

CURRENT QUESTIONS & ANSWERS
FEBRUARY 12, 2015 LETTING

101 - MONIDA - LIMA SEISMIC RETROFIT & SEP UPRR - 1 MILE N MONIDA

|||||
Addendum:

Submitted: Thu, 05-Feb-2015 13:49 MDT

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

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

|||||

-1-

Clarification:

Submitted: Mon, 02-Feb-2015 15:45 MST

Special Provision 2 – Contract Time – Calendar Day

The NTP will be issued with an effective date of March 30, 2015. This is to allow the contractor time to perform Migratory Bird Treaty Act mitigation work before April 15, 2015. From March 30, 2015 through April 15, 2015, calendar days will be assessed only when traffic is impacted due to this work.

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 9:40 MST

The following Special Provisions (Base Price for Concrete, Sampling Structural Concrete and Section 551 Revisions) are hereby added to this contract. [SPECIAL PROVISIONS](#)

-3-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #9 – Subcontractor Report – is hereby replaced with the following:

[SUBCONTRACTOR REPORT](#)

-1-

Submitted: Thu, 15-Jan-2015 16:02 MST

Company: Penhall Company

Contact: Eric Blackburn

Question:

Requesting As-built drawings for existing structures scheduled for removal.

Answer:

Submitted: Fri, 16-Jan-2015 09:01 MST

The files linked below represent the as-built drawings for the structures. MDT provides them for informational purposes only. They do not include drawings for modifications to the structures, such as joint replacements and guardrail revisions and may not completely represent current conditions. Thus, some of the information contained in these documents may be out of date or not applicable with regard to the advertised project. The contractor should not rely solely on the as-built drawings provided for bidding purposes, nor does any data in these files supersede the data in the contract documents.

[MONIDA-LIMA SEISMIC RETROFIT AS-BUILT DRAWINGS](#)
[SEP UPRR - 1 MILE N MONIDA AS-BUILT DRAWINGS](#)

CURRENT QUESTIONS & ANSWERS

FEBRUARY 12, 2015 LETTING

-2-

Submitted: Mon, 19-Jan-2015 16:16 MST
Company: Dick Anderson Construction
Contact: Allan Frankl

Question:

We were not able to find a drilled shaft specification in the special provisions. Please advise.

Answer:

Submitted: Tue, 20-Jan-2015 08:20 MST

Drilled Shafts are covered by Section 558 of the Specifications.

-3-

Submitted: Tue, 20-Jan-2015 09:42 MST
Company: Condon-Johnson
Contact: Ty Jahn

Question:

Currently, the only geotechnical information for the project is a list of boring logs. Are there any geotechnical reports available for the project? If so, can they please be posted?

Answer:

Submitted: Tue, 20-Jan-2015 15:32 MST

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:

[TIED MONIDA SEISMIC GEOTECH INFO](#)

-4-

Submitted: Wed, 28-Jan-2015 09:55 MST
Company: Ralph L Wadsworth
Contact: Ron Batt

Question:

The plan sheets show sonic logging tubes installed in the drilled shafts, though I don't see any testing quantities or references to CSL testing in the special provisions. Please clarify testing requirements and measurement and payment for this item.

Answer:

Submitted: Wed, 28-Jan-2015 14:01 MST

Refer to Subsection 558.03.15 and 558.04.6.

CURRENT QUESTIONS & ANSWERS

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Submitted: Wed, 28-Jan-2015 14:16 MST
Company: Teton Steel of Montana
Contact: Rusty Izatt

Question:

For bid item #555 010 400 Reinforcing Steel - Seismic, what defines the rebar called out in the schedules as being "Seismic" rebar? Is it all the bar sizes marked with "W"? I do not see anything in the specs for seismic reinforcing steel.

Answer:

Submitted: Thu, 29-Jan-2015 08:29 MST

The suffix W denotes ASTM A 706 Grade 60 rebar and is paid for as Reinforcing Steel – Seismic.

-6-

Submitted: Thu, 29-Jan-2015 13:25 MST
Company: SK Geotechnical Corp
Contact: Cory Rice

Question:

Can you please provide the geotechnical report for this project?

Answer:

Submitted: Fri, 30-Jan-2015 8:40 MST

Please refer to answer for Question No. 3.

-7-

Submitted: Mon, 02-Feb-2015 09:03 MST
Company: Frontier West, LLC
Contact: Craig Lien

Question:

Please provide the Sheet Pile Retaining Wall supplemental information referenced on Special Prov. #36, Part B. I.E. Layout drawings for proposed retaining wall locations, Project Geotechnical report dated May 14, 2014, etc.

Answer:

Submitted: Mon, 2-Feb-2015 9:54 MST

Please reference the following:

Retaining wall layout information: included in contract.

Monida Lima Seismic Retrofit, Road Plans Sheet 12-13, Cross sections Sheets 21-27 (Retaining Wall Cross Sections Sheet 1-7)

Sep UPRR Monida, Road Plans Sheet 13-15, Cross sections Sheets 43-59 (Retaining wall cross sections Sheets 1-16)

Boring Logs: included in contract.

Geotechnical Report: see response to Question #3.

Original construction drawings: See response to Question #1.

-8-

Submitted: Tue, 03-Feb-2015 15:45 MST
Company: Quality Landscape Seeding, Inc.
Contact: Brandon Read

Question:

We cannot seem to find the seeding special provisions. Could you please advise?

Answer:

Submitted: Wed, 04-Feb-2015 08:18 MST

The Seeding Special Provision can be found at the following link: [SEEDING SPECIAL](#)

CURRENT QUESTIONS & ANSWERS

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-9-

Submitted: Tue, 03-Feb-2015 17:39 MST
Company: Dick Anderson Construction, Inc.
Contact: Allan Frankl

Question:

The plans indicate a specific toe elevation for the sheet pile retaining walls. Additionally, the pay quantity for this bid item is based upon the toe elevation shown in the drawings. However, with the requirement for the Contractor to design the walls, the toe elevation may vary from plan elevation. Are we to design to the plan toe elevation regardless of our designer's calculations? If we are not required to maintain this toe elevation, how will the pay quantities be calculated? Please advise.

Answer:

Submitted: Thu, 05-Feb-2015 10:40 MST

The contract requires the minimum tip elevation to be per plan (See Special Provision #36 item C.4). The wall designer is responsible for determining the final design tip elevation. The design supplied can exceed the minimum tip elevation and will be paid for by the actual square feet needed for that design (See Special Provision #36 item I). The quantity shown in the contract for Design Construct Sheet Pile Wall (Square Foot) should be considered the baseline quantity to supply for bidding purposes.

-10-

Submitted: Wed, 04-Feb-2015 12:47 MST
Company: Dick Anderson Construction, Inc.
Contact: Allan Frankl

Question:

Will the Department pay for the installation of railroad track crossings outside of this Contract, or will it be the Contractors responsibility to install and pay for the required crossings?

Answer:

Submitted: ~~Thu, 05-Feb-2015 10:34 MST~~

~~Please reference specification subsection 107.07 Railway-Highway Provisions A. 5th paragraph. "Make arrangements with the railway company for railway crossings not specified in the contract at Contractor expense."~~

Revised Answer:

Submitted: Mon, 09-Feb-2015 9:05 MST

The following language is contained in the Construction and Maintenance Agreement between MDT and the Union Pacific Railroad:

WORK TO BE PERFORMED BY THE RAILROAD AT THE STATE'S EXPENSE:

- 1) Railroad Flagging. Provide engineering and plan review, flagging protection and inspections as deemed necessary by the RAILROAD.
- 2) If needed, Temporary Railroad Crossing will be installed by RAILROAD and coordinated by MDT's contractor. Any Temporary crossing location will be determined after project award between MDT's contractor and UPRR representative.

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Submitted: Wed, 04-Feb-2015 14:18 MST
Company: Mountain West Holding Company
Contact: Cody Cunningham

Question:

The plans and specifications do not address wide load accommodations for this project. Will MDT require wide load staging and accommodations as has been typical on prior projects that utilize crossovers?

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Answer:

Submitted: Thu, 05-Feb-2015 10:31 MST

The following special provision is added to the contract:

Traffic Control

A. Wide Loads. Provide staging areas for wide loads. Submit a wide load traffic control plan to the Project Manager for approval. Provide the Project Manager a minimum 10 working day notice before implementing measures that impact the passage of wide loads. Coordinate with the Project Manager to accommodate loads over 14 feet wide during construction. Provide passage of wide loads through the project area a minimum of four consecutive days/week and two hours/day. Provide the Project Manager with the name and phone number of the person(s) to be contacted prior to wide loads arriving at the project site.

B. Measurement and Payment. Traffic control devices are paid for at the contract unit price per unit of traffic control devices. The units of each type of traffic control device paid for are calculated by multiplying the measured quantity of each device by the value per each unit shown in the traffic control rate schedule. Wide load detour signs will be paid for as Single Use Signs (SQ FT). An addendum will be issued adding a bid item for Single Use Signs.

-12-

Submitted: Wed, 04-Feb-2015 14:46 MST

Company: Jim Gilman Excavating, Inc.

Contact: George M. Friez

Question:

The contract plans specify Commercial Mix PG 70-28 in the estimated quantities for the median crossovers. The paving of the crossovers will likely need to be completed early spring. Can a lower grade asphalt cement be used for these temporary crossovers to accommodate lower paving temperatures and long haul distances? This would also be a cost savings to MDT.

Answer:

Submitted: Thu, 05-Feb-2015 10:59 MST

The average daily traffic count data indicates 28% truck traffic; use of Commercial Mix- PG 70-28 is required.

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Submitted: Thu, 05-Feb-2015 09:59 MST

Company: Garco Construction

Contact: Nate Thomas

Question:

In looking through the proposal I noticed that there are no bid items for Contractor Survey and Layout or Bridge Survey. Are these items to be incidental others?

Answer:

Submitted: Thu, 05-Feb-2015 11:00 MST

An addendum will be issued adding a Bridge Survey- LS bid item.

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Submitted: Thu, 05-Feb-2015 11:20 MST

Company: Garco Construction

Contact: Nate Thomas

Question:

Each of the two bridges has a specific slab pouring sequence.

What is the required initial cure duration for pouring against adjoining and non-adjoining pours while following the slab pour sequence?

CURRENT QUESTIONS & ANSWERS

FEBRUARY 12, 2015 LETTING

Answer:

Submitted: Fri, 06-Feb-2015 08:31 MST

The slab pouring sequence was designed to:

- 1) Minimize cracking in slab concrete due to tensile stresses induced by sequential dead load application of concrete on the girder.
- 2) Provide continuous bracing of all longitudinal girder top flanges in temporary and permanent compressive stress regions for stability during construction.
- 3) Provide additional torsional stability and strength to the transverse girder during the subsequent deck pours for the bridge at 17+56.02.

The design assumed that concrete in each pour section reaches 2400 psi compressive strength before the subsequent section is poured. Place construction joints and bulkheads according to Section 552.03.4 and 552.03.6, and as shown on the plans.

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Submitted: Thu, 05-Feb-2015 13:50 MST

Company: Frontier West, LLC

Contact: Craig Lien

Question:

- 1) The drilled shaft permanent casing per 558.03.7 C is to have a corrosion protective coating. I assume this applies only to the above ground portions of the casing?
- 2) Bent 2 on Br. 17+56.02 and Bent 5 on Br. 15+49.78 will require temp shoring walls to construct the drilled shafts and columns. How is this work to be paid for?
- 3) Special provision 35 on drilled pile appears to require special weld inspection. Wouldn't this procedure be essentially the same as field splicing driven pile? Are RT or UT tests required for all field splices?
- 4) What constitutes final pile seating with impact hammer per special provision 35 C.6.e?
- 5) Special provision 36 C.6 states to design a drainage system behind or integral to the wall to drain water from behind the wall and prevent hydrostatic pressure buildup. This wall is to be driven into existing fill. How are we to put a drainage system behind the wall? It appears the only practical system would be a series of field cut weep holes. Please provide further guidance on this requirement.

Answer:

Submitted: Fri, 06-Feb-2015 08:40 MST

- 1) For paint application to permanent casing of a Drilled Shaft, see Standard Specifications 558.03.7 (C)3, "...24 inches below ground surface continuing to the top of exposed steel."
 - 2) Estimates for quantities of Structure Excavation -Type I have been included in the plans. Structure excavation Type I is excavating, de-watering, shoring and cribbing, backfill and compaction for the excavation. See Standard Specification 209 Structure Excavation for further definitions and explanation of measurement and payment.
 - 3) The contractor is responsible for providing certified RT or UT tests for all welded splices of drilled piling according to Special Provision No. 35, DRILLED PILING.
 - 4) Special Provision No. 35, DRILLED PILING Section C.6.e requires the use of an impact hammer that meets the requirements of Subsection 559.03 of the Specifications for final seating of Drilled Piling.
 - 5) It is up to the wall designer to provide a design for a drainage system behind or integral to the wall for prevention of hydrostatic pressure buildup. The means and methods for accomplishing this are the responsibility of the wall designer.
-

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Submitted: Thu, 05-Feb-2015 14:03 MST
Company: Ralph L Wadsworth
Contact: Ron Batt

Question:

Per the Special Provisions, Section I, Item 19, Sequence of Work: The last sentence reads "The contractor may submit an alternate sequence of operations to the Project Manager for review."

Please provide a description or list of limitations that would be considered unacceptable to MDT that would apply to an alternate sequence of work submitted by the contractor (i.e. alternate sequence to construct the south bound Lima Bridge first, hours of operation, night work, two stage bridge construction without cross overs, etc...).

Answer:

Submitted: Fri, 06-Feb-2015 08:36 MST

Alternate Sequence of Operation plans will be considered that:

- 1) Meet the requirements of Subsection 104.05 Maintenance of Work and 108.04 Limitation of Operations.
- 2) Restores two-way 4-lane traffic on the Interstate during the winter shutdown period.
- 3) Fulfills the contractual agreements with the railroad.

-17-

Submitted: Thu, 05-Feb-2015 15:57 MST
Company: Inland Foundation Specialties
Contact: Mark Woodall

Question:

Bid QTY's for Drilled Shafts LNFT, Drilled Shaft Casing LNFT, and Drilled Shaft Concrete CUYD do not match the plans - specifically QTY table on Drawing NO. 22281. The QTY's on drawing 22281 appear to be correct. Please advise.

Answer:

Submitted: Fri, 06-Feb-2015 08:42 MST

The quantities on Bridge Drawing No. 22281 for the bridge at Station 15+30.77, added to the quantities on Drawing No. 22252 for the bridge at Station 17+56.02, equal the total shown on the Schedule of Items on page 2 of the Bid Package Proposal.

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Submitted: Thu, 05-Feb-2015 16:06 MST
Company: Ralph L Wadsworth
Contact: Ron Batt

Question:

Reference Drawing No 22320 Sheet B41 - Lima Bridge:

Slab Pouring Sequence indicates pour #2 on each side of pour #1.

Does pour #2 need to be poured simultaneously (loading both sides at the same time and direction) or can you pour the north section complete first, then the south section complete?

Answer:

Submitted: Fri, 06-Feb-2015 08:33 MST

Place Pour 2 sections sequentially and in the direction shown on the plans. Place both sections in the same pour operation.

CURRENT QUESTIONS & ANSWERS

FEBRUARY 12, 2015 LETTING

-19-

Submitted: Fri, 06-Feb-2015 12:07 MST
Company: Inland Foundation Specialties
Contact: Mark Woodall

Question:

What is frequency and times of trains passing through this project?

Answer:

Submitted: Mon, 09-Feb-2015 08:17 MST

MDT encourages contractors to contact the Union Pacific Railroad Company directly for train schedule information.

-20-

Submitted: Fri, 06-Feb-2015 16:17 MST
Company: Case Foundation Company
Contact: Kevin Wilson

Question:

Regarding drilled shafts:

- 1) Is oversized temporary casing allowed to facilitate the installation of permanent casing as long as the annular space is filled with cementitious material upon removal of temporary casing?
- 2) Typically permanent casing extends to top of rock or slightly into rock with an open rock socket excavated below casing. Is the requirement for this project to embed permanent casing into rock with strengths between 7,000 and 11,000psi+/- as the plans suggest?

Answer:

Submitted: Mon, 09-Feb-2015 16:24 MST

- 1) Section 558 of the Specifications allows permanent casing to be oversized up to 3 inches to facilitate installation of temporary casing. Use of oversized temporary casing to facilitate installation of permanent casing and the means and materials for filling the annular space should be addressed in the Contractor's installation plan.
 - 2) Install permanent casing to the embedment depths shown in the Contract. Careful review of the boring logs and geotechnical data would clarify the intent; subsurface conditions throughout both sections of these projects are highly variable.
-

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Submitted: Fri, 06-Feb-2015 16:37 MST
Company: Ralph L Wadsworth
Contact: Ron Batt

Question:

Based on current information for structural steel procurement and fabrication, will MDT consider a modification in the calendar days used in each construction season? Currently per the specifications, the contract time from NTP would be seven (7) months in 2015 and four (4) months in 2016, which doesn't provide enough contract time in 2016. We are requesting to have more time available in 2016 to construct the Larger SB Bridge. We are requesting the following: NTP to start as of March 30, 2015 as stated in the contract documents, however to have the contract time (340 calendar days) start upon mobilization. Structural steel delivery would allow the completion of the Smaller NB Bridge in 2015 and completion of the Larger SB Bridge in 2016.

Answer:

Submitted: Tue, 10-Feb-2015 08:13 MST

Regarding the Notice to Proceed Date; please reference Clarification #1 on the Q&A Forum for this project. Regarding Calendar Days and the administration of contract time; please reference specification subsection 101.03 Definitions for the following "Calendar Day", "No Work Days", and "Winter Shutdown".

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102 - BELT - N & S - PHASE 2

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 10:15 MST

The following Special Provision – Section 551 Revisions - is hereby added to this contract.

SPECIAL PROVISIONS

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #8 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

-1-

Submitted: Mon, 19-Jan-2015 14:09 MST

Company: Riverside Contracting, Inc.

Contact: Estimating

Question:

Can the Optional Blended Base Course Special Provision be added to this contract?

Answer:

Submitted: Tue, 20-Jan-2015 08:22 MST

Please refer to Special Provision No. 24, OPTIONAL BLENDED BASE COURSE.

-2-

Submitted: Wed, 21-Jan-2015 12:30 MST

Company: EnviroWorks

Contact: Neil Boyce

Question:

I don't see any specifications on the cement treated based clarifying what percent by weight the portland cement needs to be added to the aggregate. Please advise.

Answer:

Submitted: Wed, 21-Jan-2015 15:35 MST

Cement Treated Base is covered by Section 304 of the Specifications.

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Submitted: Thu, 22-Jan-2015 07:22 MST

Company: EnviroWorks

Contact: Neil

Question:

Can the Portland Cement be mixed in place for the CTB?

Answer:

Submitted: Thu, 22-Jan-2015 10:28 MST

In accordance with Subsection 304.03.4, mix the CTB in a central plant.

CURRENT QUESTIONS & ANSWERS

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-4-

Submitted: Fri, 30-Jan-2015 10:21 MST
Company: Riverside Contracting, Inc.
Contact: Estimating

Question:

Please post the geopak design files and any additional geotechnical information.

Answer:

Submitted: Fri, 30-Jan-2015 14:06 MST

The design files for the requested project are posted on the MDT FTP site for your use at:

[DESIGN 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.

Updated Answer: Mon, 02-Feb-2015 13:20 MST

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: [GEOTECHNICAL REPORTS](#)

-5-

Submitted: Mon, 02-Feb-2015 17:00 MST
Company: Anderson Precast
Contact: Josh Maierle

Question:

Can you please provide a detail for the Concrete Arch 1800 mm x 1200 mm?

Answer:

Submitted: Wed, 02-Feb-2015 14:46 MST

The attached link is a drawing depicting dimensions of the 1800mm x 1200mm Arch Top RCP. Field verify dimensions of the existing stockpass prior to submitting fabrication drawings and design calculations. [CATTLE UNDERPASS DIMENSIONS](#)

-6-

Submitted: Sun, 08-Feb-2015 22:20 MST
Company: RVP
Contact: Estimating

Question:

What are you wanting for the Farm Fence-Panel/Single FM & Double FM, Metal?

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Answer:

Submitted: Tue, 10-Feb-2015 14:05 MST

Farm Fence – Panel/Single FM and Farm Fence – Panel/Double FM should be constructed with wood posts as shown on Detailed Drawing 607-05.

103 - BOX ELDER - NORTH

-1-

Clarification:

Submitted: Fri, 30-Jan-2015 09:11 MST

Havre has been deleted as a city from which Zone Pay is calculated in the latest Wage Determination from the U.S. Department of Labor. As a result, this project is now Zone 3 with mileage calculated from Great Falls.

Special Provision No. 7, ZONE PAY is replaced.

7. ZONE PAY [102] (REVISED 10-9-14)

Wage rates and zone pay requirements can be found elsewhere in the proposal. The zone for certain worker classifications is listed below:

Laborers:	Zone 3
Truck Drivers:	Zone 3
Operators:	Zone 3

Indicate the Zone requirements for other worker classifications. Provide this information to the Project Manager at the Preconstruction Conference on Form MDT-CON-102_02.

Calculate the mileage and zone for additional worker classes based in the requirements detailed in each classification.

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 9:40 MST

The following Special Provisions (Base Price for Concrete, Sampling Structural Concrete and Section 551 Revisions) are hereby added to this contract. **SPECIAL PROVISIONS**

-3-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

-1-

Submitted: Wed, 28-Jan-2015 15:57 MST

Company: Havre Ready Mix, Inc.

Contact: Jerry E. Mellem

Question:

Can the previously approved Havre Ready Mix, Inc. MDT Class DD-Bridge Concrete Mix Design for the Chinook South 3 Mile Creek Bridge STPB 240-1(6)3 project be used on the Box Elder- North project?

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Answer:

Submitted: Fri, 30-Jan-2015 14:12 MST

Refer to Standard Specification 551.03.B Class Deck and Overlay - SF for requirements of Class - Overlay - SF mix design requirements.

-2-

Submitted: Tue, 03-Feb-2015 08:30 MST

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Special Provision 21 - Crack Sealant Removal Prior to CIPR - states "Remove all crack sealant and backer rod from the roadway prior to beginning milling operations."

Can the crack sealant material over a certain dimension be screened out during the CIPR milling process? Can MDT quantify the quantity of crack sealant material that will be removed on the project?

Answer:

Submitted: Tue, 03-Feb-2015 09:46 MST

Special Provision 21 - CRACK SEALANT REMOVAL PRIOR TO CIPR is hereby deleted. Meet the requirements of Special Provision 19 - COLD IN-PLACE RECYCLING to ensure that oversized sealant material is not incorporated into the recycled pavement.

-3-

Submitted: Wed, 04-Feb-2015 17:03 MST

Company: Nelcon, Inc.

Contact: Sam Weyers

Question:

SP #2 states NTP date to be 04-13-15. SP #19.C.1 states CIRR to be completed between May 15th and either Aug 1 or October 1. Will the NTP date be adjusted accordingly to SP 19?

Answer:

Submitted: Mon, 09-Feb-2015 15:34 MST

Special Provision 2 Contract time is hereby amended. The NTP will be issued with an effective date of 5/11/15.

-4-

Submitted: Mon, 09-Feb-2015 09:40 MST

Company: L & J Construction Group

Contact: Kevin Helling

Question:

1) Can the Class A & B repair be poured back with the modified concrete overlay monolithically? If not, what would the cure time be on the Class DD Bridge mix before placing overlay?

2) Will MDT pay Class A & B quantities on bridge decks receiving waterproof membrane? The Special Provisions says to patch holes with rapid set mix at contractor's expense. There is no bridge survey available for these structures. What quantity of patching should the contractor assume?

3) Can the transverse deck grooving be completed in one mobilization after both lanes have been poured?

Answer:

Submitted: Wed, 11-Feb-2015 45 MST

1) Yes. Standard Specification 562.03.6.A.3

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- 2) The Beaver Creek Structure at RP 107.33 is the only deck receiving waterproof membrane. A quantity of 16.0 Sq. Yd. of Class A Bridge Deck Repair is included in the event Class A repair is required. As stated in special provision 29, deck patching is included in the unit price bid for "Prepare Deck". Deck patching only includes areas of loose, broken concrete and spalls that are not intact.
- 3) Yes, dependent on the contractor's sequence of operations and traffic control plan.
-

-5-

Submitted: Mon, 09-Feb-2015 09:48 MST
Company: Century Companies, Inc.
Contact: Doug Welsh
Question:

Does the DOT anticipate the CIR needing a FOG & Blott process? Depending on the need, how would this be paid for?

Answer:

Submitted: Tue, 10-Feb-2015 14:07 MST

MDT does not anticipate the need for a Fog and Blot process on the CIR. If deemed necessary by the EPM, this work will be paid for with Miscellaneous Work.

104 - D5 IM FENCING - CHAIN LINK

|||||
Addendum:

Submitted: Thu, 05-Feb-2015 13:45 MDT

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

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

|||||

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 10:15 MST

The following Special Provision – Section 551 Revisions - is hereby added to this contract.

SPECIAL PROVISIONS

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

-1-

Submitted: Fri, 23-Jan-2015 10:22 MST
Company: Sloan Security Group
Contact: Rusty Sloan
Question:

- 1) Will there be a pre-bid meeting?
- 2) Is there going to be more project drawings and details?
- 3) What are the line post and corner posts sizes for the chain link?

Answer:

Submitted: Fri, 30-Jan-2015 14:17 MST

- 1) No.
- 2) No, unless it becomes necessary.

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3) In accordance with Subsection 712.01.3, meet ASTM F1043 Group IA Regular Grade using the following post sizes: Furnish Line posts equal to 1.900-inches, and End, Corner and Pull posts equal to 2.375-inches.

-2-

Submitted: Tue, 27-Jan-2015 10:36 MST

Company: 3 Bull Contracting LLC

Contact: Kelsey Allen

Question:

1) Section 712 says that a type 1, 2 or 3 chain link fence fabric will be specified in the contract. I have not found where it does though.

2) The Detailed Drawings, nor Section 712 reference a diameter for line posts/brace posts.

What would these be?

3) Does every line post need to be concreted in? Can they be driven?

Answer:

Submitted: Tue, 3-Feb-2015 11:45 MST

1) Furnish Type 1 fabric.

2) Please refer to the answer for Question #1 above.

3) In accordance with Subsection 607.03.3(A), "Set posts for 5, 6 and 8-foot (1.5, 1.8 and 2.4 m) fence in concrete." Except for wet areas described in the Special Provision 13) where posts can be driven.

-3-

Submitted: Thu, 29-Jan-2015 15:19 MST

Company: Bakken Fence

Contact: John Hayden

Question:

1) Please define what is an acceptable temp fence.

2) How many feet towards the highway can a temp fence be installed?

3) Item #607 000 050, can we assume the removal is incidental to this line item?

Answer:

Submitted: Fri, 30-Jan-2015 15:18 MST

Revised Answer:

Submitted: Thu, 05-Feb-2015 11:42 MST

1) Furnish a closure plan as described in Special Provision 13). Sequence the work to minimize the need for temporary fence. Temporary fence may be installed if approved by the Project Manager. Coordinate with adjacent landowners to determine the appropriate type of temporary closure, if needed. ~~Miscellaneous Work—Temporary Fence~~ Miscellaneous Items - Units bid item is hereby added to the contract ~~be~~ by addenda and will be paid in accordance with 109.04 of the Standard Specifications.

2) Do not install temporary fence within the construction clear zone, 30 feet from the edge of the travel lane.

3) See Standard Specification 607.04.7 and 607.05.

-4-

Submitted: Mon, 02-Feb-2015 13:11 MST

Company: Bakken Fence

Contact: John Hayden

Question:

Due to the federal participation on this project, will all steel fence items be required to be "made and melted" in America?

CURRENT QUESTIONS & ANSWERS

FEBRUARY 12, 2015 LETTING

Answer:

Submitted: Tue 03-Feb-2015 12:10 MST

Yes, meet the contract requirements, specifically section 106.09.

-5-

Submitted: Wed, 04-Feb-2015 14:46 MST

Company: 3 Bull Contracting LLC

Contact: Kelsey Allen

Question:

- 1) The Detailed Drawings are calling for a 3/8 cable or heavier while the specs call for a 7ga spiral tension wire or crimped wire which is industry standard. Would either work? How would a person get tension on a 3/8 cable if that was the requirement?
- 2) Does the chain like require a 1.2 oz. Zinc PSF (class 1)?

Answer:

Submitted: Fri, 06-Feb-2015 12:13 MST

1) The top cable, if required by Subsection 607.03.3(B), is to be 3/8" galvanized steel. The tension cable referred to in Subsection 712.01.7 is required along the bottom of the fence as shown in the Detailed Drawings.

2) In accordance with Subsection 712.01.1 and AASHTO M 181, the fabric may be coated with either Type 1 Zinc Class C at a rate of 1.2 oz/sqft or Zinc-5% aluminum-mischmetal alloy in accordance with ASTM B750 (hot-dipped) at a Class 2, or 1.0 oz/sqft, coating thickness as specified by ASTM F1345.

-6-

Submitted: Tue, 10-Feb-2015 12:53 MST

Company: Sloan Security Group

Contact: Collin Solan

Question:

- 1) Will there be any surveying necessary for fence locations?
- 2) How close must the new fence be located to the existing fence location?
- 3) Who will coordinate communication with the hundreds of landowners affected?
- 4) In Special Provision 13 Fences, could you confirm that all concrete footings must be removed from the ground and disposed of?
- 5) In Special Provision 1: Perform any required cutting of trees or shrubs between August 16th and April 15th. When will this occur for this project as we see the construction period outside of this time frame?
- 6) When a tree is leaning on the fence or the fence goes through a tree, shall it be removed?
- 7) How far back from the fence shall branches/trees be pruned?
- 8) Could vegetation removal be a pay item?
- 9) 1043 Group IA is a very expensive water pipe. Would 1043 Group IC (SS-40/WT-40) <http://atcfence.com/product/ss-40/> fence pipe be acceptable as it has similar strength and galvanization properties while being significantly lower cost?
- 10) Particularly in areas at around interchanges and exits, it is difficult to understand where the fences exact locations based on mile markers. Could you provide a better layout of the affected fence lines?
- 11) What are we to do when homeowners have mounted their sprinkler pipes/fences to the existing fences?
- 12) Adjacent to the oil refinery, the right-of-way fencing has 3 strands of barbed wire on top of the fence. Is this barbed wire to be removed and replaced?
- 13) Will there be an allowance for bad weather days in the schedule? Excessive wet conditions will make installation very difficult and destructive to turf/vegetation.

CURRENT QUESTIONS & ANSWERS

FEBRUARY 12, 2015 LETTING

- 14) We would suggest an additional 50 days be added to the project timeline to deal with disruptions from landowner notifications, weather delays and unknown other factors.
- 15) What is the standard procedure for removing fence posts around pipelines/utilities?
- 16) What is the standard procedure for installing fence posts around pipelines/utilities?
- 17) When a post foundation is removed may that hole be re-used for the new post?
- 18) Do fence posts need to be installed in undisturbed areas?
- 19) Do fence post holes need to be re-compacted with gravel as mentioned in the in 607.04.8?
- 20) Is it approved to dispose of excess fence foundation spoils around the fence excavation?
- 21) 607.04.07 C Post Holes Do all post holes need to be backfilled and compacted after post removal?
- 22) What compaction is required on fence posts? Is a new post with concrete intended for this?
- 23) Will slats that are existing in one location be re-installed?
- 24) Could there be a holes in rock pay item if they need to be drilled?

Answer:

Submitted: Wed, 11-Feb-2015 12:20 MST

- 1) No. All new fences are to be placed at the existing fence locations.
- 2) Place the fences back in the original location or as approved by the Project Manager.
- 3) It is the Contractor's responsibility to coordinate with the adjacent landowners, if necessary.
- 4) Yes.
- 5) The Notice to Proceed date is changed to March 2, 2015 to provide time for the Contractor to perform any necessary cutting of trees and brush prior to the April 15 deadline listed in Special Provision 10.
- 6) Remove the minimum amount necessary to complete the work in coordination with the Project Manager.
- 7) See Standard Specification 607.03.2.
- 8) No.
- 9) Group IC can be used; however the Galvanized must be performed after forming in accordance with ASTM A653 and A924.
- 10) All new fences are to be placed at the existing fence locations.
- 11) The Contractor is to salvage all privately owned pipes, fences, and encroaching items to the adjacent owner. Work will be paid under Miscellaneous Work.
- 12) The mentioned 3-strand wire configuration is to be installed on the new fence. The Project Manager will determine if the existing hardware and wire is to be salvaged for re-use or replaced in-kind. Work will be paid under Miscellaneous Work.
- 13) See section 107 and 108 of the Standard Specifications and Special Provision 13.
- 14) Complete the work in accordance with the Contract.
- 15) Comply with 107.18.
- 16) Comply with 107.18.
- 17) Yes, however the hole must meet the Contract requirements and all loose material must be removed.
- 18) I do not understand your question and therefore cannot provide an answer.
- 19) Comply with 607.04.7 C.
- 20) Yes, however the disposal must be blended evenly with the existing surface and comply with all environmental rules and regulations in accordance with the Contract.
- 21) If the post holes are not reused then meet the requirements listed in 607.04.07.
- 22) Furnish posts in concrete as described in the Contract. For driven posts, comply with 607.03.3.
- 23) The Project Manager will direct the Contractor to salvage for re-use or install new materials based upon conditions encountered during construction. Work will be paid under Miscellaneous Work.
- 24) No.

CURRENT QUESTIONS & ANSWERS
FEBRUARY 12, 2015 LETTING

105 - 5TH ST N & S - GREAT FALLS & 9TH ST S - 10TH TO 2ND - GF

|||||
Addendum:

Submitted: Thu, 05-Feb-2015 13:46 MDT

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

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

|||||

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

[SUBCONTRACTOR REPORT](#)

-1-

Submitted: Tue, 27-Jan-2015 11:17 MST

Company: Pavement Maintenance Solutions, Inc.

Contact: Chris Rasmussen

Question:

There appears to be Thermoplastic at several locations on this project. The plans and specifications do not address any special treatment of the existing Thermoplastic.

- 1) Will MDT require the contractor to preserve the Thermoplastic?
- 2) What is the quantity of Thermoplastic on the project?
- 3) Will MDT add the pay item "Thermoplastic Treatment" to this project?

Answer:

Submitted: Mon, 02-Feb-2015 08:52 MST

1) The contractor is not required to preserve the Thermoplastic pavement markings.

2) The Thermoplastic pavement markings consist of:

a) 6 – single arrows, 2 – combination arrows, 4 – “Only” symbols

b) 490’ of 8” stripe/cross walks

c) 125’ of 24” Stop Bars, 64’ of 24” Ladder Crosswalk

3) Thermoplastic Treatment measured as Lump Sum will be added by addendum.

The following special provision for THERMOPLASTIC TREATMENT is added to the contract:

THERMOPLASTIC TREATMENT [620] (REVISED 8-16-11)

A. Description. This work is the preparation of existing thermoplastic pavement markings prior to the seal coat application.

B. Construction. Mechanically scarify and roughen existing thermoplastic pavement marking surfaces to produce a uniformly roughened surface that, when sealed, is smooth and matches adjacent surfaces.

C. Method of Measurement. Thermoplastic treatment is measured as a lump sum.

D. Basis of Payment. Payment for the completed and accepted quantities is made under the following:

PAY ITEM	PAY UNIT
Thermoplastic Treatment	Lump Sum

Payment at the contract unit price is full compensation for all resources necessary to complete the item of work under the contract.

CURRENT QUESTIONS & ANSWERS
FEBRUARY 12, 2015 LETTING

106 - SF129 - GUARDRAIL E DESMET INTCH

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

No Questions at this time.

107 - SF129 - LIGHTING HUSON INTERCHANGE

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 10:15 MST

The following Special Provision – Section 551 Revisions - is hereby added to this contract.

SPECIAL PROVISIONS

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

No Questions at this time.

108 - SF129 - ADVANCE FLASHER N BIG FORK

-1-

Clarification:

Submitted: Mon, 09-Feb-2015 10:15 MST

The following Special Provision – Section 551 Revisions - is hereby added to this contract.

SPECIAL PROVISIONS

-2-

Clarification:

Submitted: Mon, 09-Feb-2015 15:55 MST

Special Provision #7 – Subcontractor Report – is hereby replaced with the following:

SUBCONTRACTOR REPORT

No Questions at this time.