



Illinois Department of Transportation

Division of Aeronautics

1 Langhorne Bond Drive / Capital Airport / Springfield, Illinois / 62707-8415

February 26, 2018

SUBJECT: Vandalia Municipal Airport
Vandalia, Illinois
Fayette County
Illinois Project Number: VLA-4628
SBG Project Number: N/A
Contract No. VA020
Item No. 10A, March 9, 2018 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS

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

Reason for Addendum:

Revision to Item 751001 Trench Drain Special Provision

To All Plan Holders:

Plan Changes:

None

Special Provisions Changes:

Item 751001 Trench Drain – Replace with attached Special Provision.

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

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

Questions on this addendum may be directed to Kyle Schweizer of Hanson Professional Services at 217.747.9219.

ITEM 751001 TRENCH DRAIN

DESCRIPTION

751001-1.1 This item shall include furnishing, placing and installing a complete high-capacity, preformed trench drain including drain channels, frames, grates, concrete encasement, and accessories at the locations shown and as detailed in the plans. This item shall include all labor, equipment and materials required to provide an operating trench drainage system as specified below.

MATERIALS

751001-2.1 PREFORMED TRENCH DRAIN SYSTEM

The trench drain channel shall be a smooth preformed manufactured mold or liner with a nominal inside width of 8" and a full radius bottom. Channel liners shall be made of a corrosion resistant material with strong vertical sidewalls. Channel liners or molds shall be pre-slopped at the rate shown in the Plans. The trench drain system shall have a max flow capacity of at least 2000 GPM at level pavement grade.

The grating and frames shall be made of ductile iron (ASTM A-536 minimum grade 65-45-12) or steel (ASTM A-36) and meet AASHTO HS-20 and FAA load requirements. The frames shall include brackets attached to rebar at a maximum spacing of 24" to anchor in to the adjacent concrete, or a maximum spacing of 40" if the frame includes fixed anchor pins in-between. The frame shall fully support the grate and transfer vertical load linearly into the adjacent concrete. The grates shall be removable as shown in the Plans. The removable grates shall have threaded bolt lockdowns or other means of securing to the frame that do not unduly impede fluid flow in the channel. The open area shall be at least 40 sq.in/lin.ft.

The concrete used in encasing the trench drain shall be P.C. Concrete, Item 610.

CONSTRUCTION METHODS

751001-3.1 The trench drain shall be installed according to the manufacturer's recommendations. The reinforcement in the concrete surrounding the drain shall be adequate for the anticipated loads. The trench drain shall not be used in place of an Expansion joint.

The concrete used in encasing the trench shall be P.C. Concrete, Item 610. The Contractor shall take appropriate precautions to keep the forms level and in line, and that the trench drain system does not shift, float, or deflect when pouring.

The contractor shall furnish as-built rim and invert elevations for all installed Trench Drains, as specified in Section 50-06.

METHOD OF MEASUREMENT

751001-4.1 The trench drain shall be measured from the end of the channel frame to the opposite end of the channel frame and shall be the length of Trench Drain actually constructed

as a complete unit and accepted by the Resident Engineer. No separate measurements will be made for the concrete encasement or other materials used in completing this item.

BASIS OF PAYMENT

751001-5.1 Payment shall be made at the contract unit price for Trench Drain. This price shall be full compensation for furnishing all materials and for all preparation, removals, relocation, erection, installation and disposal, and for all labor, equipment, tools, and incidentals necessary to complete this item. Separate payment shall not be made for P.C. Concrete or other incidentals used in completing the item.

Payment will be made under:

AR751001 Trench Drain - per linear foot.

END OF ITEM 751001