

**CECIL COUNTY, MARYLAND  
BID NO. 10-41-53004**

**WOODLAWN TRANSFER STATION  
SITE IMPROVEMENTS**

**Cecil County Government  
Purchasing Department  
200 Chesapeake Blvd., Suite 1400  
Elkton, MD 21921**

**ADDENDUM No. 2  
March 12, 2010**

- A. **Addendum No. 2** is issued as part of the Contract Document, to inform and/or specify changes, which take precedence over information contained in the original Contract Documents. Unless otherwise specifically noted or specified hereinafter, or shown on drawings or schedules accompanying this Addendum, all work required by this Addendum shall conform to the applicable provisions of the Contract Documents. **It shall be the responsibility of the Bidder to include in their bid any cost implications of this Addendum. All bidders are to indicate on the form of proposal submitted by them, acknowledgement of receipt and compliance with the contents of this Addendum No. 2.**
- B. Any provision in any of the Contract Documents, which may be in conflict or be inconsistent with the contents of this Addendum, shall be void to the extent of such conflict or inconsistency.
- C. The following clarifications to the bid documents are provided:
1. Technical Specification Section 400 has been revised changing the electrical requirements for the guard booth. The revised specification is attached to this addendum. See response to questions from bidders below for further detail.
- D. Response to Questions from Bidders are Provided Below:
1. Is the system voltage requirement for the guard booth to be 120/208 volt or 120/240 volt?

**The system voltage for the guard booth should be 120/240 volt. In addition, the circuit breaker requirement should be 2 pole, 208 volt, 125 amp circuit breaker matching the existing circuit breaker type, manufacturer and AIC rating. Note X2 on drawing C-2 (Sheet 4 of 19) should be changed accordingly to match this requirement. Also, the wall mounted HVAC unit requirements have been changed to an 11,600 BTU heating/cooling unit.**

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2. After reviewing plans, specs and addendum 1, I am still unsure about items 2001 and 2002. Is it the intent of these items to cover the excavation, backfill and grading for the SWM facility?

**Bid item 2001 and 2002 are to cover all earthwork on the project including the stormwater management facility. Bid item 3001 covers all work associated with the installation of the sand filter facility excluding earthwork which is covered under Bid items 2001 and 2002. The measurement and payment for the sand filter facility is defined in Section 300 of the Technical Specifications (pages TS-22 and TS-23).**

3. Do stumps need to be removed from the excavation area?

**Removal of stumps shall be in accordance with Section 101.03.05 of the SHA Standard Specifications. Basically, the specification requires stumps to be removed to a depth of 3 feet below the proposed subgrade in excavation areas and as close to the ground as practical but not more than 1 foot above the ground surface in areas of fill (i.e. embankment). At the toe of the embankment stumps must be removed. Bidders should keep in mind that the existing slope is required to be benched back prior to embankment construction, as called out on Drawing C-6 (Sheet 8 of 19), which will likely require the removal of most stumps.**

4. Will stone dust be allowed as embankment fill?

**Stone dust will not be allowed as embankment fill. Fill material shall meet the requirements of Section 916 of the Technical Specifications.**

E. Attachments:

1. Revised Technical Specification Section 400 – Guard Booth

**400 — GUARD BOOTH**

**CATEGORY 400  
STRUCTURES**

**SECTION 400 — GUARD BOOTH**

**DESCRIPTION.** This work shall consist of supply and installing a 5' x 6' guard booth as shown in the Contract Documents per the manufacturer's recommendations. Installation shall include all electrical hook-ups required to meet the electrical requirements of the guard booth. The guard booth power supply shall come from the existing 400 amp panel box in the basement of the building as shown in the Contract Documents. The work shall include the installation of the 10' x 10' x 6" concrete pad, bollards, electrical wire and conduit, handboxes, junction boxes, circuit breakers and other incidentals required to complete the work.

**MATERIALS.**

5'x6' Aluminum Guard Booth Supplied by Mardan Fabricators (Vista Series) or an approved equal.

Booth options per Mardan Fabricators or an approved equal shall include:

Roof: Standard Profile

Electrical: All wiring to meet NEC standards; all components to be UL listed. System voltage to be 120/240 volt, 60Hz, single phase. Standard lighting to be two-tube 40W fluorescent fixtures, ceiling mounted with wraparound acrylic lens diffuser. Two (2) duplex receptacles and one (1) light switch mounted as required. Wall-mounted HVAC (providing 11,600 BTU cooling/heating unit) and all electrical components pre-wired in a surface-mounted ½" EMT conduit to circuit breaker panel. The load center shall be 125 Amp – 8 Circuits.

Conduit: 2" PVC Schedule 80 Conduit

Handbox: Polymer concrete handbox or an approved equal sized per NEC standards

Junction Box: Schedule 80 PVC and sized per NEC standards.

Circuit Breaker: 2 Pole, 208 Volt, 125 Amp Circuit Breaker: Match existing circuit breaker type, manufacturer and AIC rating.

Concrete – Mix No. 6 per Section 902.10.03 and materials per Sections 902.10.02

Select Backfill – Per Section 916 of the Technical Specifications.

**400 — GUARD BOOTH**

Topsoil – 920.01.01(2)

Seed & Mulch – 920.06 & 920.04.01

Bollards – Material as described in Section 600 of the Technical Specifications.

**Submittals.** The Contractor shall submit shop drawings of the proposed guard booth that must be reviewed and approved by the County prior to installation.

Once shop drawings are approved, the Contractor shall be responsible for furnishing and installing all required materials and equipment to complete the installation.

**CONSTRUCTION.**

Concrete – Construct the 10' x 10' x 6" concrete pad per section 522.03. Concrete for the conduit in the pavement area shall be installed per Std. No. MD 805.01.

Handbox– Set top of the handbox flush with grade. Install per manufacturers recommendations.

Electrical Wire and Conduit – Construct per section 809.03 and 810.03.02. Trenching in paved areas shall be constructed per Std. No. MD 805.01. Connections shall be installed in conformance with the manufacturer's recommendations.

Junction Box – Install per manufacturers recommendations.

Guard Booth – Prior to installation of the guard booth, the Contractor shall insure that the 10' x 10' x 6" concrete pad is as level as possible and has no more than a 2% maximum slope in any direction. All electrical requirements shall be in place prior to the installation of the guard booth. The guard booth shall be installed per the manufacturer's recommendations.

Bollards – Construct as described in Section 600 of the Technical Specifications.

**Permits.** The Contractor shall obtain a Cecil County building and electrical permit prior to the installation of the guard booth. The fee for the building permit shall be waived. The fee for the electrical permit shall be paid by the Contractor.

**MEASUREMENT AND PAYMENT.** This item will not be measured, but shall be paid at the contract LUMP SUM price for the installation of the guard booth, 10' x 10' x 6" concrete pad, bollards, handboxes, junction boxes, electrical wiring and conduit, circuit breakers, electrical hook ups, electrical permits and for all material, labor, equipment, tools, and incidentals necessary to complete the work.