

November 28, 2023

ADDENDUM 2 – JOB 23636

TO: All prospective bidders on Projects IM-6-029(164)163, Job No. 23636 scheduled for the December 8, 2023 bid opening.

The following revision(s) shall be made:

Plan Revisions:

See attached summary from Jason Thorenson, P.E. dated November 28, 2023 for an explanation.

Request for Proposal Revisions:

- Remove and replace pages 5 thru 8 of 10 of the Proposal pages located at the beginning of the Request for Proposal with pages revised November 28, 2023.
- Bid Item Changes are summarized in the Plan Addendum Summary and Approval.

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.



PHILLIP MURDOFF, P.E. – CONSTRUCTION SERVICES ENGINEER

80: jwj

Enclosure

PLAN ADDENDUM SUMMARY AND APPROVAL

PROJECT INFORMATION			
Project:	IM-6-029(164)163	PCN:	23636
Location:	Various Structures – Grand Forks District		
Date:	11/27/2023	Lead Designer:	Jacob Gathman
Bid Opening Date:	12/8/2023	JOB#:	23636
		Addendum#:	2

PLAN SHEET CHANGES		
Section	Sheet	Description
8	2	Sheet Revised: see chart below.
110	1	Sheet Revised: Changed signs for Assembly 387 to Type IV sheeting.
110	3	Sheet Revised: Changed sign description to Type XI sheeting.

CHANGES MADE TO BID ITEMS FOR JOB					
Spec	Code	Description	Unit	Previous Quantity	Revised Quantity
754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	38	21
754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	0	17

APPROVAL

Should the revisions described above be processed as a plan addendum?

Yes No

Jason Thorenson

 Jason Thorenson, P.E. – Bridge Engineer

11/28/23
 Date

BID ITEMS

Project: IM-6-029(164)163 (PCN-23636)

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	0111	REMOVAL OF CONCRETE	L SUM	1.				
003	202	0132	REMOVAL OF BITUMINOUS SURFACING	SY	497.				
004	202	0169	REMOVAL OF END SECTION-ALL TYPES & SIZES	EA	6.				
005	202	0174	REMOVAL OF PIPE ALL TYPES AND SIZES	LF	539.				
006	203	0113	COMMON EXCAVATION-WASTE	CY	78.				
007	210	0102	CLASS 1 EXCAVATION-SITE 1	L SUM	1.				
008	210	0103	CLASS 1 EXCAVATION-SITE 2	L SUM	1.				
009	251	0200	SEEDING CLASS II	ACRE	.370				
010	251	2000	TEMPORARY COVER CROP	ACRE	.370				
011	253	0101	STRAW MULCH	ACRE	.740				
012	255	0102	ECB TYPE 2	SY	124.				
013	261	0112	FIBER ROLLS 12IN	LF	1,174.				
014	302	0050	TRAFFIC SERVICE AGGREGATE	TON	240.				
015	302	0120	AGGREGATE BASE COURSE CL 5	TON	280.				
016	401	0050	TACK COAT	GAL	1,294.200				

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
017	401	0070	FOG SEAL	GAL	1,234.500				
018	411	0100	MILLING PAVEMENT SURFACE	TON	2,682.				
019	430	0043	SUPERPAVE FAA 43	TON	2,894.				
020	430	1000	CORED SAMPLE	EA	35.				
021	430	5815	PG 58S-34 ASPHALT CEMENT	TON	173.500				
022	602	0130	CLASS AAE-3 CONCRETE	CY	542.400				
023	602	1250	PENETRATING WATER REPELLENT TREATMENT	SY	1,700.				
024	612	0115	REINFORCING STEEL-GRADE 60	LBS	1,776.				
025	612	0116	REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	140,024.				
026	702	0100	MOBILIZATION	L SUM	1.				
027	704	0100	FLAGGING	MHR	100.				
028	704	1000	TRAFFIC CONTROL SIGNS	UNIT	3,908.				
029	704	1018	LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1.				
030	704	1041	ATTENUATION DEVICE-TYPE B-55	EA	2.				
031	704	1045	ATTENUATION DEVICE-TYPE B-75	EA	2.				
032	704	1052	TYPE III BARRICADE	EA	14.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
033	704	1060	DELINEATOR DRUMS	EA	140.				
034	704	1067	TUBULAR MARKERS	EA	119.				
035	704	1087	SEQUENCING ARROW PANEL-TYPE C	EA	2.				
036	704	1500	OBLITERATION OF PAVEMENT MARKING	SF	400.				
037	704	3511	STATE FURNISHED MEDIAN BARRIER	LF	1,160.				
038	706	0550	BITUMINOUS LABORATORY	EA	1.				
039	706	0600	CONTRACTOR'S LABORATORY	EA	1.				
040	709	0100	GEOSYNTHETIC MATERIAL TYPE G	SY	530.				
041	714	1310	PIPE CONC REINF 60IN CL III	LF	320.				
042	714	3055	END SECT-CONC REINF 60IN	EA	4.				
043	748	0141	CURB & GUTTER-TYPE 1 SPECIAL	LF	120.				
044	754	0110	FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	21.				
045	754	0112	FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	17.				
046	754	0168	DELINEATORS-TYPE D	EA	2.				
047	754	0206	STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	46.				
048	762	0420	SHORT TERM 4IN LINE-TYPE R	LF	16,800.				

BID ITEMS

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Item No.	Spec No.	Code No.	Description	Unit	Approx. Quantity	Unit Price		Amount	
						\$\$\$\$	000	\$\$\$\$	00
049	762	0426	SHORT TERM 24IN LINE-TYPE R	LF	24.				
050	762	0430	SHORT TERM 4IN LINE-TYPE NR	LF	23,660.				
051	762	0436	SHORT TERM 24IN LINE-TYPE NR	LF	390.				
052	762	1104	PVMT MK PAINTED 4IN LINE	LF	32,212.				
053	762	1124	PVMT MK PAINTED 24IN LINE	LF	195.				
054	764	0131	W-BEAM GUARDRAIL	LF	466.				
055	764	0145	W-BEAM GUARDRAIL END TERMINAL	EA	8.				
056	764	0151	REMOVE W-BEAM GUARDRAIL & POSTS	LF	691.				
057	764	2081	REMOVE END TREATMENT & TRANSITION	EA	8.				
058	930	3000	BRIDGE BENCH MARKS	SET	2.				
059	930	7012	ROADWAY CANOPY	L SUM	1.				
060	930	8686	AGGREGATE SLOPE PROTECTION	SY	792.				
061	930	9223	CRACK SEALING	LF	6.				
			TOTAL SUM BID						

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	IM-6-029(164)163	8	1

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
103	0100 CONTRACT BOND	L SUM	1	1
202	0111 REMOVAL OF CONCRETE	L SUM	1	1
202	0132 REMOVAL OF BITUMINOUS SURFACING	SY	497	497
202	0169 REMOVAL OF END SECTION-ALL TYPES & SIZES	EA	6	6
202	0174 REMOVAL OF PIPE ALL TYPES AND SIZES	LF	539	539
203	0113 COMMON EXCAVATION-WASTE	CY	78	78
210	0102 CLASS 1 EXCAVATION-SITE 1	L SUM	1	1
210	0103 CLASS 1 EXCAVATION-SITE 2	L SUM	1	1
251	0200 SEEDING CLASS II	ACRE	0.37	0.37
251	2000 TEMPORARY COVER CROP	ACRE	0.37	0.37
253	0101 STRAW MULCH	ACRE	0.74	0.74
255	0102 ECB TYPE 2	SY	124	124
261	0112 FIBER ROLLS 12IN	LF	1,174	1,174
302	0050 TRAFFIC SERVICE AGGREGATE	TON	240	240
302	0120 AGGREGATE BASE COURSE CL 5	TON	280	280
401	0050 TACK COAT	GAL	1,294.2	1,294.2
401	0070 FOG SEAL	GAL	1,234.5	1,234.5
411	0100 MILLING PAVEMENT SURFACE	TON	2,682	2,682
430	0043 SUPERPAVE FAA 43	TON	2,894	2,894
430	1000 CORED SAMPLE	EA	35	35
430	5815 PG 58S-34 ASPHALT CEMENT	TON	173.5	173.5
602	0130 CLASS AAE-3 CONCRETE	CY	542.4	542.4
602	1250 PENETRATING WATER REPELLENT TREATMENT	SY	1,700	1,700
612	0115 REINFORCING STEEL-GRADE 60	LBS	1,776	1,776
612	0116 REINFORCING STEEL-GRADE 60-EPOXY COATED	LBS	140,024	140,024
702	0100 MOBILIZATION	L SUM	1	1
704	0100 FLAGGING	MHR	100	100
704	1000 TRAFFIC CONTROL SIGNS	UNIT	3,908	3,908
704	1018 LANE CLOSURE-SIGNAL CONTROL/FLAGGING CONTROL	EA	1	1
704	1041 ATTENUATION DEVICE-TYPE B-55	EA	2	2
704	1045 ATTENUATION DEVICE-TYPE B-75	EA	2	2
704	1052 TYPE III BARRICADE	EA	14	14
704	1060 DELINEATOR DRUMS	EA	140	140

ESTIMATE OF QUANTITIES

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	IM-6-029(164)163	8	2

SPEC CODE	ITEM DESCRIPTION	UNIT	MAINLINE	TOTAL
-----	-----	-----	-----	-----
704	1067 TUBULAR MARKERS	EA	119	119
704	1087 SEQUENCING ARROW PANEL-TYPE C	EA	2	2
704	1500 OBLITERATION OF PAVEMENT MARKING	SF	400	400
704	3511 STATE FURNISHED MEDIAN BARRIER	LF	1,160	1,160
706	0550 BITUMINOUS LABORATORY	EA	1	1
706	0600 CONTRACTOR'S LABORATORY	EA	1	1
709	0100 GEOSYNTHETIC MATERIAL TYPE G	SY	530	530
714	1310 PIPE CONC REINF 60IN CL III	LF	320	320
714	3055 END SECT-CONC REINF 60IN	EA	4	4
748	0141 CURB & GUTTER-TYPE 1 SPECIAL	LF	120	120
754	0110 FLAT SHEET FOR SIGNS-TYPE XI REFL SHEETING	SF	21	21
754	0112 FLAT SHEET FOR SIGNS-TYPE IV REFL SHEETING	SF	17	17
754	0168 DELINEATORS-TYPE D	EA	2	2
754	0206 STEEL GALV POSTS-TELESCOPING PERFORATED TUBE	LF	46	46
762	0420 SHORT TERM 4IN LINE-TYPE R	LF	16,800	16,800
762	0426 SHORT TERM 24IN LINE-TYPE R	LF	24	24
762	0430 SHORT TERM 4IN LINE-TYPE NR	LF	23,660	23,660
762	0436 SHORT TERM 24IN LINE-TYPE NR	LF	390	390
762	1104 PVMT MK PAINTED 4IN LINE	LF	32,212	32,212
762	1124 PVMT MK PAINTED 24IN LINE	LF	195	195
764	0131 W-BEAM GUARDRAIL	LF	466	466
764	0145 W-BEAM GUARDRAIL END TERMINAL	EA	8	8
764	0151 REMOVE W-BEAM GUARDRAIL & POSTS	LF	691	691
764	2081 REMOVE END TREATMENT & TRANSITION	EA	8	8
930	3000 BRIDGE BENCH MARKS	SET	2	2
930	7012 ROADWAY CANOPY	L SUM	1	1
930	8686 AGGREGATE SLOPE PROTECTION	SY	792	792
930	9223 CRACK SEALING	LF	6	6

Revised 11/27/23	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	N.D.	IM-6-029(164)163	110	1

Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clearance FT	Support Size	Max Post Len LF	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF				1st LF	2nd LF	3rd LF	4th LF								
10+37 Rt		387	16.4						5.0	2.5 x 2.5 10 ga	13.7	3.5			2.19 x 2.19 10 ga	1	4	3 x 3 7 ga				1	
10+37 Lt	SN 1	32		5.0					5.0	2 x 2 12 ga	10.6					1	4	2.25 x 2.25 12 ga					
10+92 Rt		17		16.0					5.0	2.5 x 2.5 10 ga	12.3	3.6			2.19 x 2.19 10 ga	1	4	3 x 3 7 ga				1	
Sub Total			16.4	21.0			Total	33.8							Total	12.0			0	0		2	
Grand Total			16.4	21.0			Total	33.8							Total	12	0		0	0		2	

	Sign Summary Perforated Tube
	Minto Interchange Crossroad I-29

Revised 11/27/2023	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	IM-6-029(164)163	110	3

SIGN NUMBER	Sign 1					STATION(S):	Sta 10+37 ft					AREA:	5.0 Sq.Ft.					
WIDTH X HEIGHT	2'-6" x 2'-0"																	
BORDER WIDTH	0.63" (inset 0.38")																	
CORNER RADIUS	1.5"																	
MOUNTING	Ground																	
BACKGROUND	TYPE: XI Reflective COLOR: White																	
LEGEND/BORDER	TYPE: Non-reflective COLOR: Black																	
SYMBOL	X	Y	WID	HT	ANGLE													
ND_2.625IN	7.5	8.5	7	15	90													
Dimensions are in inches.tenths Letter locations are panel edge to lower left corner <small>PANEL STYLE: ND_Guide_24_Small_White.sst</small>																		
LETTER POSITION (X)																		
F	R	O	N	T	A	G	E									LENGTH	SIZE	SERIES
4.3	6.9	9.6	12.7	15.4	17.7	20.7	23.6									21.3	4	C 2000
R	O	A	D													LENGTH	SIZE	SERIES
9.7	12.4	15.1	18													10.6	4	C 2000

Sign Details Minto Interchange Crossroad I-29	
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