

CURRENT QUESTIONS & ANSWERS
MARCH 26, 2015 LETTING

201 - RED LODGE-NORTHWEST

-1-

Addendum:

Submitted: Wed, 18-Mar-2015 15:25 MDT

An Addendum has been posted for this project: [ADDENDUM](#)

To download the addendum bid files, click here: [BID FILES](#)

-2-

Addendum:

Submitted: Wed, 18-Mar-2015 15:25 MDT

An Addendum has been posted for this project: [ADDENDUM 2](#)

To download the addendum bid files, click here: [BID FILES](#)

-1-

Clarification:

Submitted: Wed, 11-Mar-2015 10:56 MDT

The following sentence is hereby added to Special Provision #2 – Contract Time:

Do not work during the MDT Construction Conference, February 22, 2016 through February 26, 2016.

-2-

Clarification:

Submitted: Wed, 18-Mar-2015 12:00 MDT

The Schedule of Items on page 3 of the Bid Package Proposal and bid file quantities have changed:

- 607 100 013, Fence – Special Design – 917.50 LNFT
- 607 100 259, Farm Fence – Type F5W - 1,750.00 LNFT
- 607 100 360, Farm Fence – Panel/Single FW – 186.00 LNFT
- 607 100 440, Farm Gate – Metal – Type G-3 – 290.00 LNFT

The following bid items and quantities have been added:

- 607 100 430, Farm Gate – Wire – Type G-2 – 24.00 LNFT
- 611 010 016, Cattle Guard 16 FT – Light Duty (4.8M) – 1.00 EACH

Plan sheets 2 and 21 have been updated to reflect these changes and are available at:

[PLAN SHEETS 2 & 21](#)

In addition to these changes, Special Provision #49, Special Design Fence is to be replaced with: [SPECIAL DESIGN FENCE](#)

-3-

Clarification:

Submitted: Tue, 24-Mar-2015 09:00 MDT

Special Provision #39 – Irrigation Ditch Relocations and Realignments is hereby replaced with the following: [IRRIGATION DITCH RELOCATIONS & REALIGNMENTS](#)

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

-1-

Submitted: Thu, 05-Mar-2015 10:56 MST
Company: Midland Electric & Contracting, Inc.
Contact: Robert Bouley

Question:

Item 617573070 RRFB Indicates a quantity of (1) each. Special Provisions 51. Electrical, Page 42 does not refer to actual quantity, only requirements. Plan Sheet E2 indicates (2) RRFB's. Shouldn't the Bid Quantity Sheet indicate (2) each or Lump Sum instead of (1) each?

Answer:

Submitted: Mon, 09-Mar-2015 12:00 MDT

This system is used for pedestrian crossing that requires a RRFB on each side of the road. The way it is set up and communicates wirelessly, the two RRFB are sold as one unit (system). The poles and push buttons are a separate bid item that are used so the Special provision for the Rectangular Rapid Flashing Beacon (RRFB) – Wireless – Solar describes the requirements for the system which require 2 RRFB at this pedestrian crossing.

-2-

Submitted: Mon, 09-Mar-2015 11:32 MDT
Company: Yellowstone Electric
Contact: Tim Ross

Question:

You call out two 1-200 standards but only one flasher? Does MDT supply the flasher assemblies?

Answer:

Submitted: Wed, 11-Mar-2015 11:16 MDT

Special Provision 51 for the RRFB describes this as a system. Part 2) of the special provision, "Materials. Provide a RRFB system including the RRFB pedestrian signal, controller, wireless communication device, solar system, and all necessary mounting hardware approved or provided by the manufacturer. The signage and RRFB's are on both sides of pole." The pole and push buttons are separate bid items used for the RRFB system described in the plans.

-3-

Submitted: Fri, 13-Mar-2015 11:53 MDT
Company: Arrow Striping & Mfg.
Contact: Dennis McCarthy

Question:

There is striping on the bike path. Will the final markings on the path be waterborne paint or epoxy. The bike path is not wide enough and probably not strong enough to drive an epoxy truck on.

Answer:

Submitted: Fri, 13-Mar-2015 15:20 MDT

Use waterborne paint. Apply the paint in accordance with 620.03.6.

-4-

Submitted: Wed, 18-Mar-2015 09:05 MDT
Company: Riverside Contracting, Inc.
Contact: RCI

Question:

Please provide the design files and any additional geotechnical information available for the project. Also, will bedding be required for all approach pipe as well as all RCP less than 48" in size?

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

Answer:

Submitted: Wed, 18-Mar-2015 15:30 MDT

The design files for the requested project are posted on the MDT FTP site for your use at:
[GEOPAK FILES](#)

The requested files do not represent the staked project, but are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents. In addition, the Department will not make any revisions to the electronic files pertaining to the staked project, change ordered work, or changes that are made during construction to fit field conditions.

Attached are PDF Files of the available project alignment and/or structures geotechnical report(s), geotechnical report supplements, and geotechnical laboratory summaries. There is remaining geotechnical information that is voluminous and very difficult to compile in a concise manner. Contractors are welcome to come to MDT Headquarters to inspect rock samples taken for the project that are stored here or to look through the complete set of Geotechnical field investigation notes, laboratory testing, analytical, or other data in our project files. It should be noted that the project may have undergone significant changes during the design process after the original geotechnical report and supplements were issued. Thus, some of the information contained in these documents may be out of date or not applicable with regard to the advertised project. Some of the changes include, but are not limited to: Project splits (for funding, ROW issues, etc.); alignment and grade changes; and changes due to environmental factors (sensitive areas, etc.). The documents can be found at: [GEOTECH REPORT](#)

Updated Answer:

Submitted: Thu, 19-Mar-2015 15:39 MDT

Bedding is not required on all approach pipes. See Detail Drawing 603-18 for bedding requirements on pipes 48" and smaller.

-5-

Submitted: Fri, 20-Mar-2015 12:39 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Why isn't there a bid item for Traffic Gravel? Does MDT not anticipate using any on this project?

Answer:

Submitted: Mon, 23-Mar-2015 13:09 MDT

4300 cubic yards of Traffic Gravel will be added to the contract by addenda.

Updated Answer:

Submitted: Tue, 24-Mar-2015 13:09 MST

[REVISED SHEET 16](#)

-6-

Submitted: Fri, 20-Mar-2015 12:45 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

The bid schedule shows a quantity of 70 CY for Wetland Soil - Salvage and Place. The Channel Restoration & Fish Passage Summary on Sheet 17 of the plans shows a quantity of 70 CY of Wetland Soil Salvage and Place. The Summary on Sheet 23 of the plans shows a quantity of 145 CY. Additionally the note ## under this summary states "Include in the cost per

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

square yard of Wetland Soil - Salvage and Place. Please clarify what the correct quantity is for this item, and what are the units of payment?

Answer:

Submitted: Mon, 23-Mar-2015 14:16 MDT

The correct quantity is 145 cubic yards. This quantity will be revised by addenda.

Updated Answer:

Submitted: Tue, 24-Mar-2015 13:09 MST

[REVISED SHEET 17](#)

-7-

Submitted: Sun, 22-Mar-2015 18:48 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Special Provision 22 - Sequence of Operations states "Culverts may be installed.....When the present traveled way is disturbed, replace the aggregate surfacing, place .20 foot of bituminous surfacing within 48 hours..." Additionally it states "Sequence the work so that traffic is routed on a minimum 0.15 ft-thick plant mix surface with a minimum width of 12 feet per lane in each direction from November 1 to April 15." If the existing road surfacing is removed, pulverized, or the area of road where the culvert is installed is in a traffic gravel or crushed aggregate surfacing do the culvert trenches require patching with asphalt surfacing outside of the time period from November 1 to April 15?

Answer:

~~Submitted: Mon, 23-Mar-2015 13:01 MDT~~

~~The culvert crossings are required to be paved back if the culvert work takes place before the existing plant mix surface is removed with the grading work activities.~~

Revised Answer:

Submitted: Mon, 23-Mar-2015 14:31 MDT

If pipe work takes place prior to removing the existing plant mix surface, restore the pipe crossings as specified in Supplemental Specification 603.03.5.

-8-

Submitted: Sun, 22-Mar-2015 18:59 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Special Provision 38 - Irrigation Ditch Embankment - states "Provide an embankment material with a low permeability....with a PI equal to or greater than 10, and free of organic material or cobbles." "....repair disturbed existing irrigation and install the High Performance Rolled Erosion Control Blanket in the contract unit bid price per lineal foot of accompanying irrigation pipe."

This seems like a lot to make incidental to irrigation piping and may be required in other locations than at the proposed locations adjacent to irrigation pipes. Would MDT consider paying for this under a separate item like the Special Embankment item that was included in the adjacent JCT 419 - South project?

Answer:

Submitted: Mon, 23-Mar-2015 16:00 MDT

The Irrigation Ditch Embankment is incidental because MDT believed that the only probable locations that low permeability material would be needed would be at the inlet and outlet end of the new irrigation pipe being installed and that the disturbances would be minimal. It was anticipated that little to no embankment will be necessary for the irrigation channel changes.

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

-9-

Submitted: Sun, 22-Mar-2015 19:32 MDT
Company: Schellinger Construction Co., Inc.
Contact: Marc Blanden

Question:

Special Provision 39 - IRRIGATION DITCH RELOCATIONS AND REALIGNMENTS - the details of this special provision include realignment of three irrigation ditches and obliteration of three irrigation ditch locations, with "Irrigation Ditch Embankment, and the measurement and payment states " Include the cost.....in the contract unit bid price per cubic yard of Unclassified Excavation-Channel."

The summary on Sheet 17 of the plans for Channel Restoration only shows a quantity of 780 CY of Unclassified Excavation-Channel at the actual channel change at Station 164+65, and this is the bid quantity included in the bid schedule. This does not seem to include the quantities for ditch realignments and obliterations as mentioned above. Please clarify. Additionally this item refers to "Irrigation Ditch Embankment as being paid for under Unclassified Excavation-Channel. In my previous question it stated that this was incidental to the associated irrigation pipes. Can this embankment be paid for under a Special Embankment item?

Answer:

Submitted: Mon, 23-Mar-2015 16:00 MDT

The 780 cubic yards of Unclassified Excavation shown on sheet 17 in the additional grading frame will be deleted because it is already accounted for in the Channel Restoration and Fish Passage summary frame.

The Irrigation Ditch Relocations will remain in the Additional Grading frame as Unclassified Excavation because the quantities are relatively small, the material is suitable for use in the roadway and the ditches are located very close to the roadway template. Special Provision #39 - Irrigation Ditch Relocations and Re alignments is hereby revised as follows: D. Basis of Payment - Unclassified Excavation - Channel is replaced with Unclassified Excavation. 90 Cubic Yards of Embankment + will be added to the Additional Grading and Grading Summary Frames for the obliteration of the irrigation ditches. All quantities mentioned above will be revised by addendum.

-10-

Submitted: Sun, 22-Mar-2015 21:10 MDT
Company: Cretex Concrete Products
Contact: Duane Loken

Question:

The bid quantity on the Schedule of Items for 36-inch Class 5 RCP IRR is 450 LF, yet I can only find one location in the culvert summary with a total of 240 LF. Is there an error on the Schedule of Items?

Answer:

Submitted: Mon, 23-Mar-2015 13:08 MDT

The Culvert Summary Recap should read 36" RCP IRR CL 5 = 240 LF. The quantity on the Schedule of Items will be revised by addenda.

Updated Answer:

Submitted: Tue, 24-Mar-2015 13:09 MST

[REVISED SHEET 20](#)

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

-11-

Submitted: Sun, 22-Mar-2015 21:29 MDT
Company: Cretex Concrete Products
Contact: Duane Loken

Question:

The 24-inch siphon listed at station 240+72 in the summary is very confusing. For end sections, the summary lists two Left and two Right. At the same time, the 18-inch siphon at station 261+08 lists no end sections in the summary. Is there supposed a 6:1 inlet transition structure and a diversion box outlet for the 24-inch at station 240+72? And does the 18-inch siphon at station 261+08 get 6:1 transition structures at both ends?

Answer:

Submitted: Mon, 23-Mar-2015 11:37 MDT

The 24" siphon at station 240+72 has a 6:1 transition at the inlet and a division box at the outlet. The 18" siphon at station 261+08 has 6:1 transition structures on the inlet and outlet.

202 - SF119-SIGNING GUARDRAIL N BOZEMAN

-1-

Clarification:

Submitted: Wed, 11-Mar-2015 10:56 MDT

The following sentence is hereby added to Special Provision #2 – Contract Time:
Do not work during the MDT Construction Conference, February 22, 2016 through February 26, 2016.

No Questions at this time.

203 - SF129-SIGNING FLASHER NE HAMILTON

-1-

Clarification:

Submitted: Wed, 11-Mar-2015 10:58 MDT

The following sentence is hereby added to Special Provision #2 – Contract Time - Flex Time
Proceed Date: Do not work during the MDT Construction Conference, February 22, 2016 through February 26, 2016.

-1-

Submitted: Mon, 23-Mar-2015 09:57 MDT
Company: Western Systems
Contact: Kevin Hanson

Question:

Regarding control cabinet details. Section 11. SERVICE ASSEMBLY - S-2
In past conversations, I thought the future flasher cabinets were to use detector cards slots, timer(s), Relays, AC outlet, Cabinet surge suppressor, Cabinet with Best core (Green) lock with keys and a Wavetronix that was not a panel mount? We have assisted in the past and provided drawings with the input of the department. It was my understanding that this would be helpful in having just one design in the field. One design would make it easier for signal techs to maintain. One set of schematics, cabinet parts, keys, etc. Also spare parts are limited to only one type. Also it helps the manufacturers/MDT by procuring a consistent standard of equipment. It makes it fair so that every manufacturer is bidding the same equipment. If this is not the case with this project, please let me know.

CURRENT QUESTIONS & ANSWERS

MARCH 26, 2015 LETTING

Answer:

Submitted: Mon, 23-Mar-2015 15:32 MDT

The cabinet can be set up to use detector cards slots/racks for a card swap configuration.