



Department of Transportation

Mitchell Region Office

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February 19, 2015

TO: Interested Bidders

ADDENDUM 1

RE: **P SRTS(32), Turner County – PCN 03X4**
Safe Routes to School in Viborg

The following addenda to the contract proposal and plans shall be inserted and made a part of your contract proposal and plans for the above referenced project:

PROPOSAL

No change.

PLANS

Remove and discard Sheet 9 and replace it with the enclosed revised Sheet 9.

The following revisions have been made to Sheet 9:

In the second note from the top in the middle column, under the heading **BEACON SIGNAL HEADS**, the notes have been revised to specify LED signal heads.

Toward the bottom of the middle column, the second instance of the heading for **BEACON SIGNAL HEADS** was revised to **PEDESTAL SIGNAL POLE** to be in agreement with the notes under that heading.

At the top of the third column, under the heading **FLASHERS, TIME CLOCKS, AND CABINETS**, the notes have been revised to better define signal flasher unit needs.

Proposal and Plans (and Addenda, when applicable) can be accessed at the following link:

<http://sddot.com/business/contractors/bid/region/Default.aspx>. Prior to submitting a bid, it is the bidder's responsibility to examine the project in accordance with Section 2.5 of the specifications. It is also the bidder's responsibility to acknowledge and account for any addenda issued prior to bid opening.

Very truly yours,

DEPARTMENT OF TRANSPORTATION

Craig Smith, Region Engineer

Monte D. Rice, Region Design Engineer

cc: Humphrey – Construction and Maintenance
K. VanDeWiele – Bid Letting
R. Johnson/Underberg/Kruger – Operations Support
Schaefer – Certification
Hansen – Civil Rights
Reiss – Planning & Programs
Peterson/Gall – Yankton Area
Gustafson – Operations
Long – Materials
R. Uckert – Banner & Associates
R. Hansen – City of Viborg

PERFORATED TUBE POST

Measurement of post lengths for payment will be for above ground post lengths as field measured. The sign post contract items shall include post bases and all hardware. Post lengths in the table are approximate. The post lengths shall be verified by the Contractor. The Contractor is urged to cut posts to length on job site after verification of post length. The installation height of the signs shall not exceed the minimum by more than 0.5 feet.

Payment for 2.0" x 2.0" perforated tube post shall include all cost for labor, equipment, and materials necessary to complete the following work:

- 1. Furnish all posts, stiffeners, breakaway bases, soil stabilizers, and hardware.
- 2. Assembly and installation of breakaway sign supports as per details shown in these plans.
- 3. Assembly of sign to sign post as per erection details for Highway signs as shown in these plans.
- 4. Installation of sign post and sign.

TABLE OF PERFORATED TUBE POST

Sign Assembly	Number	Sta. & Offset	Number	Total Length (Ft)
School/School Plaque		0+34 – 20' R	2	32.0
End School Zone/ Speed Limit 25		2+84 – 20' L	1	13.0
School/Ahead		4+84 – 31' R	2	32.0
Hospital Assembly		6+03 – 31' R	1	8.0
Hospital Assembly		7+08 – 24' L	1	8.0
School/Directional Arrow		6+32 – 31' R	2	18.0
End School Zone/ Speed Limit 25		10+17 – 33' R	1	10.0
Stop Sign/Street Sign		10+17 – 40' L	1	9.0
School/School Plaque		11+17 – 33' L	2	18.0
Total:				148.0

Station and offset reference Park Avenue.

MISCELLANEOUS, ELECTRICAL

The Contractor shall provide all necessary materials, labor, and equipment to install the flashing beacon system and make connection to the power source by conforming to local electrical building codes. Payment for all materials, labor, and equipment not specifically identified through other bid items shall be included in the lump sum cost for "Miscellaneous, Electrical."

BEACON SIGNAL HEADS

The flashing amber beacon shall be a 1 section yellow LED. All costs for installing the flashing amber beacon shall be incidental to the contract unit price per each for "1 Section Vehicle Signal Head."

Steel beacon supports shall be galvanized. Metal support plates shall be installed in the base of each of the upper 1 section vehicle signal heads for additional strength. One beacon shall be mounted 12" above each of the S5-1 signs and one beacon shall be mounted below the S5-1 sign per the Special Details. Cost for furnishing and installing the 12" Beacon Signal Heads shall be incidental to the contract unit price per each for "1 Section Vehicle Signal Head".

BEACON AIMING

The flashing yellow beacons shall be aimed to be visible to approaching traffic for a minimum distance of ¼ mile.

PEDESTAL SIGNAL POLE

Footing and pedestal signal pole design shall be in accordance with Section 635 of the Standard Specifications and the details in these plans.

Pedestal bases and poles shall be manufactured from aluminum with a brushed aluminum finish. A metal strengthening sleeve between the pole and the pedestal base connection may be necessary to meet wind loading requirements.

Cost for furnishing and installing the pedestal signal pole shall be incidental to the contract unit price per each for "Pedestal Signal Pole".

FLASHERS, TIME CLOCKS, AND CABINETS

The flashing amber beacons shall be programmed to flash at 7:15 - 8:15 and 15:00 - 16:00 on weekdays and only during the school year and shall exclude holidays. The flasher system shall operate in a Wig-Wag format. The Contractor shall make all necessary connections to make the flasher system operational.

The flashing amber beacon systems shall include signal flasher units. The signal flasher units shall be equipped with a programmable timing relay with 8 programmable options. The signal flasher units shall be housed in NEMA weatherproof cabinet.

The flasher relay shall be Double Pole Double Throw in design with 20 amp contacts and shall be encapsulated for dust free operation.

The time clock shall be solid state with 365 day programmable timer with 12 holiday periods, daylight savings time change capability, and battery back-up memory.

All costs for cabinet and labor and materials required to make the flashing amber beacon system operational shall be incidental to the contract unit price per each for "Signal Flasher Unit".

The contractor shall connect to the power source in the Viborg School greenhouse. The contractor shall remove the existing flashing beacon system at the light pole at the intersection of Park Avenue and Washington Street. Costs for removal of the existing flashing beacons shall be incidental to other bid item costs. The Contractor shall coordinate with Herman Wurtz (maintenance) or Rob Sylliasen (superintendent) at (605) 766-5418 with the Viborg School District to make the electrical connection.

SPRINKLER SYSTEMS

There may be locations along the project where sprinkler systems will be encountered during construction. The Contractor shall repair any damaged sprinkler systems to the extent that the functionality of the sprinkler system is retained after the project is complete at no additional cost to the owner.

Where replacement is necessary, the existing system shall be replaced with the appropriate materials. All costs associated with the repair and replacement of the sprinkler system shall be incidental the contract lump sum price for "Modify Sprinkler System."

Locations where pedestrian facility improvements will take place and sprinkler systems have been verified include:

200 N Washington Street – approximate relocation of 6 sprinkler heads and ¾" to 1" diameter pipe

