



Illinois Department of Natural Resources

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Rod R. Blagojevich, Governor

Sam Flood, Acting Director

August 3, 2006

SUBJECT: 01LR
Williamson County Airport Remedial Reclamation
Williamson County
AML-GWmE-0514
August 4, 2006 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised pages 400-1 and 400-2 of the Special Provisions

Prime contractors must utilize the enclosed material when preparing their bid and much include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautions to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

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SECTION 400 - SURFACE COURSES, PAVEMENT, REHABILITATION AND SHOULDERS

SECTION 425: GROUT FOR USE WITH RIPRAP - (add this section)

Article 425.01 Description

This work shall consist of furnishing, transporting and placing grout over placed riprap.

Article 425.02 Materials

Materials shall be according to the following Articles of Section 1000 - Materials of the Standard Provisions.

- (a) Portland Cement, Type 1.....1001
- (b) Water.....1002
- (c) Fine Aggregate - FA 1 or 2 Sand (Note 1)..... 1003.01(a)(c), 1003.04(b)
- (d) Admixtures.....1021.01

Article 425.03 Equipment

Equipment shall be according to the following Articles of Section 1100 - Equipment.

- (a) Concrete Mixers.....1103.01
- (b) Batching and Weighing Equipment.....1103.02,1103.03
- (c) Water Supply Equipment..... 1103.04

Article 425.04 Mix and Mixing Adjustments

The mix shall be as listed as yield approximately one cubic meter.

Portland Cement	94 lb
Fine Aggregate - Saturated Surface Dry	2500 lb
Water	Variable, see note below
Admixture to ensure flowability	As needed

The Engineer reserves the right to adjust the proportion of materials in the field for flowability and other criteria. The grout shall be of the mixture to allow a minimum infiltration depth of 2 feet within the riprap voids. No additional compensation will be paid to the Contractor for a mix adjustment.

Article 425.05 Placement

The grout shall not be placed on frozen ground, in standing water or during wet weather conditions. Mixing and placing shall begin only if the air temperature is 35 degrees F and rising. At time of placement, the material temperature shall be 40 degrees F minimum. Mixing and placing shall stop when the air temperature is 35 degrees F and falling.

The Grout shall be placed directly from the chute onto the riprap to be sealed. Other placement methods may be approved by the Engineer if the mix design is appropriate.

When backfilling against structures, the grout shall be placed in layers to prevent damage by lateral pressures. Side sloped shall be stepped or serrated to prevent wedging action of the backfill against the structure. Each layer shall be allowed to harden prior to placing the next layer.

When backfilling pipe culverts, the mix shall be distributed evenly on each side of the pipe culvert to prevent movement. To prevent uplift of the pipe culvert, the first layer shall stop at one-fourth the height of the culvert. After settlement of the first layer, as determined by the Engineer, the second layer shall stop at one-half the height of the culvert. After settlement of the second layer, as determined by the Engineer, the remainder of the trench shall be filled. A mix may be placed in a single layer for portland cement concrete pipe culverts.

The grout shall not be exposed to freezing temperatures or wet weather conditions during the first 24 hours after placement.

Article 425.06 Method of Measurement

This work will be measured for payment and the volume computed in cubic yards. When the grout is used for sealing riprap, the volume for payment will be measured in place, less the volume of riprap material.

Article 425.07 Basis of Payment

This work will be paid for at the contract unit price per cubic yard for GROUT FOR USE WITH RIPRAP.

End of Section 425: GROUT FOR USE WITH RIPRAP

End of Revisions to SECTION 400: SURFACE COURSES, PAVEMENTS, REHABILITATION AND SHOULDERS