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August 10, 2011

Re: **TRI-COUNTY COUNCIL/CAREER CENTER SITE IMPROVEMENTS PROJECT**  
Salisbury, Maryland  
2009145.00

**ADDENDUM THREE**

The contract documents for the above referenced project, dated July 20, 2011 are amended as follows:

**CLARIFICATION**

1. Would the Owner be willing to accept an alternate for Coated Metal Sheet Piling in lieu of Vinyl?  
*Answer: The bid shall be based upon the materials called for on the drawings and in the specifications. Substitutions will be considered after award in accordance with the project manual requirements. Equality will be based on factors such as strength, durability, maintenance, warranty, and other factors as may be deemed appropriate by the engineer and owner. Design calculations and shop drawings must be signed and sealed by a Maryland registered professional engineer and submitted for review and approval in accordance with the project manual.*
2. Is there an existing irrigation system on site now?  
*Answer: Yes, there is an existing well (well completion report is included in project manual) and there is an existing controller/manifold to the various zones in an enclosure in the woods next to Route 50 and shown on the drawings.*
3. In regards to the bid acceptance, will the DBE percentage on the bid be accepted on the base bid, and amended after award if alternates are taken?  
*Answer: Guidance from EDA is forthcoming. To be answered in the next addendum.*
4. Will a revised bid form be issued?  
*Answer: A Revised Bid Form will be issued with the final addendum.*
5. Will the duration of the project be adjusted if the Alternate for asphalt paving is accepted (as plants may close due to weather prior to completion of the 94 day period.)?  
*Answer: No, the duration will not be adjusted at this time. It is necessary for the owner to have a usable parking lot by the end of the 94 day period. The contractor shall include time for normal weather delays based on averages for the months work is being performed. Time extensions for severe weather beyond normal conditions will be addressed per the specifications.*
6. Regarding the water tank scope of work. Specs section 221219 -2 specifies that the Tank shell Interior gets painted. Please clarify if this includes the floor of the tank?  
*Answer: Interior tank painting includes all surfaces, roof, shell, floor as well as interior piping, ladders, etc. See revised Articles in Section 221219.*
7. Spec section 221219 - 2 specifies that the tank shell exterior gets painted. Please clarify if this included the roof of the tank?  
*Answer: Exterior tank painting includes all surfaces, roof, shell, handrails, ladders, etc. See revised Articles in Section 221219.*
8. Stone or wood mulch in plant beds not specified.  
*Answer: See note 7, Sheet L-101.*



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9. Does temporary fence need to be erected to protect areas with newly planted grass and sod? If so, who installs?  
*Answer: Temporary fencing is only required where curbing is not adjacent to the drive aisles.*
10. Do existing trees get mulched and metal edged?  
*Answer: 5 small trees and 1 large tree shown to remain immediately south of the entrance roadway shall be mulched and metal edged.*
11. Who will be removing existing plants, trees and shrubs?  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
12. Who installs the tree protectors in the construction areas?  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
13. Will you require metal edging around newly planted trees with mulch?  
*Answer: Yes*
14. Hydro-seeding and erosion matting in certain areas? If so, who installs?  
*Answer: See landscaping plans and erosion control plans for locations. The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
15. Who is responsible for finish grade of top soil?  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
16. Who is responsible for amending top soil and mixing in the amendments?  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
17. The specified seed ratio is not compatible with this area?  
*Answer: The bid shall be based upon the materials called for on the drawings and in the specifications. Substitutions will be considered after award in accordance with the project manual requirements.*
18. Seed rate? Specs call for 6-9 lb/100 SF is this an error?  
*Answer: Yes, the rate should be 6-9 lb/1000 SF.*
19. Who installs final grade in sodded, mulched and plant beds throughout parking lot and building areas.  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their subcontractors.*
20. Should restoring out parcel be included in the bid? Who is to remove vegetation to allow for amended top soil in out parcel?  
*Answer: The Outparcel will be available to the contractors as a staging area during construction. Any areas disturbed must be restored to original or better condition at the contractor's expense per the contract documents. Removal of trees shown to remain will not be permitted.*
21. Who repairs damaged areas from traffic and how is that reimbursed?  
*Answer: The general contractor submitting the bid shall coordinate scopes of work between their*



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*subcontractors. Any areas disturbed must be restored to original or better condition at the contractor's expense per the contract documents. Removal of trees shown to remain will not be permitted.*

22. Requesting a conduit to first pole base in existing contractor work, which pole base? What size conduit? What size wire and how many circuits to be included in this conduit?  
*Answer: The wire sizes are called on the plans next to the homeruns and are sized for the entire circuit. Both Stand-By Gen. Site CKT.-1 and Site CKT.-2 should be feed in separate 1" conduits. Contractor may route conduit as they please. Ideally conduit should be ran from the junction box (see note 6) to the nearest pole base on for the respective circuit. Conduit runs should be coordinated with existing field conditions.*
23. Clarification on Addendum #1 states no work west of north of delineation line, are you referring to the match line, fund line, or both?  
*Answer: The Funding Line is the delineation between the contracts.*
24. Where exactly is the new irrigation system tying into or are we drilling a new well to supply the system? Please clarify.  
*Answer: There is an existing well (well completion report is included in project manual) and there is an existing controller/manifold to the various zones in an enclosure in the woods next to Route 50 and shown on the drawings. It is the responsibility of the contractor to design and install a fully functioning system, appropriately zoned for the well that currently exists. Existing components may be reused if the contractor accepts responsibility for them and warrants them as required by the specifications.*

## PROJECT MANUAL

1. SECTION 22129 – FACILITY GROUND-MOUNTED WATER STORAGE TANKS.
- a. REPLACE Article 3.1 FIELD PAINTING with the following:
- 3.1 FIELD PAINTING
- A. Apply paint according to AWWA D102.
- B. Tank Interior:
1. Includes all interior tank surfaces, including walls, roof and floor. All coatings to be spray applied. Follow manufacturer's recommendation on drying time for primer before finish coat is applied. Dry mil thickness per Article 2.1.
  2. All piping & ladders inside structure shall receive interior painting system.
- C. Tank Exterior:
1. Prime-Coat Touchup: Apply primer to cleaned areas where existing coating has been damaged with brush and roller application for small areas per manufacture's recommendations. Dry mil thickness per Article 2.1.
  2. Finish Coat: Spray applied. Follow manufacturer's recommendation on drying time for primer and intermediate coat before final coat is applied. Dry mil thickness per Article 2.1.



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- D. Exterior Ladders & Hand Rails: Paint as indicated for tank exterior.
- E. Do not paint if ambient temperature is less than 50 deg F or is expected to drop below 40 deg F in the next 18 hours. Do not paint if temperature of steel surface is higher than 125 deg F. Do not apply paint if surfaces are wet or damp, if precipitation is expected, or if relative humidity will exceed 85 percent. Do not spray paint when wind velocity exceeds 15 mph. Maintain at least a 24-hour waiting period between coats. Provide adequate ventilation in tank during painting to maintain clear atmosphere and provide explosion-proof flood lighting and spot lighting.
- F. Complete daily painting to allow time for paint to dry before condensation is expected.

b. ADD Article 3.5 SURFACE PREPARATION as follows:

### 3.5 SURFACE PREPARATION

- A. Field Cleaning: Remove burrs, dirt, and construction debris, rust and repair damaged finishes. Remove weld splatter, sharp edges on weld seams, and scabs and slivers by grinding. Remove weld flux, slag, fins, and laminations.
  - 1. Tank Interior: Clean debris and sediment on all surfaces of tank interior.
  - 2. Tank Exterior: Hand wash all exterior surfaces with nylon bristled brush then pressure wash with TSP detergent injection (minimum 3,500 psi at 3.0 gpm).
- B. Field Surface Preparation: After field cleaning, prepare steel surfaces where shop prime coat has been damaged, according to Specifications listed above for shop cleaning, and remove dust or residue from cleaned surfaces.
  - 1. Tank Interior: Prepare steel substrate using methods in writing by paint manufacturer, but not less than SSPC-SP 10/NACE No. 2, "Near-White Blast Cleaning."
  - 2. Tank Exterior: Prepare exposed steel substrate and areas of damaged paint using methods in writing by paint manufacturer, but not less than SSPC-SP2 Hand Tool Cleaning. Remove all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by hand chipping, scraping, sanding, and wire brushing.
- C. If surface develops rust before prime coat is applied, repeat field surface preparation.

c. ADD Article 3.6 INSPECTION as follows:

### 3.6 INSPECTION

- A. Following completion and preliminary cure of the coating system, the surfaces shall be carefully inspected by the Contractor for pinholes, blisters, inadequate coating thickness and other defects. Repair all imperfections found. The dry film thickness shall be measured by the Contractor using an elcometer, Microtest gauge or an equivalent instrument. Deviation from the minimum specified thickness shall not be more than 25%. Perform holiday testing by low voltage wet sponge method. Submit all results for above testing to Architect.

d. Add to Section 323200 TURF AND GRASSES as follows:



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#### 1.4 SUBMITTALS

- G. Submit sod certification for grass species and location of sod source.

#### 1.5 QUALITY ASSURANCE

- E. Sod Producer: Shall be a company specializing in sod production and harvesting with a minimum of five (5) years of experience producing sod.
- F. Sod: Shall be grown between 6 to 12 months with root development that will support its own weight without tearing when suspended laterally.

#### 1.8 MAINTENANCE SERVICE

- 2. Sodded Turf: Contractor to maintain sodded landscaping for a minimum 1 year from the date of final acceptance of the project. Include all watering, mowing, trimming, reseeding, fertilizing, chemical and physical weed control and removal, and other operations as necessary for a healthy lawn.

#### 2.9 TURF GRASS SOD

- 26757. Turf grass sod: Shall be Maryland Certified (labeled), inspected and approved by the Maryland Department of Agriculture. Furnish viable sod of uniform density, color, and texture, strongly rooted, and capable of vigorous growth and development when planted.
- 26756. Label must be presented at the time of delivery and prior to installation for approval.
- 26755. Turf grass Species: 90% turf-type Tall Fescue (*Festuca arundinacea*). Minimum three varieties such as Magellan, Tempest or Prime Time. Variety to be approved by Architect. 10% Kentucky bluegrass (*Poa pratensis*). Variety such as Touchdown, P-105, Limosene, Dynamo, Denim & Laser. Variety to be approved by Architect.

#### 3.7 SODDING

- A Lay sod within 24 hours of harvesting. Do not lay sod if dormant or if ground is frozen or muddy.
- B After all grading has been completed the soil shall be irrigated 12 to 24 hours prior to laying the sod. The sod shall not be laid on soil that is dry and powdery.
- C Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to subgrade or sod during installation. Tamp and roll lightly to ensure contact with subgrade, eliminate air pockets, and form a smooth



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surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.

1. Lay sod across angle of slopes exceeding 1:3.
2. Retain subparagraph below if required. Steel staple anchors are commonly used.
3. Anchor sod on slopes exceeding 1:6 with wood pegs spaced as recommended by sod manufacturer but not less than 2 anchors per sod strip to prevent slippage.

- D. Saturate sod with fine water spray within two hours of planting. During first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 2 inches below sod.

END OF ADDENDUM NO. THREE

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