade ADD the sum of: EIGHT THOUSAND SEVEN HUNDINED 00/xxx (\$ 8,700.00).

| Alternate No. 6: Vestibule A100 NINETY |
|--|
| ADD the sum of: ONE HUNDRED ENGLED FOOR THOUSHED |
| DOCLARS - 00/XXX (\$ 194,000.00). (JMM) |
| Alternate No. 7: Landscaping |
| ADD the sum of: THINTY THOUSAWD DOCLARS AND |
| . OO/XXX (\$ 30,000.00). |
| Alternate No. 8: Kitchen Equipment |
| ADD the sum of: Two HUNNER FIFTY FOR THOUSAND DOCLARS |
| 4WO - 00/XXX (\$ 254,000.00). |
| Alternate No. 9: Generator and Switchgear Sized for Additional Emergency Power |
| ADD the sum of: FIVE THOUSAND FIVE MUNDARD |
| DOCUMENTS AND - OU/ANG \$ 5,500.00). |
| Alternate No. 10: Make-Up Air Unit for the Maintenance Building |
| ADD the sum of: THILTY FOUR THOUSAND ONE HONDINED |
| DOCUMES AND - 00/xxx(\$ 34,100.00). |
| Alternate No. 11: Warm-Up Kitchen Equipment |
| ADD the sum of: THIRTY SIX THOUSAND DOCLARS |
| ANO (\$ 36,000:00). |
| Alternate No. 12: Telescoping Stands (sections B, E & F) |
| ADD the sum of: Two HUNDRED SIXTY SIX THOUSAND |
| DOC(ANS - /XXX (\$ 266,000.00). |

| Alternate No. 13: Telescoping Stands (sections A & C) |
|---|
| ADD the sum of: Structy SIX Thousand Pachels |
| HWO - 00/XXX (\$ 76,000.00). |
| Alternate No. 14: Telescoping Stands (sections D & G) |
| ADD the sum of: Eloute SIX TMOUSIAND POCCUAUS |
| MWD 00/XXX (\$ 86,000.00). |
| Alternate No. 15: Entrance Signs |
| ADD the sum of: TWKWTY FOUR THOUSHWO POLLHAS |
| MWO - 00/XXX (\$ 24,000.00). |
| Alternate No. 16: Floor Boxes in Assembly Hall |
| ADD the sum of: FIRE THOUSAND TWO HUMBINED |
| MOLIANS AWD - 00/xxx (\$ 5,200.00). |
| Alternate No. 17: Sound System in Assembly Hall |
| ADD the sum of: TWINTY SIX TWOUSAND POCLIANS |
| AND 00/XXX (\$ 36,000-00). |
| Alternate No. 18: Projection Screen in Assembly Hall |
| ADD the sum of: Bon Thousand Seven MUNDINER |
| DOCCARS AND - 0/xxx (\$ 4,700.00). |
| Alternate No. 19: Wood Athletic Flooring |
| ADD the sum of: ONE HUNDRED TWENTY FOUR |
| TROUSAND DOCUMES AND 0/xxx(\$ 124,000.00). |

| Alternate No. 20: Lightning Protection | | | | | | | | |
|--|---|--|--|--|--|--|--|--|
| ADD the sum of: FIFTY THINK | E THOUSAND MOCCHUS | | | | | | | |
| ANO - | /xxx (\$ 53,000.00). | | | | | | | |
| Alternate No. 21: Additional Data Jacks | | | | | | | | |
| ADD the sum of: SEVENTY A | UE THOUSAND DOCLARS | | | | | | | |
| AWD - | 800/xxx(\$ 75,000.00). | | | | | | | |
| • | | | | | | | | |
| If awarded contract on Base Bid, I (we) agree to perform the work to Substantial Completion and Beneficial Occupancy no later than 1 September 2011 . In addition to liquidated damages specified in Federal Guidelines, General Provisions 54, an additional fee of \$1,250.00 per day to cover expenses to the Government will be assessed. Total liquidated damages are \$2,750.00 first day and \$1,500.00 per day thereafter for work not completed after contract completion date. | | | | | | | | |
| For the purpose of this contract, one calendar day is counted from midnight to midnight and also any part of that 24-hour day period shall be counted as one calendar day. The Bidder certifies that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this bid with any other bidder or with any competitor. The Bidder agrees that the Owner reserves the right to reject any or all bids, and to waive any formalities in the bidding. The Bidder agrees that this bid shall be good and binding and may not be withdrawn for a period of 90 days. | | | | | | | | |
| The Bidder acknowledges receipt of the date.) | e following Addenda: (Please list by number and | | | | | | | |
| #1 4/13/2010 #2 4/21/2010 #3 4/23/1010 | <u>#4 4/27/2010</u> | | | | | | | |
| SIGNATURE OF BIDDER: | | | | | | | | |
| Firm: Mascaro Construction Company, L. P. | By: Mascaro | | | | | | | |
| Address: 1720 Metropolitan Street | Title: Vice President & Chief Operating Officer | | | | | | | |
| Address: Pittsburgh, PA 15233 | Phone: 412/321-4901 | | | | | | | |
| Address: | Fax: 412/321-4903 | | | | | | | |
| Tax Cert#: 25-180002 | | | | | | | | |

END OF SECTION I

BID FORM - SECTION II - (Unit Prices) Revised 22 April 2010

The costs indicated below are included in, and are a breakdown of, the Base Bid. In the event the total segregated prices shown below differ from the Base Bid indicated above, the Base Bid will govern.

In the event that unit quantities stated below differ from quantities required for completion of the Work, unit costs as stated below shall be the basis of adjustments in Contract Sum, in accordance with Contract Conditions, Section 012200 – Unit Prices.

| tem No. | Quantity | Description | Unit | Unit Price | Amount | | | | |
|---------------------------------|---------------|---|------|------------|--------------|--|--|--|--|
| Seneral Contract Administration | | | | | | | | | |
| 1 | 1 | Armed Forces Reserve Center (Zones A, B, C) | LS | 13,670,000 | 13,670,000 | | | | |
| 2 | 1 | Maintenance Building (Zone D) | LS | 1,027,600 | 1,027,000 | | | | |
| 3 | 1 | Mobilization/Demobilization | LS | 1,000,000 | 1,000,000 | | | | |
| 4 | 1 | General Administration | LS | 218,253 | 218, 253 | | | | |
| 5 | 1 | Project Quality Control | LS | 256,290 | 256,290 | | | | |
| Site Ger | neral Contrac | et Administration | | | | | | | |
| 6 | 1 | Sitework Mobilization/Demobilization | LS | 50,000 | 50,000 | | | | |
| 7 | 1 | Sitework General Administration | LS | 50,000 | 50,000 | | | | |
| 8 | 1 | Sitework Project Quality Control | LS | 70,000 | 70,000 | | | | |
| 9 | 1 | WVDOH Encroachment Permit (Allowance No. 2) | LS | 10,000 | \$10,000.00 | | | | |
| Site Pre | paration | | | | | | | | |
| 10 | 1 | Site Preparation | LS | 315,300 | 315,300 | | | | |
| 11 | 1 | Gas Line Relocation (Allowance No. 3) | LS | 200,000 | \$200,000.00 | | | | |
| 12 | 1 | Sediment and Erosion Control | LS | 2101000 | 210,000 | | | | |
| 13 | 3 | Sediment Pond | EΑ | 36,000 | 78,000 | | | | |
| 14 | 10 | Waste Removal | TN | 54.00 | 540.00 | | | | |

| Earthwor | k | | | | |
|----------|---------|--------------------------------------|----|---------|---------------|
| 15 | 442,000 | Unclassified Excavation | CY | a.80 | 1, 237, 600 |
| 16. | 1 | 6" Lean Concrete Mat | LS | 326,400 | 396,400 |
| 17 | 1 | Waterproof Coating | LS | 338°000 | 338,000 |
| 18 | 15,000 | Subgrade Preparation | SY | 8.70 | 130,500 |
| 19 | 300 | Soil Drying | TN | 285.w | <u>85,500</u> |
| 20 | 3,000 | Soil Conditioning-12" | sy | 13.00 | 39,000 |
| 21 | 1,000 | Soil Conditioning-18" | SY | 32.00 | 32,000 |
| 22 | 3,000 | Over-Excavation | SY | 32.∞ | 96,000 |
| 23 | 2,300 | 6" Subsurface Drains | LF | 16.00 | 36,800 |
| 24 | 1,700 | 8" Subsurface Drains | LF | 17-00 | 28,900 |
| Roads | | | | | |
| 25 | 13,000 | 7" Concrete Paving | SY | 50.00 | \$ 50,000 |
| 26 | 1,070 | HMA Wearing Course | TN | 20.00 | 90,950 |
| 27 | 4,420 | HMA Base Course | TN | 82.00 | 362,440 |
| 28 | 5,800 | Free Draining Base | TN | 70.00 | 406,000 |
| 29 | 5,040 | Free Draining Base Trench and Piping | LF | 24.00 | 120,960 |
| 30 | 25,900 | Fabric Separation | SY | 1.25 | 38,375 |
| 31 | 4,500 | Class 1 Stone | TN | 24.00 | 108,000 |
| 32 | 1 | Pavement Marking | LS | 10,000 | 10,000 |
| 33 | 163 | Wheel Stops | EA | 313.00 | |
| 34 | 1,400 | Concrete Curbing | LF | 39,00 | _ |
| 35 | 1 | Signage | LS | 4,600 | 4,600 |
| 36 | 170 | Grass Pavers | SY | 64.00 | |

| | | | | · | | | | | | |
|-----------|---------------|----------------------------------|----|---------|-----------|--|--|--|--|--|
| 37 | 730 | Gravel Road | LF | 66.00 | 40,150 | | | | | |
| Miscellar | Miscellaneous | | | | | | | | | |
| 38 | 400 | Screening Berm | LF | 12.00 | 4,400 | | | | | |
| 39 | 1,500 | Sidewalk | SY | 77.00 | 115,500 | | | | | |
| 40 | 1 | Type I Lawn | LS | 10,800 | 10,800 | | | | | |
| 41 | 1 | Type II Lawn | LS | 10,800 | 10,800 | | | | | |
| 42 | 1 | Type III Ground Cover for Slopes | LS | 10,800 | 10,800 | | | | | |
| 43 | 2 | Force Protection Gate | EA | 29,000 | 58,000 | | | | | |
| 44 | 3 | 24' Sliding Gate | EA | 5,800 | 17,400 | | | | | |
| 45 | 2 | 16' Swing Gate | EA | 2300 | 4,400 | | | | | |
| 46 | 1,140 | Security Fencing | LF | 20,00 | 29,640 | | | | | |
| 47 | 1 | Concrete Stairs | LF | 1,220 | 1,220 | | | | | |
| 48 | 2 | 40' Flagpole | EA | 5,000 | 10,000 | | | | | |
| 49 | 800 | Retaining Wall | LF | 284 | 227,200 | | | | | |
| 50 | 45 | Loading Dock Wall | LF | 35B | 16,110.00 | | | | | |
| 51 | 1 | Vehicle Wash System | LS | 31,380 | 31,330 | | | | | |
| 52 | 1 | Oil/Water Separator | EA | 61,400 | 61,400 | | | | | |
| 53 | 1 | Loading Ramp | LS | 111,200 | 111,200 | | | | | |
| 54 | 30 | Bollards 8" | EA | 1,440 | 431200 | | | | | |
| 55 | 20 | Bollards 12" | EA | 2,760 | 55,200 | | | | | |
| 56 | 15 | Bollards Removable | EA | 2,675 | 40,125 | | | | | |
| 57 | 1 | Trash Enclosure | LS | 33,100 | 22,100 | | | | | |
| Water | | | | , | | | | | | |
| 58 | 20 | 2"Restrained Joint PVC | LF | 40.00 | 980.00 | | | | | |
| · | | | | | | | | | | |

| | | | · | |
|--|--|-----|--|---------------------|
| 160 | 2" PVC Water | LF | 40.00 | 6,400 |
| 330 | 4" PVC Water | LF | 40.00 | 13,200 |
| 1,400 | 6" PVC Water | LF | 42.00 | 58,800 |
| 200 | 6" DIP Water | LF | 49.00 | 9,800 |
| 200 | 8" PVC Water | LF | 49.00 | 9,800 |
| 800 | 12" PVC Water | LF | 58-00 | 46,400 |
| 600 | 12" DIP Water | LF | 70.00 | 42,000 |
| 1 | PIV | EA | 3,300 | 3,300 |
| 4 | Fire Hydrant | EA | 4,900 | 19,600 |
| 1 | Water Vault | EA | 43,100 | 43,100 |
| And the second s | | | | |
| 120 | Manholes, Sanitary Sewer | VF | 270.00 | 32,400 |
| 17 | Frame and Cover, Sanitary Sewer | EA | 380.00 | 6,460 |
| 1,250 | 6" PVC Sanitary Sewer | LF | 39.00 | 48,750 |
| 1,400 | 8" PVC Sanitary Sewer | LF | 43.00 | 60,200 |
| 3 | Cleanout, Sanitary Sewer | EA | 540.00 | 1,620 |
| ctensions | | | | · |
| 1,200 | HMA Wearing Course | TN | 95.00 | 102,000 |
| 30 | 8" DIP Water | LF | 61.00 | 1,830 |
| 1,200 | 12" DIP Water | LF | 74.00 JW | 91,200 |
| 1 | Fire Hydrant | EA | 5,400 | 5,400 |
| 35 | Manholes, Sanitary Sewer | VF | 270 | 9,450 |
| 5 | Frame and Cover, Sanitary Sewer | EA | 380 | 1,900 |
| 1,560 | 8" PVC Sanitary Sewer | LF | 45.00 | 70,206 |
| | 330 1,400 200 200 800 600 1 4 1 120 17 1,250 1,400 3 ctensions 1,200 30 1,200 1 35 5 | 330 | 330 4" PVC Water LF 1,400 6" PVC Water LF 200 6" DIP Water LF 200 8" PVC Water LF 800 12" PVC Water LF 600 12" DIP Water LF 1 PIV EA 4 Fire Hydrant EA 1 Water Vault EA 120 Manholes, Sanitary Sewer VF 17 Frame and Cover, Sanitary Sewer LF 1,250 6" PVC Sanitary Sewer LF 3 Cleanout, Sanitary Sewer EA ctensions 1,200 HMA Wearing Course TN 30 8" DIP Water LF 1,200 12" DIP Water LF 1 Fire Hydrant EA 35 Manholes, Sanitary Sewer VF 5 Frame and Cover, Sanitary Sewer EA | 330 4" PVC Water |

| 75 | 850 | Street Repair | LF | 46.00 | 39, 100 | |
|----------------|-------|------------------------------|-----|--------|---------|--|
| 76 | 4 | Service Connections | EA | 3,300 | 13,200 | |
| GAS | | | | | | |
| 77 | 630 | 2" Gas Service Lines | LF | 32.00 | 20,160 | |
| 78 | 700 | 6" Gas Service Lines | LF | 37.∞ | 25,900 | |
| Storm Drainage | | | | | | |
| 79 | 800 | 6" PVC Storm | LF | 30.00 | 24,000 | |
| 80 | 780 | 8" PVC Storm | LF. | 36.00 | 28,080 | |
| 81 | 900 | 12" PVC Storm | LF | 42.00 | 37,800° | |
| 82 | 1,000 | 12" HDPE Storm | LF | 40.00 | 40,000 | |
| 83 | 2,000 | 18" HDPE Storm | LF | 53.00 | 106,000 | |
| 84 | 1,400 | 24" HDPE Storm | LF | 64.00 | 89,600 | |
| 85 | 1,160 | 42" HDPE Storm | LF | 106.00 | 122,960 | |
| 86 | 1,200 | Type 1 Ditch | LF | 74.00 | 08,800 | |
| 87 | 200 | Type 2 Ditch | LF | 54.00 | 10,800 | |
| 88 | 1,800 | Type 4 Ditch | LF | 16.00 | 28,800 | |
| 89 | 3,000 | Type 5 Ditch | LF | 9.00 | 27,000 | |
| 90 | 4 | Junction Box | EA | 2,700 | 10,800 | |
| 91 | 1 | 42" Junction Box | EA | 3,800 | 3,000 | |
| 92 | 2 | Modified Junction Box | EA | 4,900 | 9,800 | |
| 93 | 35 | Type "B" Drop Inlets | EA | 2,500 | 87,500 | |
| 94 | 35 | Type "B" Inlet Grate & Frame | EA | 280.00 | 9,800 | |
| 95 | 2 | Type "G" Drop Inlets | EA | 3,800 | 7,600 | |
| 96 | 2 | Type "G" Inlet Grate & Frame | EA | 2,400 | 5,200 | |

| | | | - | | |
|-----------|--------------|---------------------------------|--|--|-----------|
| 97 | 1 | Modified Inlet | EA | 3,000 | 3,800 |
| 98 | 1 | Modified Grate & Frame | EA | 431.00 | 431.00 |
| 99 | 10 | 10" Yard Drains | EA | 1,100 | 11,000 |
| 100 | 12 | 12" In-Line Inlets | EA | 810.00 | 9,720 |
| 101 | 40 | Trench Drain and Grate | LF | 162.00 | 6,480 |
| 102 | 3 | Concrete Headwall | EA | 2400 | 7200 |
| ower ar | nd Communic | cations | | | |
| 103 | 20 | Electrical Duct Bank Type 1 | LF | 77.00 | 1,540 |
| 104 | 43 | Electrical Duct Bank Type 2 | LF | 5 <u>%</u> 2.∞ | 25,026 |
| 105 | 62 | Electrical Duct Bank Type 3 | LF | 180.00 | 11,160 |
| 106 | 36 | Communications Duct Bank Type 1 | LF | 96.00 | 3,456 |
| 107 | 1,640 | Combined Duct Bank Type 1 | LF | 112.00 | 183,680 |
| 108 | 1 | Transformer Pad | LS | 1,450 | 1,450 |
| 109 | 1 | Emergency Generator Pad | LS | 3200 | 3,200 |
| 110 | 1 | JICCS Pad | LS | 7, 900 By 400 St | 3,800 m |
| | | | | Bid Total | 23,999,85 |
| | ALTERNAT | E BID ITEM #1-Phase 2 Earthwork | | | |
| Alternate | e Bid Item # | 1-Phase 2 Earthwork | Annual Annua | and the second s | |
| 15 | 98,000 | Unclassified Excavation | CY | २.६० | 274,400 |
| 19 | 10 | Soil-Drying | TN | 213.00 | 2,130.00 |
| 20 | 100 | Soil Conditioning - 12" | SY | 9.00 | 200.00 |
| 22 | 100 | Over-Excavation | SY | 8.00 | 2,860 |
| 23 | 250 | 6" Subsurface Drain | LF | 16.00 | 4,000 |

| | | | | Totai | 1 283, 530 |
|---|----------------------|------------------------------------|----|-------|-----------------|
| | LTERNAT Expansion | E BID ITEM #2 - Military Equipment | | . + | |
| 18 | 4,430 | Subgrade Preparation | SY | 14.00 | 62,020 |
| 29 | 150 | Free Draining Base Trench Piping | LF | 24.00 | 3,600 |
| 30 | 660 | Fabric Separation | SY | 1.50 | 990.00 |
| 111 | 4,430 | Fabric, Woven | SY | 5.00 | 33'1 <i>20</i> |
| 112 | 3,000 | AASHTO#1 | TN | 24.00 | 72,000 |
| 31 | 980 | Class 1 Stone | TN | 24.00 | 23, <i>5</i> 20 |
| 44 | 1 | 24' Sliding Gates | EA | 5,800 | 5,800 |
| 46 | 900 | Security Fencing | LF | a6.00 | 23,400 |
| ALTERNATE BID ITEM #3 - Field Fencing | | | | TOTAL | 213480 |
| 113 | 3 | 24' Double Swing Farm Gate | EΑ | 3,500 | 10,500 |
| 114 | 3,900 | Field Fencing | LF | 6.75 | 26,325 |
| | | | | Total | 36,825 |
| ALTERNATE BID ITEM #4 - Civic Arena Parking Area | | | | | .4 |
| 21. | 9,900 | Soil Conditioning-18" | SY | 35.40 | 350,460 |
| 26 | 800 | HMA Wearing Course | TN | 85.00 | 68,000 |
| 27 | 2,125 | HMA Base Course | TN | 82.00 | 174,250 |
| 28 | 2,230 | Free Draining Base | TN | 69.00 | 153,870 |
| 29 | 1,800 | Free Draining Base Trench & Piping | LF | 2400 | 43,200 |
| 30 | 9,900 | Fabric Separation | SY | 2.30 | 22,770 |
| 31 | 1,680 | Class 1 Stone | TN | 24.00 | 40,320 |
| 115 | 1 | Pavement Markings | LS | 4,900 | 4,900 |

| 116 | 1 | Signage | LS | 2,800 | 3,600 |
|--|-----|----------------------|----|--------|----------------------------|
| 33 | 279 | Wheel Stops | EA | 211.00 | 3,800 58,869 919,439 |
| | | | | Total | 919,439 |
| ALTERNATE BID ITEM #5 - Fencing and Gate Upgrade | | | | | |
| | | | | | |
| 117 | 1 | Fencing/Gate Upgrade | 1 | LS | 8,700 |
| | | | | Total | B,700 |
| | | | | | |
| | | | | | |

SECTION III - DESCRIPTION OF BID ITEMS

Bid Item 1: Armed Forces Reserve Center (Zones A, B, C)

Unit:

Lump Sum (LS)

Description:

The item shall consist of any and all material, equipment, and labor for items required by the contract documents to provide a complete and functional Armed Forces Reserve Center building and/or assembly as shown under Base Bid in the drawings and Specifications. The Reserve Center includes lobbies, corridors, administration space, recruiting and family support space, educational facilities, storage, locker rooms, physical training rooms, mail rooms, drills halls, toilets, ianitor closets, as well as mechanical, electrical, and data rooms.

This item shall include any additional items related to Site Construction where a unit cost has not been requested. Additionally, this work shall include site utilities, excavation and backfill to foundation Subgrade for utilities and foundations, and grading within five feet of the building perimeter. The work shall include, but is not limited to, all materials, labor, equipment, and incidentals to construct the facility within the terms and conditions of the plans and specifications. This work also includes, but is not limited to: building excavation; backfill; foundation systems; gravel dry beds; concrete; masonry; veneer brick; structural steel; metal stud framing; pre-engineered; metal trusses; carpentry and wood decking; waterproofing; insulation; roofing; interior and exterior walls; railings; doors; windows; finishes; casework; mechanical systems; electrical systems; fire suppression systems; fire alarm; and data systems. The full extent of this work is defined by the Contract Documents, including the drawings and Project Manual, dated March 25, 2010 as well as any addenda issued during the bidding process. Work shall include, but is not limited to, providing labor, materials, equipment, and incidentals necessary to perform all items of work.

Measurement:

Measurement will be based on completion of the work described and accepted by the Contraction Officer Technical Representative (COTR)

Payment:

Payment for item will be in accordance with the specifications

Bid Item 2:

Armed Forces Reserve Center, Maintenance Building (Zone D)

Unit:

Lump Sum (LS)

Description:

The item shall consist of any and all material, equipment, and labor for items required by the contract documents to provide a complete and functional Armed Forces Reserve Center building and/or assembly as shown under Base Bid in the drawings and Specifications. The Maintenance Building includes, maintenance work bays, storage, toilets, janitor closets, as well as mechanical, electrical, and data rooms.

This item shall include any additional items related to Site Construction where a unit cost has not been requested. Additionally, this work shall include site utilities, excavation and backfill to foundation Subgrade for utilities and foundations, and grading within five feet of the building perimeter. The work shall include, but is not limited to, all materials, labor, equipment, and incidentals to construct the facility within the terms and conditions of the plans and specifications. This work also includes, but is not limited to: building excavation; backfill; foundation systems; gravel dry beds; concrete; masonry; veneer brick; structural steel; metal stud framing; pre-engineered; metal trusses; carpentry and wood decking; waterproofing; insulation; roofing; interior and exterior walls; railings; doors; windows; finishes; casework; mechanical systems; electrical systems; fire suppression systems; fire alarm; and data systems. The full extent of this work is defined by the Contract Documents, including the drawings and Project Manual, dated March 25, 2010 as well as any addenda issued during the bidding process. Work shall include, but is not limited to, providing labor, materials, equipment, and incidentals necessary to perform all items of work.

Measurement:

Measurement will be based on completion of the work described and accepted by

the Contraction Officer Technical Representative (COTR)

Payment:

Payment for item will be in accordance with the specifications

Bid Item 3: Mobilization/Demobilization

Unit:

Lump Sum (LS)

Description:

This work shall consist of the performance of construction preparatory operations, including the movement of personnel, equipment, and materials to and from the project site; payment of performance bond, guaranty bond, and other insurance premiums; establishment and removal of the contractor's field office and storage facilities, including fenced enclosure of staging area.

Measurement:

Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.

Payment:

Payment for item will be in three installments. The first payment of 50 percent of the lump sum price will be made on the first estimate following partial mobilization including the placement or erection of the Contractor's office and storage facilities and the initiation of construction work. The second payment of 25 percent will be made on the next estimate following completion of substantial mobilization. The remaining 25 percent will be paid upon demobilization and satisfactory restoration of the contractor's staging and work area and final completion of the Project.

Bid Item 4: General Administration

Unit:

Lump Sum (LS)

Description:

This work shall consist of performing the construction administrative duties to include, but not limited to, such activities as scheduling, project management, temporary utilities and facilities, temporary access roads or structures, etc. associated with managing the construction of the Project as stated in Division 1 and throughout the Specifications, providing construction layout, providing temporary utilities for the site until 100% acceptance of the project by the COTR, and coordination of permanent utility installation and tie-in of site grading and access roads, administration and maintenance of all required permits for the project, including permit fees, and City of Fairmont Business and Occupation Taxes. In addition to any State and Federal permits, the City of Fairmont requires a "Grading, Filling, or Clearing" permit.

Measurement:

Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.

Payment:

Payment will be paid for at the contract lump sum price, based on percentage of contract completion.

Bid Item 5:

Project Quality Control

Unit:

Lump Sum (LS)

Description:

This work shall consist of establishing and maintaining a Quality Control Program throughout the duration of the project.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item

Payment:

This item will be paid for at the contract lump sum price, based on percentage of completion.

Bid Item 6:

Sitework Mobilization/Demobilization

Unit:

Lump Sum (LS)

Description:

This work shall consist of the performance of construction preparatory operations associated with the sitework, including the movement of personnel, equipment, and materials to and from the project site; payment of performance bond, guaranty bond, and other insurance premiums; establishment and removal of the contractor's field office and storage facilities, including fenced enclosure of staging area.

Measurement:

Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.

Payment:

Payment for item will be in three installments. The first payment of 50 percent of the lump sum price will be made on the first estimate following partial mobilization

WVARNG Fairmont AFRC Omni Project No. 20823

including the placement or erection of the Contractor's office and storage facilities and the initiation of construction work. The second payment of 25 percent will be made on the next estimate following completion of substantial mobilization. The remaining 25 percent will be paid upon demobilization and satisfactory restoration of the contractor's staging and work area and final completion of the Project.

Bid Item 7: Sitework General Administration

Unit:

Lump Sum (LS)

Description:

This work shall consist of performing the construction administrative duties associated with managing the construction of the Sitework as stated in Division 1 and throughout the Specifications associated with the Sitework, providing construction layout, providing temporary utilities for the site and coordination of permanent utility installation and tie-in of site grading and access roads, administration and maintenance of all required permits for the project, including permit fees, and City of Fairmont Business and Occupation Taxes. In addition to any State and Federal permits, the City of Fairmont requires a "Grading, Filling, or Clearing" permit.

Measurement:

Measurement will be based on completion of the work described, prorated from lump sum amounts according to the Basis of Payment below.

Payment:

Payment will be paid for at the contract lump sum price, based on percentage of contract completion.

Bid Item 8:

Sitework Project Quality Control

Unit:

Lump Sum (LS)

Description:

This work shall consist of establishing and maintaining a Quality Control Program throughout the duration of the project.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item

Payment:

This item will be paid for at the contract lump sum price, based on percentage of completion.

Bid Item 9:

WVDOH Encroachment Permit(s) (Allowance)

Unit:

Lump Sum (LS) (Allowance)

Description:

This work shall consist of obtaining encroachment permit(s) for the access road tie-in, grading, and stormwater drainage on WVDOH right of ways as shown on the Plans or as required by the WVDOH. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The contractor will not bid on this work, but will be reimbursed the actual permit fee(s). The contractor shall submit an estimate for the permit(s) to the COTR for approval prior to submitting the application(s).

Payment:

This item shall be reimbursed by submitting the permit fee(s) receipt(s), based on acceptance of the encroachment(s) by the WVDOH and the COTR.

Bid Item 10:

Site Preparation

Unit:

Lump Sum (LS)

Description:

This work shall consist of the removal of trees and other vegetation, topsoil stripping and stockpiling, removal of existing utilities, installation of temporary utilities, and clearing and grubbing of all areas disturbed by the Contractor. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the

contractor in completing this item.

Payment:

Payment shall be made at the contract unit price per lump sum.

Bid Item 11:

Gas Line Relocation (Allowance)

Unit:

Lump Sum (LS) (Allowance)

Description:

This work shall consist of relocating the 8" Dominion Hope natural gas distribution line to the locations shown on the Plans or as required by the utilities. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The contractor will not bid on this utility work, but will be reimbursed the actual approved invoice cost. The contractor shall submit an estimate for the relocation work to the COTR for approval prior to execution.

Payment:

This item shall be paid for the approved invoice from the utility company, based on acceptance of the relocation by the affected utility and the COTR.

Bid Item 12:

Sediment and Erosion Control

Unit:

Lump Sum (LS)

Description:

This item shall consist of furnishing, installation, maintenance and subsequent removal of necessary storm water structures, best management practices, and other work required to prevent escape of sediment from disturbed areas of project site. Also included is the preparation, submission, and administrative maintenance of any permits required by the West Virginia Department of Environmental Protection (WVDEP) or other agencies. This includes performing all work prescribed in a workmanlike and acceptable manner,

including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the contractor in completing this item.

Payment:

Payment for item shall be in three installments. The first payment of 50% of the lump sum price shall be made on the first estimate following issuance of a WV NPDES Construction Stormwater Permit and installation of best management practices required by the approved Stormwater Pollution Prevention Plan. The second payment of 25% shall be made on the next estimate following finish grading and stabilization of all waste and borrow areas. The remaining 25% shall be paid upon termination of the WV NPDES permit by the WVDEP for properly stabilizing the site, demobilization, and final completion of the Project.

Bid Item 13:

Sediment Pond

Unit:

Each (EA)

Description:

This work shall consist of constructing the three ponds as shown in the Plans. The work includes excavation, backfill, inlet and outlet structures, pipes, outlet protection, sediment removal and maintenance. This work also includes converting two ponds (Pond 2 and Pond 3) to permanent retention ponds after completion of earthmoving operations. Pond 1 shall be totally removed after permit release and the area returned to its original condition. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There shall be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price per each.

Bid Item 14:

Waste Removal

Unit:

Ton (TN)

Description:

This work shall include, but is not limited to, disposal of rubbish, trash, scrap, and other materials encountered at the site that require disposal at a sanitary landfill. The work includes sorting, loading, hauling, and disposal. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work completed shall be measured in tons as evidenced by weigh tickets from a legally operating sanitary landfill and certified by the contractor to be correct.

Payment:

Payment shall be made at the contract unit price per ton.

Bid Item 15:

Unclassified Excavation

Unit:

Cubic Yard (CY)

Description:

This work shall consist of, but is not limited to, unclassified excavation, loading and hauling of excavated material, placement and compaction, and shall include final grading, shaping and contouring of the excavation and fill areas. The terms for earthwork used in the remainder of this Section imply excavation in native materials. The Contractor, with approval of the COTR, shall adjust the final grades as necessary to create a finished project. The Contractor shall excavate to the lines and grades shown on the Plans. The Contractor shall perform all excavation of every description and of whatever materials encountered to the depths indicated on the Plans. No additional compensation shall be considered for rock excavation. Over-excavation and/or fill not shown on the Plans or specified herein shall be at the Contractor's expense, unless approved by the COTR prior to commencing such work. If unsuitable materials exist below the grades shown on the Plans, this material shall be removed with the prior approval of the COTR and shall be paid per the unit price for "Overexcavation".

Except at locations where excavation of unsuitable material is required, care shall be taken not to excavate below the depths specified. Final shaping and contouring of the areas shall be performed to the satisfaction of the COTR.

This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The method of measurement for determining the quantity of excavation required for grading work as described above shall be on a cubic yard for excavated material which includes hauling, placing and recompacting material to the surfaces as shown on the Plans. Method of measurement shall be before and after surveyed cross-sections of the excavation area(s) and the average-end-area method for computing volume performed by a Professional Surveyor licensed in West Virginia. Cross sections are subject to the approval of the COTR.

Borrow areas (on- or off-site) shall be regraded and reclaimed, including sediment and erosion control and revegetation, at no additional cost to the COTR. Disposal of surplus and waste materials, if encountered, are incidental to this bid item and shall be performed at no additional cost to the COTR.

Payment:

This item will be paid for at the contract unit price per cubic yard.

Bid Item 16:

6" Lean Concrete Mat

Unit:

Lump Sum (LS)

Description:

This work shall consist of subgrade cleaning, drying, lean concrete application and curing operations for a 6" lean concrete mud mat under all areas of the AFRC and Storage/Maintenance Building as well as any utility trench bottoms consisting of shale bedrock. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There shall be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price per lump sum.

Bid Item 17:

Waterproof Coating

Unit:

Lump Sum (LS)

Description:

This work shall include, but is not limited to, removal of loose material from subgrade, compressed air cleaning, drying, application and curing operations of in-place subgrade under steps, walks, in utility trenches where required, and under pavements in excavated areas that have exposed shale at the subgrade elevation. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work. If additional satisfactory soil fill is required to achieve subgrade elevations after compaction, it shall be considered incidental to the work.

Measurement:

There shall be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price per lump sum.

Bid Item 18:

Subgrade Preparation

Unit:

Square Yard (SY)

Description:

This work shall include, but is not limited to, excavation, scarification, ground quicklime addition, mixing and recompaction of the top 18 inches of in-place subgrade under steps, walks, and pavements in excavated areas that do not have exposed shale at the subgrade elevation. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work. Manipulation of the excavated material to achieve optimum moisture content shall be considered incidental to the work. If additional satisfactory soil fill is required to achieve subgrade elevations after compaction, it shall be considered incidental to the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Material prepared beyond approved limits shall not be included in the measured quantity. Subgrade preparation of other areas, such as walkways and lawn areas, is incidental to earthwork and shall not be paid for by this bid item.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 19:

Soil Drying

Unit:

Ton (TN)

Description:

This work shall include, but is not limited to, quicklime application and mixing of stockpiles of existing satisfactory soils with high moisture content. The required demonstration of proposed techniques is incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work completed shall be measured in tons of quicklime used as evidenced by weigh tickets for bulk loads or delivery slips for packaged materials certified by the contractor to be correct.

Payment:

Payment shall be made at the contract unit price per ton.

Bid Item 21:

Soil Conditioning - 12"

Unit:

Square Yard (SY)

Description:

This work shall include, but is not limited to, scarifying, lime application, mixing, compacting and rolling areas of existing satisfactory soils with high moisture content to a depth of 12" in locations directed by the COTR. The required demonstration of proposed techniques on test pads is incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 20:

Soil Conditioning – 18"

Unit:

Square Yard (SY)

Description:

This work shall include, but is not limited to, scarifying, ground quicklime application, mixing, compacting and rolling two lifts of satisfactory soils to a depth of 18" under pavements, steps, or other locations as directed by the COTR. The required demonstration of proposed techniques on test pads is incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 22:

Over-Excavation

Unit:

Square Yard (SY)

WVARNG Fairmont AFRC Omni Project No. 20823

Description:

This work shall include, but is not limited to, excavation below subgrade, transportation and disposal of unsuitable materials, placement of geogrid and AASHTO #1 stone, and proof-rolling areas of unsuitable soils in locations directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Items 23-24: Subsurface Drains, 6" and 8"

Unit:

Linear Foot (LF)

Description:

This work shall consist of installation of subsurface drains of specified size in locations specified on the plans or directed by the COTR. The drains are to be installed in locations that will intercept the maximum amount of seepage. Subsurface drain work includes dewatering, excavation, drainage fabric, stone, pipe, fittings, cleanouts and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of drains in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings as typical pipe section in the pipe being measured.

Payment:

This item shall be paid for at the contract price per linear foot.

Bid Item 25:

7" Concrete Paving

Unit:

Square Yard (SY)

Description:

This work consists of furnishing and complete installation of Portland cement concrete pavement, reinforcing, joints, and sealants at the areas as shown on the plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 26: HMA Wearing Course

Unit:

Ton (TN)

Description:

This work shall consist of furnishing and installing designated scratch course and wearing course asphalt in accordance with the Plans and Specifications. The completed pavement shall be accepted, with respect to compaction, on a lot-to-lot basis. Each lot shall consist of approximately 2,000 SF of each layer or course by shall be taken at a random location of each of the five sub-lots.

The target percentage of density shall be 96 percent.

The compaction density of the asphalt shall be considered satisfactory so long as the averages of all the five consecutive compaction results equal to or exceed the specified compaction percent of 96% and no individual strength test result falls below the specified compaction by more than 5 percent. If the average of five consecutive compaction results is below the 96 percent, then a payment adjustment shall be made for that tonnage of asphalt representing the area of placement.

This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantities of work done shall be measured in tons as designated. The quantity shall be determined by the Contractor from the total weigh slips for each vehicle load weighed upon automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered.

Payment:

Payment shall be made at the contract unit price per ton.

The quantities, determined as provided per the specifications, shall be paid for at the Contract unit prices bid for the items listed, which prices and payments shall be full compensation for furnishing all materials and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, field laboratory, supplies and incidentals necessary to complete the work.

Adjustment of Price: Bituminous concrete found not in compliance with the tolerance requirements shall be paid for at an adjusted contract price specified

The payment adjustment to tonnage of work places is as follows with percentages rounded to the nearest tenth:

| Average Compaction % for a Lot | Percent of Contract Price Paid |
|--------------------------------|--------------------------------|
| 96 | 100 |
| 94-95.9 | 98 |
| 92-93.9 | 93 |
| 89-91.9 | 90 |
| Less than 89 | No acceptance |

Bid Item 27:

HMA Base Course

Unit:

Ton (TN)

Description:

This work shall consist of furnishing and installing designated base course asphalt in accordance with the Plans and Specifications. Scratch course is incidental to the overlaying wearing course. The completed pavement shall be accepted, with respect to compaction, on a lot-to-lot basis. Each lot shall consist of approximately 2,000 SF of each layer or course by shall be taken at a random location of each of the five sub-lots.

The target percentage of density shall be 96 percent.

The compaction density of the asphalt shall be considered satisfactory so long as the averages of all the five consecutive compaction results equal to or exceed the specified compaction percent of 96% and no individual strength test result falls below the specified compaction by more than 5 percent. If the average of five consecutive compaction results is below the 96 percent, then a payment adjustment shall be made for that tonnage of asphalt representing the area of placement.

This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantities of work done shall be measured in tons as designated. The quantity shall be determined by the Contractor from the total weigh slips for each vehicle load weighed upon automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered.

Payment:

Payment shall be made at the contract unit price per ton.

The quantities, determined as provided per the specifications, shall be paid for at the Contract unit prices bid for the items listed, which prices and payments shall be full compensation for furnishing all materials and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, field laboratory, supplies and incidentals necessary to complete the work.

Adjustment of Price: Bituminous concrete found not in compliance with the tolerance requirements shall be paid for at an adjusted contract price specified

The payment adjustment to tonnage of work places is as follows with percentages rounded to the nearest tenth:

| Average Compaction % for a Lot | Percent of Contract Price Paid |
|--------------------------------|--------------------------------|
| 96 | 100 |
| 94-95.9 | 98 |
| 92-93.9 | 93 |
| 89-91.9 | 90 |
| Less than 89 | No acceptance |

Bid Item 28:

Free Draining Base

Unit:

Ton (TN)

Description:

This work consists of furnishing and complete installation of open graded free draining base course for pavements. Aggregate, compaction, binder material, and curing are included with this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantities of work done shall be measured in tons as designated. The quantity shall be determined by the Contractor from the total weigh slips for each vehicle load weighed on an approved standard scale or from digital print-out slips from an automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered. Only work accepted by the COTR shall be included, any work rejected or materials used for other items or purposes shall be deducted.

Payment:

Payment shall be made at the contract price per ton.

Bid Item 29:

Free Draining Base Trench and Piping

Unit:

Linear Foot (LF)

Description:

This work shall consist of constructing free draining base trenches and outlet pipes in reasonably close conformity with the lines, grades, dimensions, and locations shown on the Plans or established by the COTR. Excavation, perforated pipe, filter material, outlet pipe, aggregate backfill, and disposing of all surplus material is included with this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured by the linear foot of free draining base trench installed, complete in place and accepted. The perforated pipe, geotextile, and aggregate backfill is a component of the free draining base trench. Length shall be determined from actual measurements once the free draining base trench is in place. No deductions shall be made for placement of the drop connection required at outlet pipe locations. Outlet pipes required from the free draining base trench to daylight or another drainage structure are incidental to this item.

Payment:

The quantities, determined as provided above, shall be paid for at the contract unit price per linear foot.

Bid Item 30:

Fabric Separation

Unit:

Square Yard (SY)

Description:

This work shall consist of furnishing and installing geotextile fabric of designated types in pavement sections as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond design limits shall not be included in the

measured quantity. Fabric used in free draining base trench is not included in this pay item.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 31:

Class 1 Stone

Unit:

Ton (TN)

Description:

This work includes, but is not limited to, furnishing and complete installation of Class 1 aggregate course for pavements and the MEP gravel apron or as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantities of work done shall be measured in tons as designated. The quantity shall be determined by the Contractor from the total weigh slips for each vehicle load weighed on an approved standard scale or from digital print-out slips from an automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered. Only work accepted by the COTR shall be included, any work rejected or materials used for other items or purposes shall be deducted.

Payment:

Payment shall be made at the contract unit price per ton.

Bid Items

32 & 115:

Pavement Marking

Unit:

Lump Sum (LS)

Description:

Pavement markings shall consist of furnishing and installing various types of markings, as shown on the plans and an additional 1,000 sq ft for miscellaneous marking as directed by the COTR. It shall include, but is not limited to, edge lines, center lines, handicapped symbols, parking lines, shoulders, stop lines and pedestrian crossing markings. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of labor, materials and services provided by the contractor in completing this item.

Payment:

This item shall be paid for at the contract lump sum price upon satisfactory completion of all pavement markings shown on the plans.

Bid Item 33:

Wheel Stops

Unit:

Each (EA)

Description:

This work includes, but is not limited to, furnishing and complete installation of plastic wheel stops as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured per each wheel stop completely installed.

Payment:

Payment shall be made at the contract unit price per each.

Bid Item 34:

Concrete Curbing

Unit:

Linear Foot (LF)

Description:

This work shall includes, but is not limited to, the construction of cast-in-place concrete curbing at the locations shown on the Plans, or as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Curbing shall be measured along the front face of the section at the finish grade elevation.

Payment shall be made at the contract unit price per linear foot.

Bid Items

Payment:

35 & 116:

Signage

Unit:

Lump Sum (LS)

Description:

This item includes, but is not limited to, furnishing and installing miscellaneous signs, stop, parking, informational, etc. as noted on the Plans or as directed by the COTR. Signs, posts, foundations, and necessary hardware are included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on completion of work described.

Payment:

Payment shall be made at the contract unit price for lump sum.

Bid Item 36:

Grass Pavers

Unit:

Square Yard (SY)

Description:

This work shall consist of furnishing and installing polymer paving units for infrequent vehicle access as detailed on the Plans. This item also includes sod, top soil, sand bedding, aggregate and geotextile. This includes performing all work prescribed in a

workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Item 37:

Gravel Road

Unit:

Linear Foot (LF)

Description:

This work shall consist of installation of the gravel access road in locations specified on the plans or as directed by the COTR. Gravel road work includes excavation, geotextile fabric, stone, and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of road in place, completed, and accepted by the COTR. It shall be measured in a straight line or radius along the centerline of the

Payment:

This item shall be paid for at the contract price per linear foot.

Bid Item 38:

Screening Berm

Unit:

Linear Foot (LF)

Description:

This work shall consist of installation of the soil screening berm in locations specified on the plans or as directed by the COTR. Screening berm work includes erosion control mat, seedbed preparation, seeding, mulching and topsoil. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of berm in place, completed, and accepted by the COTR. It shall be measured in a straight line or radius along the centerline of the berm.

Payment:

This item shall be paid for at the contract price per linear foot.

Bid Item 39:

Sidewalk

Unit:

Square Yard (SY)

Description:

This work shall consist of furnishing and installing welded wire mesh reinforcing, 4,000 psi air-entrained concrete, Class 1 stone, formwork and incidentals associated with concrete sidewalks and pads as detailed on the Plans. The areas adjacent to the building

shall also include drainage fill and foam insulation. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on square yards of area completed for the work described. Excess material or material placed beyond approved limits shall not be included in the measured quantity.

Payment:

Payment shall be made at the contract unit price per square yard.

Bid Items 40-42: Lawns, Type I and II, Type III Ground Cover for Slopes

Unit:

Lump Sum (LS)

Description:

This work shall consist of various types of lawns and ground cover as shown on the Drawings and specified in Section 329200, "Turfs and Grasses". The bid item shall include fine grading and preparing lawn areas, furnishing and applying soil amendments and fertilizers, seeding lawn areas, protection and maintenance of lawn areas. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on completion of work described.

Payment:

Payment shall be made at the contract unit price for lump sum.

Bid Items 43-45: Force Protection Gate, 24' Sliding Gate, 16' Swing Gate

Unit:

Each (EA)

Description:

This work consists of furnishing and complete installation of various types of gates for chain link fences and site security. The price shall include excavating, trenching, concrete footings, backfilling, grouting posts in place, grounding, bonding, barbed wire, and locks. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be per each gate completely installed.

Payment:

The accepted quantities of gates shall be paid for at the contract unit price per each complete in place.

Bid Item 46:

Security Fencing

Unit:

Linear Foot (LF)

Description:

This work consists of furnishing and complete installation of chain link fencing and personnel gates. The price will include excavating, trenching, concrete footings, backfilling, grouting posts in place, grounding, bonding, barbed wire, and gate hardware. This includes performing all work prescribed in a workmanlike and acceptable manner,

including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be along the bottom wire of the fence from outside to outside of end posts for each continuous run of fence, excluding lengths occupied by vehicular gates.

Payment:

The accepted quantities of fencing materials shall be paid for at the contract unit price per linear foot complete in place.

Bid Item 47:

Concrete Stairs

Unit:

Lump Sum (LS)

Description:

Sets of stairs constructed of cast-in-place concrete to include reinforcing, stone bedding, handrails, surface treatment and any other hardware as shown on the Plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on completion of the work described and acceptance by the

COTR.

Payment:

Payment shall be made at the contract unit price lump sum.

Bid Item 48:

40' Flagpole

Unit:

Each (EA)

Description:

This item includes furnishing and installing the 40' aluminum flagpole in front of the facility. The foundation, including excavation, aggregate, concrete and miscellaneous hardware are incidental to this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There shall be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price for each.

Bid Item 49:

Retaining Wall

Unit:

Linear Foot (LF)

Description:

This item of work is a masonry clad concrete block retaining wall. Excavation, backfill, brick facing, capstone, and associated subsurface drainage are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be by the linear foot along the front face of the wall at the finished

grade elevation.

Payment:

Payment shall be made at the contract unit price for linear foot.

Bid Item 50:

Loading Dock Wall

Unit:

Linear Foot (LF)

Description:

This item of work is a pour in place concrete retaining wall. Excavation, backfill, handrail, concrete finishing, and associated subsurface drainage are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be by the linear foot along the front face of the wall at the finished

grade elevation.

Payment:

Payment shall be made at the contract unit price for linear foot.

Bid Item 51:

Vehicle Wash System

Unit:

Lump Sum (LS)

Description:

This work shall consist of adding a Vehicle Wash System as shown in the Plans. Excavation, concrete, aggregate base, waterstops, associated drainage structures, piping, conduits, post hydrant, hose reels and hose, and other ancillary equipment within the boundary created by the edge of the concrete pad are incidental to this item of work. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price for lump sum.

Bid Item 52:

Oil/Water Separator

Unit:

Each (EA)

Description:

This work consists of furnishing and complete installation of an underground separator designed for gravity separation of free oils (hydrocarbons and other petroleum products) and settable solids from wastewater. Excavation, backfill, concrete pad, bedding material, manways, piping and fittings to a point beyond the outline of the tank, alarm and control panel, electrical and data wiring, and vent piping are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: Measurement shall be based on completion of the work described according to the Basis

of Payment below.

Payment: Payment shall be made at the contract unit price for each.

Bid Item 53: Loading Ramp

Unit: Lump Sum (LS)

Description: This item of work is a cast-in-place reinforced concrete loading ramp with two levels.

The aggregate, backfill, dock bumpers, excavation and soil backfill, and any other ancillary equipment required are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement: There shall be no direct measurement for materials, labor, and services provided by the

Contractor in completing this item.

Payment: Payment shall be made at the contract unit price for lump sum.

Bid Items 54-56: Bollards 8", 12", and Removable

Unit: Each (EA)

Description: This work consists of furnishing and complete installation of bollards. The unit price

shall include furnishing and installing metal posts, and associated hardware, concrete footings, excavation, backfill, and compensation for doing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies,

material, and incidentals required to complete the work.

Measurement: The quantity of work done shall be measured per each bollard completely installed and

accepted by the COTR.

Payment: Payment shall be made at the contract unit price per each.

Bid Item 57: Trash Enclosure

Unit: Lump Sum (LS)

Description: This work shall consist of constructing a pad and walls at the back of the main building

as shown in the Plans. Excavation, concrete, aggregate base, walls, associated drainage structures, piping, pipe sleeves, conduits, and other ancillary equipment are incidental to this item of work. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and

quality control required to complete the work.

Measurement: There will be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment: Payment shall be made at the contract unit price for lump sum.

WVARNG Fairmont AFRC Omni Project No. 20823

Bid Items

58-65 & 74: Water Line, PVC - 2", 4", 6", 8" and 12" DIP - 2", 6", 8" and 12"

Unit:

Linear Foot (LF)

Description:

This work shall consist of furnishing and installing various sizes of water line. These prices shall fully compensate the Contractor for providing pipe, fittings, valves, bedding, excavation, backfill, concrete thrust blocks, concrete encasement, asphalt repair, curb stops, flushing, testing, coordination with the City of Fairmont and agencies having jurisdiction for acceptance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of water line in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings and appurtenances associated with the water line.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 66:

PIV

Unit:

Each (EA)

Description:

This work consists of furnishing and complete installation of Post Indicator Valves. The unit price shall include furnishing and installing the valves, fittings, excavation, bedding, backfill, concrete thrust blocks, saw-cutting of pipe, and testing and inspection. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured per unit PIV acceptably installed.

Payment:

Payment shall be made at the contract unit price per each.

Bid Item 67:

Fire Hydrant

Unit:

Each (EA)

Description:

This work consists of furnishing and complete installation of exterior fire hydrants. The unit price shall include furnishing and installing a fire hydrant, fittings, excavation, bedding, backfill, concrete thrust blocks, saw-cutting of pipe, and testing and inspection. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured per unit fire hydrant acceptably installed.

Payment:

Payment shall be made at the contract unit price per each.

Bid Item 68:

Water Vault

Unit:

Each (EA)

Description:

This work consists of furnishing, placing and installing the precast concrete vault, bedding, backfill, water meter, backflow preventer and associated valves and appurtenances as detailed in the Plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be per water meter pit installed and accepted by the COTR and

authorities having jurisdiction.

Payment:

Payment shall be made at the contract price per each.

Bid Item 69:

Manholes, Sanitary Sewer

Unit:

Vertical Foot (VF)

Description:

This work shall include, but is not limited to, installing pre-cast concrete manholes at the locations specified in the plans. Excavation, bedding, manhole section and grade ring installation, backfill, and testing and inspection are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on each manhole in place, completed and accepted by the

COTR and authorities having jurisdiction.

Payment:

Payment shall be made at the contract unit price per vertical foot.

Bid Item 70:

Frame & Cover, Sanitary Sewer

Unit:

Each (EA)

Description:

This work consists of furnishing, placing and installing the frame and cover for sanitary manholes as detailed in the Plans. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be per frame and cover installed and accepted by the COTR.

Payment:

Payment shall be made at the contract price per each.

Bid Items 71–72:

Sanitary Sewer, PVC - 6" and 8"

Unit:

Linear Foot (LF)

Description:

This work shall consist of furnishing and installing various sizes of PVC sanitary sewer piping. These prices shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, fittings, cleanouts, casing pipes, pavement repairs, testing and coordination with the Cottageville Public Service District for acceptance. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of sanitary sewer piping in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings, appurtenances, and cleanouts associated with the sanitary sewer piping.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 73: Cleanout, Sanitary Sewer

Unit:

Each (EA)

Description:

This work consists of furnishing and complete installation of cleanout. The unit price shall include furnishing and installing pipe, fittings, concrete apron, excavation, and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured per each cleanout completely installed and accepted by the COTR.

Payment:

Payment shall be made at the contract unit price per each.

Bid Item 75: Street Repair

Unit:

Linear Foot (LF)

Description:

This work shall consist of traffic control, excavation, aggregate backfill, asphalt, concrete, reinforcing steel, and disposing of all surplus material is included with this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured by the linear foot of pavement repair, complete in place and accepted. Length shall be determined from actual measurements along centerline of the trench.

Payment:

The quantities, determined as provided above, shall be paid for at the contract unit price per linear foot.

Bid Item 76: Service Connections

Unit: Each (EA)

Description:

This work consists of furnishing and complete installation of water and sewer service connections. The unit price shall include furnishing and installing pipe, fittings, valves, cleanouts, flushing, cleaning, testing, excavation, and backfill. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured per each service connection completely installed and accepted by the COTR.

Payment:

Payment shall be made at the contract unit price per each.

Bid Items 77-78: Gas Service Lines - 2" and 5"

Unit:

Linear Foot (LF)

Description:

This work shall consist of furnishing and installing gas lines of varying sizes from the building to point of connection on the Plans. These prices shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, valves, existing utility tieins, pavement restoration, and casing pipes. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of gas line in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings and appurtenances associated with the gas line.

Payment:

Payment shall be made at the contract unit price per linear foot of line in service.

Bid Items 79-81: Storm Line, PVC - 6", 8", and 12"

Unit:

Linear Foot (LF)

Description:

This work consists of the furnishing and complete installation of PVC pipe for storm drainage outside the building. This price shall fully compensate the Contractor for providing pipe, bedding, excavation, backfill, fill, fittings, and pavement repairs. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Conduit of the different types and sizes, shall be measured by the linear foot in place, the measurement being made along the centerline of each pipe installed. Branch connections, tees, wyes, and elbows shall be measured along their centerlines and these lengths included in the total lengths of the appropriate conduit. Wyes, tees, and other branch connections shall be measured along the centerlines to points of intersection. The portion of pipe extending through to the inside face of headwalls of all types, manholes, inlets, boxes, or other structures shall be included in the measurement.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Items 82-85: Storm Line, HDPE - 12", 18", 24", and 42"

Unit:

Linear Foot (LF)

Description:

This work consists of the furnishing and complete installation of high density polyethylene pipe for storm drainage. Pipe, bedding, excavation, backfill, fill, fittings, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Conduit of the different types and sizes, shall be measured by the linear foot in place, the measurement being made along the centerline of each pipe installed. Branch connections, tees, wyes, and elbows shall be measured along their centerlines and these lengths included in the total lengths of the appropriate conduit. Wyes, tees, and other branch connections shall be measured along the centerlines to points of intersection. The portion of pipe extending through to the inside face of headwalls of all types, manholes, inlets, boxes, or other structures shall be included in the measurement.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 86:

Type 1 Ditch

Unit:

Linear Foot (LF)

Description:

This work shall consist of the construction of open flow ways for surface drainage, using geotextile fabric, riprap and grout. Excavation, shaping and lining and geotextile fabric are incidental.

Measurement:

The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage structure it empties into.

Payment:

Payment shall be made by the contract unit price per linear foot.

Bid Item 87:

Type 2 Ditch

Unit:

Linear Foot (LF)

Description:

This work shall consist of the construction of open flow ways for surface drainage, using geotextile fabric, and riprap. Excavation, shaping and lining and geotextile fabric are

incidental.

Measurement:

The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage

structure it empties into.

Payment:

Payment shall be made by the contract unit price per linear foot.

Bid Item 88:

Type 4 Ditch

Unit:

Linear Foot (LF)

Description:

This work shall consist of the construction of open flow ways for surface drainage, using permanent erosion control matting. Excavation, shaping, seeding, and lining are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage structure it empties into.

Payment:

Payment shall be made by the contract unit price per linear foot.

Bid Item 89:

Type 5 Ditch

Unit:

Linear Foot (LF)

Description:

This work shall consist of the construction of open flow ways for surface drainage, using temporary erosion control matting. Excavation, shaping, seeding, and lining are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

The quantity of work done shall be measured along the flow line of the ditch, from the first point of design depth to the point where the ditch breaks the plane of the drainage structure it empties into.

Payment:

Payment shall be made by the contract unit price per linear foot.

Bid Items 90-92: Junction Box, 42" Junction Box, Modified Junction Box

Unit:

Each (EA)

Description:

This work shall consist of installing pre-cast or cast-in-place concrete junction boxes for storm drainage. Pipe connection, bedding, excavation, backfill, fill, fittings, frames and covers, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on each junction box in place completed, and accepted by

the COTR.

Payment:

Payment shall be made at the contract unit price for each.

Bid Items 93-98: Type "B" and "G" Drop Inlets, Type "B" and "G" Inlet Grate & Frame, Modified

Inlets, Modified Grate and Frame

Unit:

Each (EA)

WVARNG Fairmont AFRC Omni Project No. 20823 **Description:** This work shall consist of installing pre-cast or cast-in-place concrete inlets for storm

drainage. Pipe connection, bedding, excavation, backfill, fill, fittings, and pavement repairs, are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies,

material, incidentals, and quality control required to complete the work.

Measurement: Measurement shall be based on each drain inlet in place completed, and accepted by the

COTR.

Payment: Payment shall be made at the contract unit price per each.

Bid Items 99-100: 10" Yard Drains, 12" In-Line Inlets

Unit: Each (EA)

Description: This work shall consist of installing drains and inlets for storm drainage. Inlets, grates,

pipe, excavation, bedding, backfill, fill, fittings and pavement repairs are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality

control required to complete the work.

Measurement: Measurement shall be based on each drain inlet in place completed, and accepted by the

COTR

Payment: Payment shall be made at the contract unit price for each.

Bid Item 101: Trench Drain & Grate

Unit: Linear Foot (LF)

Description: This work shall consist of installing a vehicular trench drain for storm drainage. Pipe

connection, bedding, excavation, backfill, reinforcement, concrete, fittings, frames and grates are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies,

material, incidentals, and quality control required to complete the work.

Measurement: Measurement shall be based on linear foot of trench drain installed and accepted by the

COTR, measured along the center-line from end of grate to end of grate.

Payment: Payment shall be made by the contract unit price per linear foot.

Bid Item 102: Concrete Headwall

Unit: Each (EA)

Description: This work shall consist of installing cast-in-place concrete headwalls for storm drainage.

Excavation, forming, reinforcement, concrete, pipe connection, aggregate bedding, backfill, and concrete finishing are included in this item. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools,

equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be for each headwall completely installed.

Payment:

Payment shall be made at the contract unit price for each complete and in place.

Bid Item 103:

Electrical Duct Bank Type 1

Unit:

Linear Foot (LF)

Description:

This work shall consist of trenching and backfill, vaults, conduit, concrete, and pull ropes required for the installation of underground primary. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on transformer pad and linear feet of underground primary constructed in conformance with the plans and specifications.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 104:

Electrical Duct Bank Type 2

Unit:

Linear Foot (LF)

Description:

This work shall consist of trench and backfill, vaults, conduit, concrete, pull ropes, and conductors required for the installation of underground secondary between the transformer and the AFRC building. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of underground secondary constructed in conformance with the plans and specifications.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 105:

Electrical Duct Bank Type 3

Unit:

Linear Foot (LF)

Description:

This work shall consist of trench and backfill, vaults, conduit, concrete, pull ropes, conductors, and control wires required for the installation of underground secondary between the AFRC and the maintenance building. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of underground secondary constructed in conformance with the plans and specifications.

Payment:

Payment shall be made at the contract unit price per linear foot.

Bid Item 106:

Communications Duct Bank Type 1

Unit:

Linear Foot (LF)

Description:

This work shall consist of furnishing and installing conduits from the building or the point of origin to the point of connection on the Plans. These prices shall fully compensate the Contractor for providing pipe, fiber, wires, extra pull ropes, vaults, concrete, excavation, backfill, and sleeves. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of duct bank in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings, and appurtenances associated with the duct bank.

Payment:

Payment shall be made at the contract unit price per linear foot of line in service.

Bid Item 107:

Combined Duct Bank Type 1

Unit:

Linear Foot (LF)

Description:

This work shall consist of furnishing and installing conduits from the building or the point of origin to the point of connection on the Plans. These prices shall fully compensate the Contractor for providing pipe, fiber, wires, conductors, extra pull ropes, vaults, concrete, excavation, backfill, and sleeves. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be based on linear feet of duct bank in place, completed, and accepted by the COTR. It shall be measured along the centerline and shall include all fittings, and appurtenances associated with the duct bank.

Payment:

Payment shall be made at the contract unit price per linear foot of line in service.

Bid Item 108:

Transformer Pad

Unit:

Lump Sum (LS)

Description:

This work shall consist of a cast-in-place concrete pad for the electrical transformer(s). The pad must meet the requirements of Appalachian Power Company for the transformer(s) used. This shall include excavation, concrete, reinforcing, grounding hardware, aggregate base and any other incidentals necessary for a complete and functional pad. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.

WVARNG Fairmont AFRC Omni Project No. 20823

Payment:

Payment shall be made at the contract unit price for lump sum.

Bid Item 109:

Emergency Generator Pad

Unit:

Lump Sum (LS)

Description:

This work shall consist of a cast-in-place concrete pad for the emergency generator. The pad must meet the requirements of the generator manufacturer. This shall include excavation, concrete, reinforcing, grounding hardware, aggregate base and any other incidentals necessary for a complete and functional pad. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price for lump sum.

Bid Item 110:

JICCS Pad

Unit:

Lump Sum (LS)

Description:

This work shall consist of a cast-in-place concrete pad for use by the Joint Interagency Command and Control System. This shall include excavation, concrete, reinforcing, grounding hardware, aggregate base and any other incidentals necessary for a complete and functional pad. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price for lump sum.

ALTERNATE BID ITEMS

Alternate Bid Item #1 - Phase 2 Earthwork

Description:

This work shall consist of grading operations on the outer slope of the fill area. This work has been phased to allow cleanup operations on the adjacent property enough time to relocate.

Alternate Bid Item #2 - Military Equipment Parking Expansion

Description:

This work shall consist of Hardstand Paving and Security Fence expansion identified in the Plans. The earthwork and drainage structures associated with the parking areas are included in the Base Bid.

Bid Item 111: Fabric, Woven

Unit: Square Yard (SY)

Description: This work shall consist of furnishing and installing geotextile fabric of designated types

in pavement sections as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, applies meterial incidentals and quality control required to complete the work

supplies, material, incidentals, and quality control required to complete the work.

Measurement: Measurement shall be based on square yards of area completed for the work described.

Excess material or material placed beyond design limits shall not be included in the measured quantity. Fabric used in free draining base trench is not included in this pay

item.

Payment: Payment shall be made at the contract unit price per square yard.

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Bid Item 112: AASHTO #1 Stone

Unit:

Description: This work includes, but is not limited to, furnishing and complete installation of

AASHTO #1 stone for pavements as directed by the COTR. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the

work.

Ton (TN)

Measurement: The quantities of work done shall be measured in tons as designated. The quantity shall

be determined by the Contractor from the total weigh slips for each vehicle load weighed on an approved standard scale or from digital print-out slips from an automatic batching plant, and certified by the Contractor to be correct. Each weigh slip shall indicate the contract item numbers for the material being delivered. Only work accepted by the COTR shall be included, any work rejected or materials used for other items or purposes

shall be deducted.

Payment: Payment shall be made at the contract unit price per ton.

Alternate Bid Item #3 - Field Fencing

Description: The item shall consist of any and all material, equipment, and labor for items required by

the contract documents to provide a woven wire fence along the property line and a gate

for the Retention Pond area on the eastern side of WV Route 2.

Bid Item 113: 24' Double Swing Farm Gate

Unit: Each (EA)

Description: This work consists of furnishing and complete installation of a 24' Double Swing Farm

Gate for vehicular access through the field fence. The price shall include excavating, trenching, concrete footings, backfilling, grouting posts in place, and locks. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control

required to complete the work.

Measurement:

Measurement shall be per each gate completely installed.

Payment:

The accepted quantities of gates shall be paid for at the contract unit price per each complete in place.

Bid Item 114:

Field Fencing

Unit:

Linear Foot (LF)

Description:

This work consists of furnishing and complete installation of field fencing. The price will include excavating, posts, backfilling, and minor grading for fence fabric installation. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

Measurement shall be along the bottom wire of the fence from outside to outside of end posts for each continuous run of fence, excluding lengths occupied by vehicular gates.

Payment:

The accepted quantities of fencing materials shall be paid for at the contract unit price per linear foot complete in place.

Alternate Bid Item #4 – Civic Arena Parking Area

Description:

This work shall consist of asphalt paving the parking areas and connecting roads identified in the Plans. The earthwork and drainage structures associated with the parking areas are included in the Base Bid.

Alternate Bid Item #5 - Fencing and Gate Upgrade

Description:

This work shall consist of upgrading all fencing, swing gates, sliding gates, and alternate bid items to an eight foot chain-link fabric height. Force Protection Gates are not included.

Bid Item 117:

Fencing/Gate Upgrade

Unit:

Lump Sum (LS)

Description:

This work shall consist of upgrading all fencing, swing gates, sliding gates, and alternate bid items to an eight foot chain-link fabric height. Force Protection Gate is not included. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.

Measurement:

There will be no direct measurement of materials, labor, and services provided by the

Contractor in completing this item.

Payment:

Payment shall be made at the contract unit price for lump sum.

END OF SECTION

| | Agency13 REQ.P.O# |
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| RIOS QUE | 1 |
| KNOW ALL MEN BY THESE PRESENTS, That we, the Undersit | Mascaro Construction Company, L.P. |
| of 1720 Metropolitan Street Pittsburgh, PA 15233 | ac Principal and Liberty Mutual Insurance |
| of 1720 Metropolitan Street, Pilishingh, PA 15255 Company of 175 Berkeley Street, Boston, MA 02117, a corpora | ation omanized and existing under the laws of the State of |
| lassachusetts with its principal office in the City of Boston | as Surery are held and firmly bound unto the State |
| West Virginia, as Obliges, in the penal sum of Five Percent of Amount | Bid (\$ 5% of Amt. Bid) for the payment of which, |
| veil and truly to be made, we jointly and severally bind ourselves, our hel | re, administrators, executors, successors and assigns. |
| The Condition of the above obligation is such that whereas the F | Tincipal has submitted to the Purchasing Section of the |
| Department of Administration a certain bid or proposal, attached hereto a | nd made a part hereof, to enter into a contract in writing for |
| West Virginia Army Reserve National Guard Armed Forces F | Reserve Center, Fairmont, (Marion County), WV |
| RFQ: DEFK10017 | |
| way impaired or affected by any extension of the time within which the C waive notice of any such extension. | and or proposal, and shall in all curer respects perform the all be null and void, otherwise this obligation shall remain in full of the Surety for any and all claims hereunder shall, in no event, as that the obligations of said Surety and its bond shall be in no obligee may accept such bid, and said Surety does hereby set their hands and seals, and such of them as are corporations sents to be signed by their proper officers, this |
| Principal Corporate Seal | Mascaro Construction Company, L.P. (Name of Principal) By Jeffrey M. Maccaro (Must be President or Vice President) Vice President & COO (Title) |
| Surety Corporate Seal | Liberty Mutual Insurance Company (Name of Surety) |
| | (manue of surety) |

Wendy A. Bright

IMPORTANT – Surety executing bonds must be licensed in West Virginia to transact surety insurance. Raised corporate seals must be affixed, a power of attorney must be attached.

note, loan, letter of credit, bank deposit, residual for mortgage, interes Not valid

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

LIBERTY MUTUAL INSURANCE COMPANY **BOSTON, MASSACHUSETTS POWER OF ATTORNEY**

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint

LESLIE L. RUDAT, ELENA ZUNIC, MARJORIE A. ALTEMUS, WENDY A. BRIGHT, JAMES M. GRIFFITH, ALL OF THE CITY OF PITTSBURGH, STATE OF PENNSYLVANIA...... each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its

execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day. Pursuant to Article XIII, Section 5 of the By-Laws, Garnet W. Elliott, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to appoint such attorneys-in-fact as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this 16th day of December 2009

LIBERTY MUTUAL INSURANCE COMPANY

Garnet W. Elliott, Assistant Secretary

COMMONWEALTH OF PENNSYLVANIA COUNTY OF MONTGOMERY

On this 16th day of December _, <u>2009</u> , before me, a Notary Public, personally came <u>Garnet W. Elliott</u>, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

IN TESTIMONY WHEREOF, I have he eunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year

first above written.

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Teresa Pasfella, Notary Public Plymouth Two., Montgomery County My Commission Expires March 28, 2013

Member, Pennsylvania Association of Notaries

CERTIFICATE

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and t do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the facsimile or mechanically reproduced signature of any assistant secretary of the company, wherever appearing upon a certified copy of any power of attorney issued by the company in connection with surety bonds, shall be valid and binding upon the company with the same force and effect as though manually affixed.

ESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this



David M. Carey, Assistant Secretary



State of West Virginia DRUG FREE WORKPLACE CONFORMANCE AFFIDAVIT West Virginia Code §21-1D-5

| TATE OF Pennsylvania | |
|---|--|
| COUNTY OF Allegheny | , TO-WIT: |
| | , after being first duly sworn, depose and |
| tate as follows: | |
| | Mascaro Construction Company, L. P. ; and, |
| . I am an employee of _ | (Company Name) |
| | Mascaro Construction Company, L. P. |
| . I do hereby attest that | Mascaro Construction Company, L. P. (Company Name) |
| policy is in compliance | en drug free workplace policy and that such with West Virginia Code §21-1D-5. |
| The above statements are sw | vorn to under the penalty of perjury. |
| | Mascaro Construction Company, L. P. |
| | By: Mascaro Title: Vice President & COO |
| | Date: May 5, 2010 |
| Taken, subscribed and swor | n to before me this <u>5th</u> day of <u>May, 2010</u> . |
| By Commission expiresJur | ne 10, 2014 |
| Notarial Seal Kathleen A. Agostino, Notary Public City of Pittsburgh, Allegheny County My Commission Expires June 10, 2014 | (Notary Public) ESSUBMITTED WITH THE BID IN ORDER TO |
| COMPLY WITH WV CODE | PROVISIONS. FAILURE TO INCLUDE THE |
| AFFIDAVIT WITH THE BI | D SHALL RESULT IN DISQUALIFICATION OF |
| THE BID. | Rev March 200 |

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE Vendor's Name: Authorized Signature: fey M. Mascaro State of Pennsylvania County of Allegheny Taken, subscribed, and sworn to before me this 5th day of My Commission expires June 10 NOTARY PUBLIC AFFIX SEAL HERE

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Kathleen A. Agostino, Notary Public City of Pittsburgh, Allegheny County My Commission Expires June 10, 2014

Member, Pennsylvania Association of Notaries