

BETHEL CULVERT NO. 54 ER 23-1(452)
PROJECT NO. 229238
BID TABULATION
BID OPENING OCTOBER 13, 2023 4:00 PM

ITEM NO:	Description	EST QUAN	UNITS	Engineer's Estimate		J.A. McDONALD, INC.		KUBRICKY CONSTRUCTION CORP.		A.L. ST ONGE CONTRACTOR, INC.	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1011- ROADWAY											
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	1	LS	\$ 10,000.00	\$10,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00
203.15	COMMON EXCAVATION	2952	CY	\$ 16.64	\$49,112.42	\$ 24.00	\$ 70,848.00	\$ 15.00	\$ 44,280.00	\$ 20.00	\$ 59,040.00
203.16	SOLID ROCK EXCAVATION	20	CY	\$ 158.44	\$3,168.76	\$ 400.00	\$ 8,000.00	\$ 300.00	\$ 6,000.00	\$ 200.00	\$ 4,000.00
204.22	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1	CY	\$ 75.00	\$75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00	\$ 75.00
210.10	COARSE-MILLING, BITUMINOUS PAVEMENT	67	SY	\$ 12.22	\$818.54	\$ 90.00	\$ 6,030.00	\$ 45.00	\$ 3,015.00	\$ 46.00	\$ 3,082.00
301.26	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	95	CY	\$ 63.07	\$5,991.18	\$ 72.00	\$ 6,840.00	\$ 125.00	\$ 11,875.00	\$ 60.00	\$ 5,700.00
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	70	CY	\$ 50.08	\$3,505.25	\$ 93.00	\$ 6,510.00	\$ 100.00	\$ 7,000.00	\$ 60.00	\$ 4,200.00
402.12	AGGREGATE SHOULDERS	25	TON	\$ 55.89	\$1,397.20	\$ 25.00	\$ 625.00	\$ 187.00	\$ 4,675.00	\$ 30.00	\$ 750.00
404.65	EMULSIFIED ASPHALT	10	CWT	\$ 90.03	\$900.31	\$ 300.00	\$ 3,000.00	\$ 9.00	\$ 90.00	\$ 10.00	\$ 100.00
406.50	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	1	LU	\$ 1.00	\$1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00
605.11	UNDERDRAIN PIPE, 8 INCHES	52	LF	\$ 40.61	\$2,111.67	\$ 78.00	\$ 4,056.00	\$ 130.00	\$ 6,760.00	\$ 80.00	\$ 4,160.00
608.25	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	5	HR	\$ 171.03	\$855.15	\$ 50.00	\$ 250.00	\$ 300.00	\$ 1,500.00	\$ 100.00	\$ 500.00
608.37	TRUCK RENTAL	5	HR	\$ 106.12	\$530.62	\$ 90.00	\$ 450.00	\$ 150.00	\$ 750.00	\$ 100.00	\$ 500.00
609.10	DUST CONTROL WITH WATER	130	MGAL	\$ 28.52	\$3,707.08	\$ 1.00	\$ 130.00	\$ 1.00	\$ 130.00	\$ 10.00	\$ 1,300.00
613.06	STONE FILL, STREAM BED MATERIAL	183	CY	\$ 62.73	\$11,479.41	\$ 90.00	\$ 16,470.00	\$ 133.00	\$ 24,339.00	\$ 100.00	\$ 18,300.00
613.10	STONE FILL, TYPE I	18	CY	\$ 84.87	\$1,527.59	\$ 138.00	\$ 2,484.00	\$ 165.00	\$ 2,970.00	\$ 50.00	\$ 900.00
613.12	STONE FILL, TYPE III	289	CY	\$ 58.48	\$16,900.14	\$ 78.00	\$ 22,542.00	\$ 145.00	\$ 41,905.00	\$ 60.00	\$ 17,340.00
621.20	STEEL BEAM GUARDRAIL, GALVANIZED	200	LF	\$ 31.04	\$6,208.00	\$ 48.00	\$ 9,600.00	\$ 50.00	\$ 10,000.00	\$ 46.00	\$ 9,200.00
621.50	MANUFACTURED TERMINAL SECTION, FLARED	2	EACH	\$ 3,028.03	\$6,056.06	\$ 4,400.00	\$ 8,800.00	\$ 4,500.00	\$ 9,000.00	\$ 4,140.00	\$ 8,280.00
621.80	REMOVAL AND DISPOSAL OF GUARDRAIL	220	LF	\$ 2.68	\$588.50	\$ 3.00	\$ 660.00	\$ 2.50	\$ 550.00	\$ 5.00	\$ 1,100.00
631.16	TESTING EQUIPMENT, CONCRETE	1	LS	\$ 1,000.00	\$1,000.00	\$ 500.00	\$ 500.00	\$ 1,700.00	\$ 1,700.00	\$ 1,000.00	\$ 1,000.00
631.17	TESTING EQUIPMENT, BITUMINOUS	1	LS	\$ 1,000.00	\$1,000.00	\$ 500.00	\$ 500.00	\$ 550.00	\$ 550.00	\$ 1,000.00	\$ 1,000.00
635.11	MOBILIZATION/DEMobilIZATION	1	LS	\$ 60,000.00	\$60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 70,000.00	\$ 70,000.00	\$ 142,845.00	\$ 142,845.00
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE	1	LS	\$ 25,000.00	\$25,000.00	\$ 40,000.00	\$ 40,000.00	\$ 75,980.00	\$ 75,980.00	\$ 40,000.00	\$ 40,000.00
646.404	DURABLE 4 INCH WHITE LINE, POLYUREA	300	LF	\$ 3.08	\$924.00	\$ 4.00	\$ 1,200.00	\$ 8.50	\$ 2,550.00	\$ 4.60	\$ 1,380.00
646.414	DURABLE 4 INCH YELLOW LINE, POLYUREA	300	LF	\$ 3.44	\$1,031.40	\$ 4.00	\$ 1,200.00	\$ 8.50	\$ 2,550.00	\$ 4.60	\$ 1,380.00
649.11	GEOTEXTILE FOR ROADBED SEPARATOR	133	SY	\$ 2.44	\$324.52	\$ 3.00	\$ 399.00	\$ 8.50	\$ 1,130.50	\$ 10.00	\$ 1,330.00
675.50	REMOVING SIGNS	2	EACH	\$ 31.64	\$63.29	\$ 30.00	\$ 60.00	\$ 26.00	\$ 52.00	\$ 20.00	\$ 40.00
675.60	RESETTING SIGNS	2	EACH	\$ 63.25	\$126.50	\$ 72.00	\$ 144.00	\$ 65.00	\$ 130.00	\$ 68.00	\$ 136.00
675.61	SETTING SALVAGED POSTS	2	EACH	\$ 50.00	\$100.00	\$ 320.00	\$ 640.00	\$ 300.00	\$ 600.00	\$ 310.00	\$ 620.00
900.645	SPECIAL PROVISION (TEMPORARY RELOCATION OF STREAM)	1	LS	\$ 20,000.00	\$20,000.00	\$ 21,000.00	\$ 21,000.00	\$ 45,000.00	\$ 45,000.00	\$ 60,000.00	\$ 60,000.00
900.680	SPECIAL PROVISION (AGGREGATESURFACE COURSE, RAP)	100	TON	\$ 200.00	\$20,000.00	\$ 20.00	\$ 2,000.00	\$ 80.00	\$ 8,000.00	\$ 70.00	\$ 7,000.00
900.680	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	100	TON	\$ 250.00	\$25,000.00	\$ 350.00	\$ 35,000.00	\$ 375.00	\$ 37,500.00	\$ 375.00	\$ 37,500.00
					\$279,503.58		\$ 355,014.00		\$ 445,657.50		\$ 452,759.00
1051 EROSION CONTROL											
651.15	SEED	60	LB	\$ 12.92	\$775.14	\$ 10.00	\$ 600.00	\$ 16.00	\$ 960.00	\$ 25.00	\$ 1,500.00
651.18	FERTILIZER	115	LB	\$ 4.75	\$546.60	\$ 2.00	\$ 230.00	\$ 5.50	\$ 632.50	\$ 600.00	\$ 69,000.00
651.20	AGRICULTURAL LIMESTONE	0.5	TON	\$ 716.92	\$358.46	\$ 800.00	\$ 400.00	\$ 1,100.00	\$ 550.00	\$ 50.00	\$ 25.00
653.01	EPSC PLAN	1	LS	\$ 2,000.00	\$2,000.00	\$ 1,800.00	\$ 1,800.00	\$ 5,500.00	\$ 5,500.00	\$ 4,000.00	\$ 4,000.00
653.02	MONITORING EPSC PLAN	10	HR	\$ 37.37	\$373.73	\$ 40.00	\$ 400.00	\$ 140.00	\$ 1,400.00	\$ 100.00	\$ 1,000.00
653.03	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	1	LU	\$ 3,500.00	\$3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
653.12	STRAW MULCH	0.5	TON	\$ 1,259.01	\$629.51	\$ 1,000.00	\$ 500.00	\$ 1,100.00	\$ 550.00	\$ 600.00	\$ 300.00
653.20	ROLLED EROSION CONTROL PRODUCT, TYPE I	432	SY	\$ 2.97	\$1,280.88	\$ 4.00	\$ 1,728.00	\$ 7.00	\$ 3,024.00	\$ 3.00	\$ 1,296.00
653.45	FILTER BAG	1	EACH	\$ 400.86	\$400.86	\$ 550.00	\$ 550.00	\$ 550.00	\$ 550.00	\$ 200.00	\$ 200.00
653.475	SILT FENCE, TYPE I	550	LF	\$ 4.18	\$2,296.80	\$ 5.00	\$ 2,750.00	\$ 7.50	\$ 4,125.00	\$ 10.00	\$ 5,500.00
653.50	BARRIER FENCE	550	LF	\$ 2.54	\$1,399.20	\$ 3.00	\$ 1,650.00	\$ 5.20	\$ 2,860.00	\$ 5.00	\$ 2,750.00
					\$13,561.16		\$ 14,108.00		\$ 23,651.50		\$ 89,071.00
1211- BRIDGE NO. 1											
203.27	UNCLASSIFIED CHANNEL EXCAVATION	183	CY	\$ 27.07	\$4,953.81	\$ 28.00	\$ 5,124.00	\$ 60.00	\$ 10,980.00	\$ 30.00	\$ 5,490.00
204.25	STRUCTURE EXCAVATION	400	CY	\$ 31.28	\$12,513.60	\$ 43.00	\$ 17,200.00	\$ 47.00	\$ 18,800.00	\$ 40.00	\$ 16,000.00
204.30	GRANULAR BACKFILL FOR STRUCTURES	1185	CY	\$ 47.38	\$56,144.12	\$ 87.00	\$ 103,095.00	\$ 98.00	\$ 116,130.00	\$ 100.00	\$ 118,500.00
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	70	CY	\$ 50.08	\$3,505.25	\$ 93.00	\$ 6,510.00	\$ 100.00	\$ 7,000.00	\$ 60.00	\$ 4,200.00
507.11	REINFORCING STEEL, LEVEL I	10400	LB	\$ 2.16	\$22,443.20	\$ 2.50	\$ 26,000.00	\$ 2.70	\$ 28,080.00	\$ 3.50	\$ 36,400.00
514.10	WATER REPELLENT, SILANE	5	GAL	\$ 96.12	\$480.60	\$ 50.00	\$ 250.00	\$ 140.00	\$ 700.00	\$ 100.00	\$ 500.00
541.25	CONCRETE, CLASS B	70	CY	\$ 1,039.49	\$72,764.02	\$ 1,200.00	\$ 84,000.00	\$ 1,700.00	\$ 119,000.00	\$ 2,000.00	\$ 140,000.00
900.65	SUPPLEMENTAL AGREEMENT (INSTALLATION OF CULVERT)	1	LS	\$ 75,000.00	\$75,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00
					\$247,804.60		\$ 257,179.00		\$ 330,690.00		\$ 361,090.00
TOTAL					\$540,869.34		\$626,301.00		\$799,999.00		\$902,920.00

BETHEL CULVERT NO. 54, E23-1(452)

Bid Analysis

10/19/2023

STEP 1										STEP 2	
# of Bidders:	3									Aii.	
Bid Lower than 120% of Engineers Estimate?	YES, step one complete									Highlighted Items are higher than acceptable deviation	
ITEM NO.	DESCRIPTION	Est. Qty	UNIT	Engineer's Estimate		J.A. MCDONALD, INC.		Difference in Extended Amounts (bid - est)	Absolute Value of Difference	STEP 3	
				Unit Price	Total Cost	Unit Price	Total Cost			Low Bid Unit Prices over 25% of Engineers Estimate and over Acceptable Deviation	Low Bid Unit Price lower than 75% of Engineers Estimate and over Acceptable Deviation
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	1	LS	\$ 10,000	\$ 10,000.00	\$ 25,000.00	\$ 25,000.00	15,000.00	\$15,000.00	OK	OK
203.15	COMMON EXCAVATION	2952	CY	\$ 17	\$ 49,112.42	\$ 24.00	\$ 70,848.00	21,735.58	\$21,735.58	OK	OK
203.16	SOLID ROCK EXCAVATION	20	CY	\$ 158	\$ 3,168.76	\$ 400.00	\$ 8,000.00	4,831.24	\$4,831.24	Analyze	OK
204.22	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1	CY	\$ 75	\$ 75.00	\$ 75.00	\$ 75.00	0.00	\$0.00	OK	OK
210.10	COARSE-MILLING, BITUMINOUS PAVEMENT	67	SY	\$ 12	\$ 818.54	\$ 90.00	\$ 6,030.00	5,211.46	\$5,211.46	Analyze	OK
301.26	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	95	CY	\$ 63	\$ 5,991.18	\$ 72.00	\$ 6,840.00	848.83	\$848.83	OK	OK
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	70	CY	\$ 50	\$ 3,505.25	\$ 93.00	\$ 6,510.00	3,004.75	\$3,004.75	Analyze	OK
402.12	AGGREGATE SHOULDERS	25	TON	\$ 56	\$ 1,397.20	\$ 25.00	\$ 625.00	(772.20)	\$772.20	OK	Analyze
404.65	EMULSIFIED ASPHALT	10	CWT	\$ 90	\$ 900.31	\$ 300.00	\$ 3,000.00	2,099.69	\$2,099.69	Analyze	OK
406.50	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	1	LU	\$ 1	\$ 1.00	\$ 1.00	\$ 1.00	0.00	\$0.00	OK	OK
605.11	UNDERDRAIN PIPE, 8 INCHES	52	LF	\$ 41	\$ 2,111.67	\$ 78.00	\$ 4,056.00	1,944.33	\$1,944.33	Analyze	OK
608.25	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	5	HR	\$ 171	\$ 855.15	\$ 50.00	\$ 250.00	(605.15)	\$605.15	OK	Analyze
608.37	TRUCK RENTAL	5	HR	\$ 106	\$ 530.62	\$ 90.00	\$ 450.00	(80.62)	\$80.62	OK	OK
609.10	DUST CONTROL WITH WATER	130	MGAL	\$ 29	\$ 3,707.08	\$ 1.00	\$ 130.00	(3,577.08)	\$3,577.08	OK	Analyze
613.06	STONE FILL, STREAM BED MATERIAL	183	CY	\$ 63	\$ 11,479.41	\$ 90.00	\$ 16,470.00	4,990.59	\$4,990.59	Analyze	OK
613.10	STONE FILL, TYPE I	18	CY	\$ 85	\$ 1,527.59	\$ 138.00	\$ 2,484.00	956.41	\$956.41	Analyze	OK
613.12	STONE FILL, TYPE III	289	CY	\$ 58	\$ 16,900.14	\$ 78.00	\$ 22,542.00	5,641.86	\$5,641.86	OK	OK
621.20	STEEL BEAM GUARDRAIL, GALVANIZED	200	LF	\$ 31	\$ 6,208.00	\$ 48.00	\$ 9,600.00	3,392.00	\$3,392.00	Analyze	OK
621.50	MANUFACTURED TERMINAL SECTION, FLARED	2	EACH	\$ 3,028	\$ 6,056.06	\$ 4,400.00	\$ 8,800.00	2,743.94	\$2,743.94	Analyze	OK
621.80	REMOVAL AND DISPOSAL OF GUARDRAIL	220	LF	\$ 3	\$ 588.50	\$ 3.00	\$ 660.00	71.50	\$71.50	OK	OK
631.16	TESTING EQUIPMENT, CONCRETE	1	LS	\$ 1,000	\$ 1,000.00	\$ 500.00	\$ 500.00	(500.00)	\$500.00	OK	Analyze
631.17	TESTING EQUIPMENT, BITUMINOUS	1	LS	\$ 1,000	\$ 1,000.00	\$ 500.00	\$ 500.00	(500.00)	\$500.00	OK	Analyze
635.11	MOBILIZATION/DEMOLITION	1	LS	\$ 60,000	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	0.00	\$0.00	OK	OK
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE	1	LS	\$ 25,000	\$ 25,000.00	\$ 40,000.00	\$ 40,000.00	15,000.00	\$15,000.00	OK	OK
646.404	DURABLE 4 INCH WHITE LINE, POLYUREA	300	LF	\$ 3	\$ 924.00	\$ 4.00	\$ 1,200.00	276.00	\$276.00	Analyze	OK
646.414	DURABLE 4 INCH YELLOW LINE, POLYUREA	300	LF	\$ 3	\$ 1,031.40	\$ 4.00	\$ 1,200.00	168.60	\$168.60	OK	OK
649.11	GEOTEXTILE FOR ROADBED SEPARATOR	133	SY	\$ 2	\$ 324.52	\$ 3.00	\$ 399.00	74.48	\$74.48	OK	OK
675.50	REMOVING SIGNS	2	EACH	\$ 32	\$ 63.29	\$ 30.00	\$ 60.00	(3.29)	\$3.29	OK	OK
675.60	RESETTING SIGNS	2	EACH	\$ 63	\$ 126.50	\$ 72.00	\$ 144.00	17.50	\$17.50	OK	OK
675.61	SETTING SALVAGED POSTS	2	EACH	\$ 50	\$ 100.00	\$ 320.00	\$ 640.00	540.00	\$540.00	Analyze	OK
900.645	SPECIAL PROVISION (TEMPORARY RELOCATION OF STREAM)	1	LS	\$ 20,000	\$ 20,000.00	\$ 21,000.00	\$ 21,000.00	1,000.00	\$1,000.00	OK	OK
900.680	SPECIAL PROVISION (AGGREGATESURFACE COURSE, RAP)	100	TON	\$ 200	\$ 20,000.00	\$ 20.00	\$ 2,000.00	(18,000.00)	\$18,000.00	OK	OK
900.680	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANT)	100	TON	\$ 250	\$ 25,000.00	\$ 350.00	\$ 35,000.00	10,000.00	\$10,000.00	OK	OK
203.27	UNCLASSIFIED CHANNEL EXCAVATION	183	CY	\$ 27	\$ 4,953.81	\$ 28.00	\$ 5,124.00	170.19	\$170.19	OK	OK
204.25	STRUCTURE EXCAVATION	400	CY	\$ 31	\$ 12,513.60	\$ 43.00	\$ 17,200.00	4,686.40	\$4,686.40	Analyze	OK
204.30	GRANULAR BACKFILL FOR STRUCTURES	1185	CY	\$ 47	\$ 56,144.12	\$ 87.00	\$ 103,095.00	46,950.89	\$46,950.89	OK	OK
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	70	CY	\$ 50	\$ 3,505.25	\$ 93.00	\$ 6,510.00	3,004.75	\$3,004.75	Analyze	OK
507.11	REINFORCING STEEL, LEVEL I	10400	LB	\$ 2	\$ 22,443.20	\$ 2.50	\$ 26,000.00	3,556.80	\$3,556.80	OK	OK
514.10	WATER REPELLENT, SILANE	5	GAL	\$ 96	\$ 480.60	\$ 50.00	\$ 250.00	(230.60)	\$230.60	OK	Analyze
541.25	CONCRETE, CLASS B	70	CY	\$ 1,039	\$ 72,764.02	\$ 1,200.00	\$ 84,000.00	11,235.98	\$11,235.98	OK	OK
900.65	SUPPLEMENTAL AGREEMENT (INSTALLATION OF CULVERT)	1	LS	\$ 75,000	\$ 75,000.00	\$ 15,000.00	\$ 15,000.00	(60,000.00)	\$60,000.00	OK	OK
651.15	SEED	60	LB	\$ 13	\$ 775.14	\$ 10.00	\$ 600.00	(175.14)	\$175.14	OK	OK
651.18	FERTILIZER	115	LB	\$ 5	\$ 546.60	\$ 2.00	\$ 230.00	(316.60)	\$316.60	OK	Analyze
651.20	AGRICULTURAL LIMESTONE	0.5	TON	\$ 717	\$ 358.46	\$ 800.00	\$ 400.00	41.54	\$41.54	OK	OK
653.01	EPSC PLAN	1	LS	\$ 2,000	\$ 2,000.00	\$ 1,800.00	\$ 1,800.00	(200.00)	\$200.00	OK	OK
653.02	MONITORING EPSC PLAN	10	HR	\$ 37	\$ 373.73	\$ 40.00	\$ 400.00	26.27	\$26.27	OK	OK
653.03	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	1	LU	\$ 3,500	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	0.00	\$0.00	OK	OK
653.12	STRAW MULCH	0.5	TON	\$ 1,259	\$ 629.51	\$ 1,000.00	\$ 500.00	(129.51)	\$129.51	OK	OK
653.20	ROLLED EROSION CONTROL PRODUCT, TYPE I	432	SY	\$ 3	\$ 1,280.88	\$ 4.00	\$ 1,728.00	447.12	\$447.12	Analyze	OK
653.45	FILTER BAG	1	EACH	\$ 401	\$ 400.86	\$ 550.00	\$ 550.00	149.15	\$149.15	Analyze	OK
653.475	SILT FENCE, TYPE I	550	LF	\$ 4	\$ 2,296.80	\$ 5.00	\$ 2,750.00	453.20	\$453.20	OK	OK
653.50	BARRIER FENCE	550	LF	2.544	\$ 1,399.20	\$ 3.00	\$ 1,650.00	250.80	\$250.80	OK	OK