



North Dakota Department of Transportation

Grant Levi, P.E.
Director

Jack Dalrymple
Governor

December 8, 2015

ADDENDUM 2 – JOB 10

TO: All prospective bidders on project SHE-4-083(113)219, Job No. 10, scheduled for the December 16, 2015 bid opening.

The following plan and request for proposal revisions shall be made:

Plan Revisions:

Remove and replace sheets 2-1, 6-1, 8-1 and 8-2 with the enclosed sheets revised 12/4/2015.

Sheet 2-1:

Section 8 is reduced from 2 sheets to 1 sheet.

Sheet 6-1:

Note 403-P01 COMMERCIAL GRADE HOT MIX ASPHALT has been added.

Note 430-P02 COMMERCIAL GRADE HOT MIX ASPHALT has been added.

Sheet 8-1:

Item 430 0043 SUPERPAVE FAA 43 has been deleted, quantity 2,106 TON.

Item 430 0500 COMMERCIAL GRADE HOT MIX ASPHALT has been added, quantity 2,106 TON.

Item 706 0550 BITUMINOUS LABORATORY has been deleted, quantity 1 EA.

Item 706 0600 CONTRACTORS LABORATORY has been deleted, quantity 1 EA.

Sheet 8-2:

Page has been removed due to deleted bid items.

Request for Proposal Revisions:

Remove and replace page 7 to 9 of 11 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed page revised 12/8/2015.

Page 7 of 11:

Item 430 0043 SUPERPAVE FAA 43 has been deleted, quantity 2,106 TON.

Item 430 0500 COMMERCIAL GRADE HOT MIX ASPHALT has been added, quantity 2,106 TON.

Page 8 of 11:

Item 706 0550 BITUMINOUS LABORATORY has been deleted, quantity 1 EA.

Item 706 0600 CONTRACTORS LABORATORY has been deleted, quantity 1 EA.

Page 9 of 11:
Items have shifted due to deleted bid items.

This addendum is to be incorporated into the bidder's proposal for this project.

Expedite bid files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> or the Department's web page (<http://www.dot.nd.gov>) and load it into the Expedite program.



CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:dch

Enclosure

BID ITEMS

Project: SHE-4-083(113)219 (PCN-18917)

Bidder must type or neatly print unit prices in numerals, make extensions for each item, and total. Do not carry unit prices further than three (3) decimal places.

Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
001	103	0100	CONTRACT BOND	L SUM	1.				
002	202	0137	REMOVAL OF PAVEMENT	SY	4,308.				
003	203	0101	COMMON EXCAVATION-TYPE A	CY	844.				
004	203	0109	TOPSOIL	CY	1,993.				
005	203	0140	BORROW-EXCAVATION	CY	4,774.				
006	216	0100	WATER	M GAL	159.				
007	251	0200	SEEDING CLASS II	ACRE	2.803				
008	251	2000	TEMPORARY COVER CROP	ACRE	2.803				
009	253	0101	STRAW MULCH	ACRE	5.606				
010	255	0101	ECB TYPE 1	SY	42.				
011	261	0112	FIBER ROLLS 12IN	LF	1,450.				
012	261	0113	REMOVE FIBER ROLLS 12IN	LF	1,450.				
013	302	0120	AGGREGATE BASE COURSE CL 5	TON	6,948.				
014	401	0050	TACK COAT	GAL	394.				
015	401	0060	PRIME COAT	GAL	2,867.				
016	430	0500	COMMERCIAL GRADE HOT MIX ASPHALT	TON	2,106.				

BID ITEMS

Project: SHE-4-083(113)219 (PCN-18917)

Bidder must type or neatly print unit prices in numerals, make extensions for each item, and total. Do not carry unit prices further than three (3) decimal places.

Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$\$	000	\$\$\$\$\$	00
017	430	1000	CORED SAMPLE	EA	9.				
018	430	5828	PG 58-28 ASPHALT CEMENT	TON	126.				
019	702	0100	MOBILIZATION	L SUM	1.				
020	704	0100	FLAGGING	MHR	200.				
021	704	1000	TRAFFIC CONTROL SIGNS	UNIT	1,869.				
022	704	1060	DELINEATOR DRUMS	EA	73.				
023	704	1067	TUBULAR MARKERS	EA	64.				
024	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	920.				
025	714	0615	PIPE CONC REINF 24IN CL III	LF	16.				
026	714	9660	REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	2.				
027	754	0592	RESET SIGN PANEL	EA	4.				
028	754	0593	RESET SIGN SUPPORT	EA	7.				
029	754	0805	OBJECT MARKERS - CULVERTS	EA	4.				
030	760	0005	RUMBLE STRIPS - ASPHALT SHOULDER	MILE	.450				
031	762	0103	PVMT MK PAINTED-MESSAGE	SF	144.				
032	762	1104	PVMT MK PAINTED 4IN LINE	LF	12,652.				

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Revised 12/8/2015	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
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INDEX OF DRAWINGS

LIST OF STANDARD DRAWINGS

SECTION	SHEET	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	1	Title Sheet	D-101-1, 2, 3	NDDOT Abbreviations
2	1	Table of Contents	D-101-10	NDDOT Utility Company and Organization Abbreviations
4	1	Scope of Work	D-101-20, 21	Line Styles
6	1	Notes	D-101-30, 31, 32	Symbols
6	2	Environmental Commitments	D-203-6	Standard 90 Degree Flared Intersection
8	1	Quantities	D-255-2	Erosion And Siltation Control - Erosion Control Blanket Installation
10	1	Basis of Estimate	D-261-1	Erosion Control - Fiber Roll Placement Details
11	1 - 2	Data Tables	D-704-7	Breakaway Systems For Construction Zone Signs - Perforated Tube
20	1 - 2	General Details, Super Elevation Tables, & Layouts	D-704-8	Breakaway Systems For Construction Zone Signs - U-Channel Post
30	1 - 2	Typical Sections	D-704-9	Construction Sign Details - Terminal And Guide Signs
40	1 - 4	Removals	D-704-10	Construction Sign Details - Regulatory Signs
50	1	Hydraulic Data	D-704-11	Construction Sign Details - Warning Signs
51	1	Allowable Pipe List	D-704-12	Shoulder Closure Tapers
60	1 - 5	Plan & Profile	D-704-13	Barricade And Channelizing Device Details
75	1 - 2	Wetlands, Mitigation and Environmental	D-704-14	Construction Sign Punching And Mounting Details
76	1 - 4	Temporary Sediment and Erosion Control	D-704-19	Road Closure And Lane Closure On A Two Way Road Layouts
77	1 - 4	Permanent Sediment and Erosion Control	D-704-20	Terminal And Seal Coat Sign Layouts
82	1 - 2	Survey Data Layouts	D-704-24	Shoulder Closures And Bridge Painting Layouts
100	1 - 2	Work Zone Traffic Control	D-704-26	Miscellaneous Sign Layouts
110	1	Signing	D-704-27	Traffic Control Plan For Moving Operations
200	1 - 13	Cross Sections	D-704-50	Portable Sign Support Assembly
			D-704-56	Mobile Operation (Grinding Shoulder Rumble Strips)
			D-706-1	Bituminous Laboratory
			D-708-6	Erosion And Siltation Controls - Median Or Ditch Inlet Protection
			D-714-1	Reinforced Concrete Pipe Culverts And End Sections (Round Pipe)
			D-714-22	Concrete Pipe Or Precast Concrete Box Culvert Ties
			D-714-26	Transverse Mainline Pipe Excavation And Installation Detail For Pipes 4 Feet Or Less Below Top Of Subgrade
			D-754-23	Perforated Tube Assembly Details
			D-754-24, 25	Mounting Details Perforated Tube
			D-754-27, 29, 32	Sign Punching, Stringer And Support Location Details Regulatory, Warning, And Guide Signs
			D-754-82	Object Markers
			D-754-83	Object Markers - Culverts
			D-760-3	Rumble Strips Undivided Highways (Shoulders 4' Or Greater)
			D-762-1	Pavement Marking Message Details
			D-762-4	Pavement Marking

SPECIAL PROVISIONS

SP NO.	DESCRIPTION
SP 3(14)	Temporary Erosion and Sediment Best Management Practices

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SHE-4-083(113)219	6	1

NOTES**GENERAL NOTES**

- 100-P01 WORK SCHEDULE: Organize a weekly meeting to coordinate the efforts between subcontractors, utilities, local authorities, and others
- 100-P02 SURVEY OFFICE LOCATION: An office location was established for the centerlines of the roadway (OCL_218_9, OCL_223_9, and OCL_226_9). The plans have been developed using the office location. Unless otherwise stated, stationing for US 83 will be based on the OCL_218_9, OCL_223_9, and OCL_226_9 alignments.
- 200-010 SHRINKAGE: 25 percent additional volume is included for shrinkage in earth embankment.
- 202-P01 PAVEMENT REMOVAL: All bituminous pavements and aggregate paid for as removal have been deducted from the excavation quantity.
- 430-P01 COMMERCIAL GRADE HOT MIX ASPHALT: The contractor must use a commercial grade asphalt mix that meets Superpave FAA 43 requirements.
- Include Prime, Tack, and PG 58-28 oil in the contract unit price bid for "Commercial Grade Hot Mix Asphalt".
- 430-P02 COMMERCIAL GRADE HOT MIX ASPHALT: Contractor is responsible for sampling and testing of the mix for each days production. The results will be given to the engineer for determining "Calculated Density" for the lot. Tests to be conducted are: ND T 312, ND T 166, and ND T 209 as found in Table 430-7 in the FSTM, performed by certified contractors personal or a qualified testing lab.
- Calculated Density is required on all lifts and turn lane locations. Table 430-12 will be followed for pay adjustments.
- Cores will be required for each lift at every location. Locations will be marked by the engineer. These cores will be used to determine calculated densities.
- Include all cost's related to testing of the HMA in the contract unit price bid for "Commercial Grade Hot Mix Asphalt".
- 704-P01 TRAFFIC CONTROL DEVICES: The Traffic Control Devices List has been developed using the plan sheets and the following layouts on the standard drawings for traffic control:
- D-704-7, 8, 9, 10, 11, 12, 13, and 14 as applicable
D-704-19 Type F – Road Closure and Lane Closure on a Two Way Road Layouts
D-704-20 Type G – Terminal Sign Layout
D-704-24 Type R – Shoulder Closures and Bridge Painting Layouts
- 704-255 TRAFFIC CONTROL FOR SHOULDER DROP-OFF: If the shoulder and adjacent driving lane are not even at the end of the day, the following criteria will apply:
- Place the following sign assembly at the locations listed below.
- Sign Assembly: Sign No. W8-9a-48 "Shoulder Drop Off" and supplemental plate Sign No. W20-52-54 to identify the distance
- Location:
- In advance of the drop off;
 - Spaced at each mile from the advance sign; and
 - At major intersections (CMC routes, state and US highways, and Interstate Ramps).
- If the difference in elevation between the shoulder and the driving lane is 2" or greater, construct a slough on the driving lane that is 4:1 or flatter.

If the difference in elevation between the shoulder and riving lane is less than 2", no slough is required.

Sign assemblies will be measured and paid for according to Section 704 "Temporary Traffic Control".

This document was originally issued and sealed by Aaron Murra, Registration Number PE-6536, on 12/8/15 and the original document is stored at the North Dakota Department of Transportation.

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SHE-4-083(113)219	8	1

REVISED 12/08/2015

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
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103	0100 CONTRACT BOND	L SUM	1	1
202	0137 REMOVAL OF PAVEMENT	SY	4,308	4,308
203	0101 COMMON EXCAVATION-TYPE A	CY	844	844
203	0109 TOPSOIL	CY	1,993	1,993
203	0140 BORROW-EXCAVATION	CY	4,774	4,774
216	0100 WATER	M GAL	159	159
251	0200 SEEDING CLASS II	ACRE	2.803	2.803
251	2000 TEMPORARY COVER CROP	ACRE	2.803	2.803
253	0101 STRAW MULCH	ACRE	5.606	5.606
255	0101 ECB TYPE 1	SY	42	42
261	0112 FIBER ROLLS 12IN	LF	1,450	1,450
261	0113 REMOVE FIBER ROLLS 12IN	LF	1,450	1,450
302	0120 AGGREGATE BASE COURSE CL 5	TON	6,948	6,948
401	0050 TACK COAT	GAL	394	394
401	0060 PRIME COAT	GAL	2,867	2,867
430	0500 COMMERCIAL GRADE HOT MIX ASPHALT	TON	2,106	2,106
430	1000 CORED SAMPLE	EA	9	9
430	5828 PG 58-28 ASPHALT CEMENT	TON	126	126
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	200	200
704	1000 TRAFFIC CONTROL SIGNS	UNIT	1,869	1,869
704	1060 DELINEATOR DRUMS	EA	73	73
704	1067 TUBULAR MARKERS	EA	64	64
704	1500 OBLITERATION OF PAVEMENT MARKING	SF	920	920
714	0615 PIPE CONC REINF 24IN CL III	LF	16	16
714	9660 REMOVE & RELAY END SECTION-ALL TYPE & SIZES	EA	2	2
754	0592 RESET SIGN PANEL	EA	4	4
754	0593 RESET SIGN SUPPORT	EA	7	7
754	0805 OBJECT MARKERS - CULVERTS	EA	4	4
760	0005 RUMBLE STRIPS - ASPHALT SHOULDER	MILE	0.45	0.45
762	0103 PVMT MK PAINTED-MESSAGE	SF	144	144
762	1104 PVMT MK PAINTED 4IN LINE	LF	12,652	12,652
762	1108 PVMT MK PAINTED 8IN LINE	LF	1,781	1,781