Lee Ann Waltzing

From: "William Douglass" <billdo@bolton-menk.com>
To: "Lee Ann Waltzing" <cityhall@kalnet.com>
Sent: Monday, August 03, 2009 12:51 PM
Attach: NOBS GRANT APP ESTIMATE.xls; Reference Prices - Owatonna Pay Estimate No 1.pdf
Subject: Opinion of Probable Cost and Justification

Lee Ann,

Attached is an Opinion of Probable Cost associated with this project together with the 1st pay estimate used for a similar project in the City of Owatonna, Minnesota for similar items. Hopefully this justifies your construction cost of $2,170,000 associated with 7 backflow preventers and 2 lift stations.

If you need anything more, let me know.

Thanks,

William Douglass, P.E.
Water Resources Group Manager
Bolton & Menk, Inc.
Consulting Engineers & Surveyors
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Mankato, MN 56001
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CELEBRATING 60 YEARS OF EXCELLENCE

OPINION OF PROBABLE COST
FLOOD MITIGATION IMPROVEMENTS
CITY OF BELMOND, LA

ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	MOBILIZATION	LS	1	$90,000.00	$90,000.00
2	TRAFFIC CONTROL	LS	1	$5,000.00	$5,000.00
3	12' X 8' CONCRETE BOX OUTLET STRUCTURE & HATCH	LS	1	$56,000.00	$56,000.00
4	DUAL PUMPS, 12' X 12' CONCRETE WET WELL & HATCH	LS	2	$170,000.00	$340,000.00
5	TIDE FLEX BACKFLOW PREVENTER	EACH	7	$21,500.00	$150,500.00
6	PUMP INTAKE AND OUTLET POINT	LS	2	$20,000.00	$40,000.00
7	BACKUP GENERATORS	EACH	2	$50,000.00	$100,000.00
7	CURB AND GUTTER	LIN FT	675	$26.00	$17,550.00
8	EXPLORATORY EXCAVATION	DIGITS	10	$500.00	$5,000.00
9	FENCE AND WET WELL DEWATERING	LS		$60,000.00	$60,000.00
10	REMOVE SLOPE STRUCTURE	EACH	3	$500.00	$1,500.00
11	REMOVE BITUMINOUS PAVEMENT	SY	2910	$2.00	$5,820.00
12	AGGREGATE BASE	CY	750	$20.00	$15,000.00
13	BITUMINOUS PATCH	SY	2700	$32.00	$86,400.00
14	EROSION CONTROL BLANKET	SY	1000	$2.50	$2,500.00
15	BALE OR SAC INLET PROTECTION	LIN FT	170	$5.00	$850.00
16	TURF ESTABLISHMENT	SY	1150	$1.35	$1,551.50

Subtotal	$1,044,070
Inflation and Contingencies (12%)	$125,929
Estimated Construction Cost	**$1,170,000**
Phase 1 Hydrologic Engineering/Justification	$49,750
Engineering (Design, Specifications, Bidding contracts, Staking & Construction Observation)	$222,350
Opinion of Total Improvement Costs	**$1,442,100**

CONTRACTOR'S PAY REQUEST

OWATONNA PUBLIC UTILITIES AND WALNUT STREET FLOOD MITIGATION
PHASE 1 - 42" GRAVITY SYSTEM AND PUMP STATION
PHASE 2 - 24" BACKYARD/PARKING LOT STORM SEWER
CITY OF OWATONNA, MINNESOTA
BMI PROJECT NO. M13.39815

DISTRIBUTION:
CONTRACTOR (1)
OWNER (1)
ENGINEER (1)
BONDING CO. (1)

TOTAL AMOUNT BID PLUS APPROVED CHANGE ORDERS	$906,734.30
TOTAL COMPLETED WORK TO DATE	$439,258.40
TOTAL STORED MATERIALS TO DATE	$0.00
DEDUCTION FOR STORED MATERIALS USED IN WORK COMPLETED	$0.00
TOTAL COMPLETED WORK & STORED MATERIALS	$439,258.40
RETAINED PERCENTAGE (5%)	$21,962.92
TOTAL AMOUNT OF OTHER PAYMENTS OR (DEDUCTIONS)	$0.00
NET AMOUNT DUE TO CONTRACTOR TO DATE	$417,295.48
TOTAL AMOUNT PAID ON PREVIOUS ESTIMATES	$0.00
PAY CONTRACTOR AS ESTIMATE NO. 1	$417,295.48

Certificate for Partial Payment

I hereby certify that to the best of my knowledge and belief, all items quantities and prices of work and material shown on this Estimate are correct and that all work has been performed in full accordance with the terms and conditions of the Contract for this project between the Owner and the undersigned Contractor, and as amended by any authorized changes, and that the foregoing is a true and correct statement of the contract amount for the period covered by this Estimate.

Contractor: Kuechle Underground, Inc.
20 Main Street North, PO Box 509
Kimball, MN 55353

By _____
Name Title

CHECKED AND APPROVED AS TO QUANTITIES AND AMOUNT:
ENGINEER: BOLTON & MENK, INC., ENGINEERS, 1960 PREMIER DRIVE, MANKATO, MN.

By _____ PROJECT ENGINEER
WILLIAM R. DOUGLASS, P.E.

Date _____

APPROVED FOR PAYMENT:
OWNER: CITY OF OWATONNA

By _____
Name Title Date

And _____
Name Title Date

Partial Pay Estimate No.:

OWATONNA PUBLIC UTILITIES AND WALNUT STREET FLOOD MITIGATION
PHASE 1 - 42" GRAVITY SYSTEM AND PUMP STATION
PHASE 2 - 24" BACKYARD/PARKING LOT STORM SEWER
CITY OF OWATONNA, MINNESOTA
SMI PROJECT NO. M12.39815

WORK DONE [illegible] THROUGH [illegible], 20[illegible]

ITEM NO.	ITEM	UNIT PRICE	AS BID ESTIMATED QUANTITY	AS BID ESTIMATED AMOUNT	PREVIOUS ESTIMATE ESTIMATED QUANTITY	PREVIOUS ESTIMATE ESTIMATED AMOUNT	COMPLETED TO DATE ESTIMATED QUANTITY	COMPLETED TO DATE ESTIMATED AMOUNT
PHASE 1 - 42" GRAVITY SYSTEM AND PUMP STATION								
1	MOBILIZATION	$7,500.00	1 LS	$7,500.00	LS	$0.00	1 LS	$7,500.00
2	TRAFFIC CONTROL	$2,100.00	1 LS	$2,100.00	LS	$0.00	1 LS	$2,100.00
3	REMOVE 18" STORM SEWER	$4.00	100 LIN FT	$400.00	LIN FT	$0.00	100 LIN FT	$400.00
4	REMOVE STORM SEWER STRUCTURE	$320.00	3 EACH	$960.00	EACH	$0.00	4 EACH	$1,280.00
5	REMOVE CURB AND GUTTER	$3.00	112 LIN FT	$336.00	LIN FT	$0.00	112 LIN FT	$336.00
6	REMOVE BITUMINOUS PAVEMENT	$3.00	250 SY	$750.00	SY	$0.00	456 SY	$1,368.00
7	REMOVE 10" OUTLET STRUCTURE	$370.00	1 EACH	$370.00	EACH	$0.00	1 EACH	$370.00
8	BITUMINOUS PATCH	$30.00	280 SY	$8,400.00	SY	$0.00	0 SY	$0.00
9	REMOVE AND REPLACE JERSEY BARRIER	$22.00	60 LIN FT	$1,320.00	LIN FT	$0.00	84 LIN FT	$1,848.00
10	REMOVE 8" FOREMAIN	$1.00	80 LIN FT	$80.00	LIN FT	$0.00	80 LIN FT	$80.00
11	REMOVE EXISTING INLET AND PUMPING STRUCTURE	$3,000.00	1 LS	$3,000.00	LS	$0.00	1 LS	$2,000.00
12	REMOVE, SALVAGE AND RE-INSTALL HYDRANT AND VALVE	$1,500.00	1 LS	$1,500.00	LS	$0.00	1 LS	$1,500.00
13	CLEAR AND GRUB RIVER ACCESS AREA	$340.00	1 LS	$340.00	LS	$0.00	1 LS	$340.00
14	8" PVC, DR 35	$54.00	112 LIN FT	$648.00	LIN FT	$0.00	79 LIN FT	$4,266.00
15	12" PVC, DR 35	$37.00	164 LIN FT	$6,068.00	LIN FT	$0.00	138 LIN FT	$5,106.00
16	15" STORM SEWER	$50.00	6 LIN FT	$300.00	LIN FT	$0.00	7 LIN FT	$420.00
17	24" STORM SEWER	$74.00	6 LIN FT	$444.00	LIN FT	$0.00	7 LIN FT	$518.00
18	30" PVC, [illegible]	$64.00	23 LIN FT	$1,504.00	LIN FT	$0.00	0 LIN FT	$0.00
19	42" RCP, CL III	$96.00	256 LIN FT	$25,344.00	LIN FT	$0.00	256 LIN FT	$25,344.00
20	42" FLOATING ANTI-TRASH GUARD	$2,700.00	1 EACH	$2,700.00	EACH	$0.00	1 EACH	$2,700.00
21	CONSTRUCT DRAINAGE STRUCTURE [illegible]	$240.00	9.42 LIN FT	$2,260.80	LIN FT	$0.00	4.5 LIN FT	$1,080.00
22	CONSTRUCT DRAINAGE STRUCTURE [illegible]	$290.00	3.88 LIN FT	$1,125.20	LIN FT	$0.00	3.87 LIN FT	$1,122.30
23	CONSTRUCT DRAINAGE STRUCTURE [illegible]	$280.00	3 LIN FT	$840.00	LIN FT	$0.00	3.3 LIN FT	$924.00
24	CONSTRUCT DRAINAGE STRUCTURE 4020-50	$290.00	9.2 LIN FT	$2,668.00	LIN FT	$0.00	8.28 LIN FT	$2,401.20
25	CONSTRUCT DRAINAGE STRUCTURE 4020-72	$340.00	12.9 LIN FT	$4,386.00	LIN FT	$0.00	11.97 LIN FT	$4,069.80
26	CASTING ASSEMBLY	$890.00	6 EACH	$5,340.00	EACH	$0.00	6 EACH	$5,340.00
27	12' X 8' CONCRETE BOX [illegible] FT STRUCTURE & HATCH	$29,000.00	1 LS	$29,000.00	LS	$0.00	1 LS	$29,000.00
28	DUAL PUMPS, 12' X 12' CONCRETE WET WELL & HATCH	$170,000.00	1 LS	$170,000.00	LS	$0.00	0.75 LS	$127,500.00
29	[illegible] FLEX BACKFLOW PREVENTER	$2,000.00	1 EACH	$2,000.00	EACH	$0.00	3 EACH	$6,000.00
30	PUMP INTAKE AND OUTLET PIPING	$18,000.00	1 LS	$18,000.00	LS	$0.00	0.5 LS	$9,000.00
31	VIDEO PURGE AND CLEANER	$28.00	25 LIN FT	$700.00	LIN FT	$0.00	108 LIN FT	$3,024.00
32	HEX-FLORA-CRY EXCAVATION	$90.00	1 HOUR	$90.00	HOUR	$0.00	16 HOUR	$1,440.00
33	RIP RAP, CLASS V	$78.00	68 CY	$5,304.00	CY	$0.00	68 CY	$5,304.00
34	STRUCTURE STABILIZATION	$500.00	1 LS	$500.00	LS	$0.00	1 LS	$500.00

Partial Pay Estimate No.: 1

OWATONNA PUBLIC UTILITIES AND WALNUT STREET FLOOD MITIGATION
PHASE 1 - 42" GRAVITY SYSTEM AND PUMP STATION
PHASE 2 - 24" BACKYARD/PARKING LOT STORM SEWER
CITY OF OWATONNA, MINNESOTA
BMI PROJECT NO. M13.09816

[illegible] THRU: HROTICH September 30, 2008

ITEM NO.	ITEM	UNIT PRICE	THIS ESTIMATE ESTIMATED QUANTITY	THIS ESTIMATE ESTIMATED AMOUNT	PREVIOUS ESTIMATE ESTIMATED QUANTITY	PREVIOUS ESTIMATE ESTIMATED AMOUNT	COMPLETED TO DATE ESTIMATED QUANTITY	COMPLETED TO DATE ESTIMATED AMOUNT
35	CONTINUOUS WELL DEWATERING	$30,000.00	1 LS	$30,000.00	LS	$0.00	1 LS	$30,000.00
36	CRUSHED ROCK FOUNDATION MATERIAL	$94.00	66 CY	$6,600.00	CY	$0.00	34 CY	$3,196.00
37	WATERWAIN DEWATERING	$5,400.00	6 EACH	$17,000.00	EACH	$0.00	3 EACH	$16,200.00
38	INLET PROTECTION	$140.00	2 EACH	$280.00	EACH	$0.00	0 EACH	$0.00
39	SILT FENCE	$2.00	400 LIN FT	$800.00	LIN FT	$0.00	100 LIN FT	$200.00
40	EXCAVATION SILT CURTAIN	$26.00	45 LIN FT	$1,170.00	LIN FT	$0.00	45 LIN FT	$1,170.00
41	EROSION CONTROL BLANKET CATIII	$2.00	245 SY	$490.00	SY	$0.00	0 SY	$0.00
42	EROSION CONTROL BLANKET CATIV	$2.00	245 SY	$490.00	SY	$0.00	605 SY	$1,210.00
43	ROCK BASE INLET PROTECTION	$14.00	25 LIN FT	$350.00	LIN FT	$0.00	35 LIN FT	$490.00
44	DRIVEWAY REGRADING	$15.00	140 SY	$2,100.00	SY	$0.00	0 SY	$0.00
PHASE 2 - 24" BACKYARD/PARKING LOT STORM SEWER								
1	MOBILIZATION	$1,500.00	1 LS	$1,500.00	LS	$0.00	1 LS	$1,500.00
2	TRAFFIC CONTROL	$1,000.00	1 LS	$1,000.00	LS	$0.00	1 LS	$1,000.00
3	REMOVE STORM SEWER PIPE	$5.00	56 LIN FT	$284.00	LIN FT	$0.00	56 LIN FT	$270.00
4	REMOVE STORM STRUCTURE	$370.00	4 EACH	$1,480.00	EACH	$0.00	4 EACH	$1,480.00
5	REMOVE BITUMINOUS PAVEMENT	$5.00	466 SY	$2,329.00	SY	$0.00	464 SY	$2,352.00
6	BITUMINOUS PATCH	$35.00	600 SY	$20,250.00	SY	$0.00	0 SY	$0.00
7	REMOVE AND REPLACE CHAIN LINK FENCE	$55.00	120 LIN FT	$6,600.00	LIN FT	$0.00	60 LIN FT	$3,300.00
8	8" STORM SEWER PIPE	$51.00	5 LIN FT	$255.00	LIN FT	$0.00	4 LIN FT	$204.00
9	12" STORM SEWER PIPE	$53.00	29 LIN FT	$1,537.00	LIN FT	$0.00	29 LIN FT	$1,537.00
10	24" STORM SEWER PIPE	$59.00	29 LIN FT	$1,711.00	LIN FT	$0.00	29 LIN FT	$1,711.00
11	24" HDPE 4000 STORM SEWER PIPE TRENCH ESS	$27.00	372 LIN FT	$9,900.00	LIN FT	$0.00	372 LIN FT	$9,900.00
12	24" STORM SEWER PIPE	$59.00	365 LIN FT	$21,535.00	LIN FT	$0.00	361 LIN FT	$21,299.00
13	CONSTRUCT DRAINAGE STRUCTURE 4020 72	$400.00	18.82 LIN FT	$7,528.00	LIN FT	$0.00	18.82 LIN FT	$7,528.00
14	CONSTRUCT DRAINAGE STRUCTURE DESIGN	$150.00	9.07 LIN FT	$1,361.00	LIN FT	$0.00	9.07 LIN FT	$1,361.00
15	CONSTRUCT DRAINAGE STRUCTURE DESIGN	$150.00	5 LIN FT	$750.00	LIN FT	$0.00	5 LIN FT	$750.00
16	CONSTRUCT DRAINAGE STRUCTURE DESIGN	$250.00	4.55 LIN FT	$1,137.50	LIN FT	$0.00	4.55 LIN FT	$1,137.50
17	CASTING ASSEMBLY	$420.00	5 LIN FT	$2,100.00	LIN FT	$0.00	5 LIN FT	$2,100.00
18	CONNECT TO EXISTING STRUCTURE	$1,400.00	2 EACH	$2,800.00	EACH	$0.00	6 EACH	$8,400.00
19	CLASS 5 AGGREGATE	$25.00	1600 CY	$40,000.00	CY	$0.00	0 CY	$0.00
20	INLET PROTECTION	$140.00	4 EACH	$560.00	EACH	$0.00	3 EACH	$420.00
21	CONSTRUCTION FENCE	$4.00	180 LIN FT	$720.00	LIN FT	$0.00	730 LIN FT	$2,920.00
22	TURF ESTABLISHMENT	$1.50	1000 SY	$1,500.00	SY	$0.00	0 SY	$0.00
	TOTAL AMOUNT:			$606,202.30		$0.00		$439,258.40

Partial Pay Estimate No.: 1

OWATONNA PUBLIC UTILITIES AND WALNUT STREET LOCO MITIGATION
PHASE 1 - 42" GRAVITY SYSTEM AND PUMP STATION
PHASE 2 - 24" BACKYARD/PARKING LOT STORM SEWER
CITY OF OWATONNA, MINNESOTA
RMI PROJECT NO. M13.00815

WORK COMPLETED THROUGH: September 30, 2001

ITEM NO.	ITEM	UNIT PRICE	AS BID ESTIMATED QUANTITY	AS BID ESTIMATED AMOUNT	PREVIOUS ESTIMATE ESTIMATED QUANTITY	PREVIOUS ESTIMATE ESTIMATED AMOUNT	COMPLETED TO DATE ESTIMATED QUANTITY	COMPLETED TO DATE ESTIMATED AMOUNT
SUPPLEMENTAL AGREEMENT NO. 1								
1	24" RCP TRENCH, F&B	$100.00	372 LF	$100.00	LF	$0.00	372 LF	$37,200.00
2	REMOVE BITUMINOUS PAVEMENT	$7.00	615 SY	$7.00	SY	$0.00	615 SY	$4,305.00
3	BITUMINOUS PATCH	$35.00	615 SY	$35.00	SY	$0.00	0 SY	$0.00
	SUPPLEMENTAL AGREEMENT NO. 1 TOTAL:			$142.00		$0.00		$41,505.00
	TOTAL AMOUNT (WITH SUPPLEMENTAL AGREEMENT NO. 1):			$636,734.30		$0.00		$450,783.40