



North Dakota Department of Transportation

Grant Levi, P.E.
Director

Doug Burgum
Governor

March 9, 2017

ADDENDUM 1 – JOB 13

TO: All prospective bidders on project NH-3-002(154)209, NH-3-002(153)209 & NH-3-002(152)209, Job No. 13 scheduled for the March 17, 2017 bid opening.

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

Plan Revisions:

Remove and replace sheets 6-1, 8-2, 8-3 and 10-2 with the enclosed sheets revised 3/2/17 and 3/9/17.

Sheet 6-1:

Note 430-P02 BITUMINOUS PAVING was deleted.

Note 430-100 HMA LONGITUDINAL JOINTS was added.

Sheet 8-2:

Item 302 0120 AGGREGATE BASE COURSE CL 5; 226.39 Ton was deleted.

Sheet 8-3:

Item 760 0005 RUMBLE STRIPS-ASPHALT SHOULDER; quantity increased from 3.2 to 26 MILE.

Sheet 10-2:

Added a summary of Class 5 Aggregate.

Request for Proposal Revisions:

Remove and replace pages 5-6 of 8 of the Proposal pages located at the beginning of the Request for Proposal, with the enclosed pages revised 3/9/2017.

Page 5 of 8:

Item 302 0120 AGGREGATE BASE COURSE CL 5; quantity decreased from 452.78 to 226.39 Ton.

Page 6 of 8:

Item 760 0005 RUMBLE STRIPS-ASPHALT SHOULDER; quantity increased from 3.2 to 26 MILE.

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

AASHTOWare Project Bids files should be updated by downloading the addendum file from the Bid Express on-line bidding exchange at <http://www.bidx.com/> and load it into the AASHTOWare Project Bids program.

For 
CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER

80:plm

Enclosure

BID ITEMS

Projects: NH-3-002(154)209 (PCN-21659), NH-3-002(153)209 (PCN-21658), and NH-3-002(152)209 (PCN-21657)

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	230	0125	SHOULDER PREPARATION	MILE	33.800				
003	302	0120	AGGREGATE BASE COURSE CL 5	TON	226.390				
004	401	0050	TACK COAT	GAL	14,721.290				
005	401	0070	FOG SEAL	GAL	11,451.				
006	411	0105	MILLING PAVEMENT SURFACE	SY	334,015.				
007	430	0145	RAP - SUPERPAVE FAA 45	TON	51,462.600				
008	430	1000	CORED SAMPLE	EA	229.				
009	430	2000	PATCHING	TON	78.				
010	430	5828	PG 58-28 ASPHALT CEMENT	TON	2,572.				
011	702	0100	MOBILIZATION	L SUM	1.				
012	704	0100	FLAGGING	MHR	2,048.				
013	704	1000	TRAFFIC CONTROL SIGNS	UNIT	2,505.				
014	704	1052	TYPE III BARRICADE	EA	15.				
015	704	1060	DELINEATOR DRUMS	EA	36.				
016	704	1067	TUBULAR MARKERS	EA	800.				

BID ITEMS

Projects: NH-3-002(154)209 (PCN-21659), NH-3-002(153)209 (PCN-21658), and NH-3-002(152)209 (PCN-21657)

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	704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	2.				
018	706	0550	BITUMINOUS LABORATORY	EA	1.				
019	706	0600	CONTRACTOR'S LABORATORY	EA	1.				
020	722	6140	ADJUST GATE VALVE BOX	EA	2.				
021	750	0115	SIDEWALK CONCRETE 4IN	SY	21.780				
022	750	2115	DETECTABLE WARNING PANELS	SF	28.				
023	760	0005	RUMBLE STRIPS - ASPHALT SHOULDER	MILE	26.				
024	762	0103	PVMT MK PAINTED-MESSAGE	SF	2,031.				
025	762	0430	SHORT TERM 4IN LINE-TYPE NR	LF	24,028.				
026	762	0434	SHORT TERM 8IN LINE-TYPE NR	LF	10,267.				
027	762	1104	PVMT MK PAINTED 4IN LINE	LF	216,952.				
028	762	1108	PVMT MK PAINTED 8IN LINE	LF	11,227.				
029	762	1124	PVMT MK PAINTED 24IN LINE	LF	72.				
			TOTAL SUM BID						

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-3-002(152)209	6	1
	NH-3-002(153)209		
	NH-3-002(154)209		

NOTES

- 102-P01 TIED PROJECTS: The contract bond, mobilization, Bituminous Laboratory and Contractor Laboratory items will be paid for under project NH-3-002(154)209 for all three tied projects.
- 107-700 HAUL ROADS: The Engineer will not designate paved roads off the state system as haul roads.
- 107-710 HAUL ROADS: Before submitting a proposal, contact the appropriate State, County, Township, or City officials to determine if there are any roadways that will be designated as "no haul routes".
- 107-P01 HAUL ROAD: The entire haul cycle, loaded and empty, will be considered for haul routes.
- 107-P02 HAUL ROAD: If the contractor obtains written permission from the applicable local entity and chooses to use a paved road off the state system for this project, the contractor shall be responsible for all costs of the inspection, maintenance, restoration, and release of the haul road.
- 107-P03 HAUL ROAD RESTORATION: Use Class 13 aggregate for haul road restoration.
- 411-P01 MILLING PAVEMENT SURFACE: All remaining milled material from the project not used for the production of recycled hot bituminous pavement shall become the property of the NDDOT and be hauled and stockpiled at the NDDOT Maintenance Yard west in Rugby at 617 1st Street NE, ND, 58368. Use a pay-loader when pushing up the material on the stockpile. Process the millings so that the maximum particle size does not exceed 1-1/2". Notify the Engineer 72 hours prior to dropping off any millings. Include all costs associated with this work in the contract unit price for "MILLING PAVEMENT SURFACE".
- 411-P02 MILLING PAVEMENT SURFACE: Milled areas on NH-3-002(153)209 Rugby Frontage Rd's shall be paved within 24 HRs of milling operations.
- 430-P01 CONTRACTOR CORING: Before placing bituminous material into core holes, apply a tack coat on all sides of the core holes as Specified in Section 401.
- 430-100 HMA LONGITUDINAL JOINTS: Construct the joints within the final lift of pavement as detailed within this note.

Place a longitudinal joint at the centerline of the roadway.
 Construct each lane and the adjoining shoulder using a single pass or a hot seam.

- A hot seam is defined as follows:
- Constructed using two pavers simultaneously;
 - No more than 300 feet between pavers; and
 - Roll the seam between paver passes in a manner such that the seam is not visible.

- 704-100 TRAFFIC CONTROL SUPERVISOR: Provide a Traffic Control Supervisor.
- 704-P01 TRAFFIC CONTROL FOR HMA OVERLAYS: Provide traffic control consisting of a temporary lane closure and flagging.

One day's production is defined as the length of roadway that can be paved in a single day plus the length of roadway that can be milled in a single day.

For estimating purposes, the traffic control device list is based on a 6 mile work zone and the following list:

1. Standard D-704-20, Type G. Signing will be required at junctions: Hwy 3, 30th Ave NE, and 36th Ave NE;
2. Standard D-704-22, Types K and L;
3. Standard D-704-26, Type CC, EE, and GG;
4. Standard D-704-34 – quantities include 36 delineator drums for approaches; and
5. Standard D-704-34A.

If all or portions of the lane closure are removed and uneven lanes exist, provide traffic control as specified in Section 704.04 O, "Traffic Control for Uneven Pavement".

Complete work in a manner such that lane closures can safely be removed if no work is to take place for more than 3 consecutive days. Remove lane closures if no work is to take place for more than 3 consecutive days.

The Department will pay for all necessary deployed devices, regardless of the number and length of the lane closures.

- 750-P01 If soil is disturbed when placing Sidewalk Concrete, reshape and seed the disturbed areas with Class II Seed Mix as specified in Section 251. Include the costs for this work in the bid price for "SIDEWALK CONCRETE 4IN".
- 762-050 PAVEMENT MARKING: If the Engineer and Contractor agree, plan quantity will be used as the measurement for payment for pavement marking items.

- 762-P01 SHORT TERM 4IN LINE-TYPE NR: Quantity for two applications of short term centerline pavement marking has been included in the plans. Additional applications required to accommodate the contractor's operation shall be at the contractor's expense.
 - One application for Milling Pavement Surface
 - One application for RAP - Superpave FAA 45

This document was originally issued and sealed by Darin Lindblom, Registration Number PE-8780, on 03/02/2017 and the original document is stored at the North Dakota Department of Transportation.

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-3-002(153)209	8	2

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
230	0125 SHOULDER PREPARATION	MILE	3.3	3.3
401	0050 TACK COAT	GAL	1,885	1,885
401	0070 FOG SEAL	GAL	1,885	1,885
411	0105 MILLING PAVEMENT SURFACE	SY	18,838	18,838
430	0145 RAP - SUPERPAVE FAA 45	TON	5,214	5,214
430	1000 CORED SAMPLE	EA	30	30
430	2000 PATCHING	TON	78	78
430	5828 PG 58-28 ASPHALT CEMENT	TON	260	260
704	0100 FLAGGING	MHR	800	800
704	1067 TUBULAR MARKERS	EA	100	100
722	6140 ADJUST GATE VALVE BOX	EA	2	2
750	0115 SIDEWALK CONCRETE 4IN	SY	21.78	21.78
750	2115 DETECTABLE WARNING PANELS	SF	28	28

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-3-002(154)209	8	3

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
103	0100 CONTRACT BOND	L SUM	1	1
230	0125 SHOULDER PREPARATION	MILE	26	26
302	0120 AGGREGATE BASE COURSE CL 5	TON	226.39	226.39
401	0050 TACK COAT	GAL	6,337.12	6,337.12
401	0070 FOG SEAL	GAL	4,575	4,575
411	0105 MILLING PAVEMENT SURFACE	SY	272,820	272,820
430	0145 RAP - SUPERPAVE FAA 45	TON	31,806	31,806
430	1000 CORED SAMPLE	EA	149	149
430	5828 PG 58-28 ASPHALT CEMENT	TON	1,589	1,589
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	768	768
704	1000 TRAFFIC CONTROL SIGNS	UNIT	1,350	1,350
704	1052 TYPE III BARRICADE	EA	15	15
704	1060 DELINEATOR DRUMS	EA	36	36
704	1067 TUBULAR MARKERS	EA	500	500
704	1087 SEQUENCING ARROW PANEL-TYPE C	EA	2	2
706	0550 BITUMINOUS LABORATORY	EA	1	1
706	0600 CONTRACTOR'S LABORATORY	EA	1	1
760	0005 RUMBLE STRIPS - ASPHALT SHOULDER	MILE	26	26
762	0103 PVMT MK PAINTED-MESSAGE	SF	246	246
762	0430 SHORT TERM 4IN LINE-TYPE NR	LF	17,032	17,032
762	1104 PVMT MK PAINTED 4IN LINE	LF	153,292	153,292
762	1108 PVMT MK PAINTED 8IN LINE	LF	960	960

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	NH-3-002(152)209	10	2
		NH-3-002(153)209		
		NH-3-002(154)209		

NH-3-002(152)209

NH-3-002(154)209

Short Term Pavement Marking	
Mainline	Amount
Centerline - 4" Yellow, 10' Line, 30' Skip	5,540.00 LF
Centerline - 4" Yellow, Barrier Line	1,456.00 LF
Channel Line - 8" White	10,267.00 LF

Short Term Pavement Marking	
Mainline	Amount
Centerline - 4" Yellow, 10' Line, 30' Skip	34066 LF
Channel Line - 8" White	960.000 LF

Permanent Pavement Marking	
Mainline	Amount
Centerline - 4" Yellow 10' Line, 30' skip	5540 LF
Centerline - 4" Yellow, Barrier Line	35568.000 LF
Edge Lines - 4" White	22552 LF
Channel Line - 8" White	10267 LF
Stop Bar - 24" White	72 LF

Permanent Pavement Marking	
Mainline	Amount
Centerline - 4" Yellow 10' Line, 30' skip	17033 LF
Edge Lines - 4" Yellow	68130.000 LF
Edge Lines - 4" White	68130 LF
Channel Line - 8" White	960 LF

Pavement Marking Message			
Arrow	15 SF/Each	119 Each	1,785 SF

Pavement Marking Message			
Arrow	15 SF/Each	18 Each	270 SF

Rumble Strips				
NH-3-002(154)209				
Item	Begin Station	End Station	Road Miles	Total Miles
RUMBLE STRIPS - ASPHALT SHOULDER	1188+00	1874+30	13.00 Miles	26 Miles

NH-3-002(154)209	
CL 5 Aggregate (Ton)	
Approaches	176
Overages	50
Total	226

Milling Pavement Surface 2" to 0"					
Location	Begin Sta	End Sta	Length (ft)	Width (ft)	Qty
US 2 Beginning Milled Taper	1069+80	1070+80	100	76	844 SY

Milling Pavement Surface 3/4" to 2"					
Location	Begin Sta	End Sta	Length (ft)	Width (ft)	Qty
US 2 End Milled Taper	1873+30	1874+30	100	33.33	370 SY

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Basis of Estimate