

CITY OF SIDNEY
DEPARTMENT OF ENGINEERING
BID TABULATION

PROJECT: Main & Russell Traffic Signal Replacement
Account No.: 350-18002-55000-TR021

Date: September 23, 2010

Ref No	Item	Description	ENGINEER'S ESTIMATE		MILLER CABLE COMPANY GREEN SPRINGS, OH		CAPITAL ELECTRIC LINE BUILDERS DAYTON, OH		BANSAL CONSTRUCTION FAIRFIELD, OH			
			Quantity	Unit	Price	Total	Price	Total	Price	Total	Price	Total
1	104	BONDING & INSURANCE	1	LS	\$2,600.00	\$2,600.00	\$2,448.00	\$2,448.00	\$689.00	\$689.00	\$2,600.00	\$2,600.00
2	212	REMOVAL OF EXISTING STRIPING, PER PLAN	1	LS	\$800.00	\$800.00	\$1,760.00	\$1,760.00	\$1,865.60	\$1,865.60	\$1,760.00	\$1,760.00
3	212	REMOVAL OF EXISTING LANDSCAPING AND ALL OTHER MISC ITEMS RELATED TO THIS PROJECT	1	LS	\$100.00	\$100.00	\$1,826.00	\$1,826.00	\$3,464.08	\$3,464.08	\$7,500.00	\$7,500.00
4	301	BITUMINOUS AGGREGATE BASE, 8" THICK IN 2 LIFTS - TO BE USED IN ROADWAY FOR TRENCH REPAIR	8	CY	\$165.00	\$1,320.00	\$325.00	\$2,600.00	\$307.40	\$2,459.20	\$350.00	\$2,800.00
5	304	AGGREGATE BASE IN PARKING AREA, 8" THICK	4	CY	\$40.00	\$160.00	\$75.00	\$300.00	\$68.90	\$275.60	\$52.00	\$208.00
6	448	TYPE II ASPHALT CONCRETE INTERMEDIATE COURSE, 1-1/2" THICK - TO BE USED IN ROADWAY FOR TRENCH REPAIR	2	CY	\$185.00	\$370.00	\$325.00	\$650.00	\$333.90	\$667.80	\$450.00	\$900.00
7	448	TYPE I ASPHALT CONCRETE SURFACE COURSE, 1-1/2" THICK - TO BE USED IN ROADWAY FOR TRENCH REPAIR	2	CY	\$185.00	\$370.00	\$325.00	\$650.00	\$333.90	\$667.80	\$450.00	\$900.00
8	448	TYPE I ASPHALT CONCRETE SURFACE COURSE, 3" THICK - TO BE USED IN OFF ROAD ASPHALT TRENCH REPAIR	4	CY	\$185.00	\$740.00	\$325.00	\$1,300.00	\$307.40	\$1,229.60	\$450.00	\$1,800.00
9	608	4" CLASS 'C' CONCRETE SIDEWALK	900	SF	\$6.50	\$5,850.00	\$6.00	\$5,400.00	\$4.24	\$3,816.00	\$6.00	\$5,400.00
10	608	TYPE 2 CURB & GUTTER	200	LF	\$22.00	\$4,400.00	\$21.00	\$4,200.00	\$19.08	\$3,816.00	\$46.00	\$9,200.00
11	608	TYPE 6 18" BARRIER CURB - TO BE USED AT NORTHEAST & SOUTHEAST SIDEWALK	65	LF	\$22.00	\$1,430.00	\$31.00	\$2,015.00	\$19.08	\$1,240.20	\$45.00	\$2,925.00
12	614	TRAFFIC CONTROL	1	LS	\$1,000.00	\$1,000.00	\$6,200.00	\$6,200.00	\$3,159.56	\$3,159.56	\$4,500.00	\$4,500.00
13	623	CONSTRUCTION LAYOUT STAKING	1	LS	\$800.00	\$800.00	\$225.00	\$225.00	\$2,459.71	\$2,459.71	\$2,400.00	\$2,400.00
14	624	MOBILIZATION	1	LS	\$2,500.00	\$2,500.00	\$8,950.00	\$8,950.00	\$3,753.42	\$3,753.42	\$9,000.00	\$9,000.00
15	625	2" SCHEDULE 80, PVC CONDUIT, INCLUDING INSTALLATION, ALL FITTINGS & MATERIALS	315	LF	\$6.00	\$1,890.00	\$3.80	\$1,197.00	\$2.98	\$938.70	\$2.80	\$882.00
16	625	3" SCHEDULE 80, PVC CONDUIT, INCLUDING INSTALLATION, ALL FITTINGS & MATERIALS	90	LF	\$7.00	\$630.00	\$7.50	\$675.00	\$4.16	\$374.40	\$4.50	\$405.00
17	625	GROUND ROD	3	EA	\$160.00	\$480.00	\$285.00	\$855.00	\$135.18	\$405.54	\$169.00	\$507.00
18	625	PULL BOX, 18" CONCRETE, PER PLAN, WITH TRAFFIC RATED CASTING & LIDS	9	EA	\$500.00	\$4,500.00	\$610.00	\$5,490.00	\$1,007.13	\$9,064.17	\$545.00	\$4,905.00
19	625	TRENCHING & BACKFILL INCLUDING REMOVAL OF EXISTING ASPHALT, CONCRETE, ETC.	400	LF	\$6.00	\$2,400.00	\$14.00	\$5,600.00	\$14.18	\$5,672.00	\$39.00	\$15,600.00
20	632	ALL OVERHEAD SIGNS, AS PER PLAN, INCL. INSTALLATION & ALL MATERIALS	9	EA	\$200.00	\$1,800.00	\$270.00	\$2,430.00	\$247.82	\$2,230.38	\$195.00	\$1,755.00
21	632	GROUND MOUNTED SIGN, R3-8B, INCLUDING INSTALLATION & ALL MATERIALS	1	EA	\$200.00	\$200.00	\$450.00	\$450.00	\$468.09	\$468.09	\$298.00	\$298.00
22	632	"PUSH BUTTON FOR WALK SIGNAL" SIGN, TO BE ATTACHED TO PED & MAST-ARM POLES, INCL. INSTALLATION & MATERIALS	8	EA	\$100.00	\$800.00	\$40.00	\$320.00	\$59.64	\$477.12	\$60.00	\$480.00
23	632	COVERING OF VEHICULAR SIGNAL HEAD	9	EA	\$20.00	\$180.00	\$20.00	\$180.00	\$21.87	\$196.83	\$26.00	\$234.00
24	632	DETECTOR LOOP	9	EA	\$90.00	\$810.00	\$56.00	\$504.00	\$95.76	\$861.84	\$35.00	\$315.00
25	632	LED PED, "WALK/DON'T WALK" SIGNALS ON MAST-ARM POLES, INCLUDING ALL MATERIALS	4	EA	\$725.00	\$2,900.00	\$495.00	\$1,980.00	\$576.98	\$2,307.92	\$640.00	\$2,560.00
26	632	LED PED, "WALK/DON'T WALK" SIGNALS ON PEDESTALS, INCLUDING FOUNDATION AND ALL MATERIALS	4	EA	\$1,500.00	\$6,000.00	\$1,290.00	\$5,160.00	\$1,358.89	\$5,435.56	\$1,983.00	\$7,932.00
27	632	LOOP DETECTOR UNIT, 2-CHANNEL, DELAY & EXTENSION TYPE	9	EA	\$290.00	\$2,610.00	\$155.00	\$1,395.00	\$180.87	\$1,627.83	\$100.00	\$900.00
28	632	LOOP LEAD IN CABLE, 2-CONDUCTOR	1100	LF	\$1.70	\$1,870.00	\$0.60	\$660.00	\$2.06	\$2,266.00	\$0.35	\$385.00
29	632	PEDESTRIAN PUSH BUTTONS	8	EA	\$150.00	\$1,200.00	\$90.00	\$720.00	\$135.18	\$1,081.44	\$212.00	\$1,696.00
30	632	POWER SERVICE, AS PER PLAN	1	EA	\$1,500.00	\$1,500.00	\$1,150.00	\$1,150.00	\$1,229.85	\$1,229.85	\$1,490.00	\$1,490.00
31	632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	1	EA	\$1,600.00	\$1,600.00	\$400.00	\$400.00	\$2,205.56	\$2,205.56	\$2,980.00	\$2,980.00
32	632	SIGNAL & PEDESTRIAN CABLE, 7-CONDUCTOR, NO. 14 AWG	1500	LF	\$2.60	\$3,900.00	\$2.00	\$3,000.00	\$2.44	\$3,660.00	\$1.80	\$2,700.00
33	632	MAST-ARM POLE, DOUBLE ARM: TC 12.30, DESIGN 5: P1 MAST ARM LENGTHS 44' & 46', BOTH DESIGN 11: P2 MAST ARM LENGTHS 4' (DESIGN 11), & 43' (DESIGN 12). COST TO INCLUDE RIGID MOUNT, ALL MATERIALS & INSTALLATION NEEDED TO SUCCESSFULLY INSTALL THE POLES, ARMS, ATTACH SIGNALS & SIGNS	2	EA	\$14,000.00	\$28,000.00	\$9,450.00	\$18,900.00	\$9,898.79	\$19,797.58	\$6,290.00	\$12,580.00
34	632	SIGNAL SUPPORT FOUNDATION 36" x 36" x 11" DEEP, PER ODOT STANDARD, TC 21.30	2	EA	\$4,000.00	\$8,000.00	\$3,725.00	\$7,450.00	\$2,735.56	\$5,471.12	\$4,290.00	\$8,580.00
35	632	VEHICULAR SIGNAL HEAD, 3 SECTION, PER PLAN, INCLUDING ALL INSTALLATION & MATERIALS	9	EA	\$950.00	\$8,550.00	\$700.00	\$6,300.00	\$836.47	\$7,528.23	\$785.00	\$7,065.00
36	633	NEW 16ch CONFLICT MONITOR	1	EA	\$900.00	\$900.00	\$675.00	\$675.00	\$1,044.23	\$1,044.23	\$1,790.00	\$1,790.00
37	633	NEW CONTROLLER CABINET, PER PLAN, INCL. ALL MATERIALS	1	EA	\$7,000.00	\$7,000.00	\$8,500.00	\$8,500.00	\$10,017.64	\$10,017.64	\$12,490.00	\$12,490.00
38	644	NEW THERMO PLASTIC PAVEMENT MARKINGS, CENTER LINE, AS PER PLAN	400	LF	\$1.75	\$700.00	\$1.20	\$480.00	\$1.27	\$508.00	\$1.20	\$480.00
39	644	NEW THERMO PLASTIC PAVEMENT MARKINGS, CHANNEL & LANE LINE, AS PER PLAN	460	LF	\$2.00	\$920.00	\$1.20	\$552.00	\$1.27	\$584.20	\$1.20	\$552.00
40	644	NEW THERMO PLASTIC PAVEMENT MARKINGS, STOP LINE, AS PER PLAN	120	LF	\$6.00	\$720.00	\$5.60	\$672.00	\$5.94	\$712.80	\$5.60	\$672.00
41	644	NEW THERMO PLASTIC PAVEMENT MARKINGS, CROSSWALK LINE, AS PER PLAN	390	LF	\$3.50	\$1,365.00	\$2.50	\$975.00	\$2.65	\$1,033.50	\$2.50	\$975.00
42	644	NEW THERMO PLASTIC PAVEMENT MARKINGS, ARROWS, AS PER PLAN	12	EA	\$100.00	\$1,200.00	\$85.00	\$1,020.00	\$90.10	\$1,081.20	\$85.00	\$1,020.00
43	659	SEEDING & MULCHING, ALL DISTURBED AREAS, INCL. FERTILIZATION, AS PER PLAN	1	LS	\$100.00	\$100.00	\$1,550.00	\$1,550.00	\$265.00	\$265.00	\$2,300.00	\$2,300.00
	CITY 300-9	DETECTABLE WARNING PLATES, PER CITY STANDARDS, AS PER PLAN	8	EA	\$700.00	\$5,600.00	\$550.00	\$4,400.00	\$593.60	\$4,748.80	\$690.00	\$5,520.00
BASE BID												
						\$128,055.00		\$126,700.00		\$130,554.10		\$154,776.00
	SPECIAL	ALTERNATE BID #1										
	SPECIAL	MILL 1,100 SY OF ASPHALT 1.5" THICK & REPLACE WITH 1.5" OF TYPE 1 SURFACE COURSE. LIMITS ARE FROM THE BACK OF STOP BAR EACH APPROACH THROUGH THE INTERSECTION. IF THIS ALTERNATE IS AWARDED, WE WILL NON-PERFORM THE REF #7 & A PERCENTAGE OF REF #2. BUT DO NOT INCLUDE THOSE DEDUCTIONS IN YOUR BID FOR THIS ITEM. THE APPROPRIATE DEDUCTIONS WILL BE NON-PERFORMED.	1100	SY	\$12.00		\$17.75	\$19,525.00	\$14.50	\$15,950.00	\$18.90	\$20,790.00
	SPECIAL	ALTERNATE BID #2										
	SPECIAL	WAVETRONIX SMART SENSOR MODEL 200, IN LIEU OF THE ADVANCED LOOPS ON RUSSELL RD.; INCLUDING ALL CABLES & SOFTWARE, ALL INSTALLATION & ALL MATERIALS NEEDED TO COMPLETE INSTALLATION AND FUNCTION SUCCESSFULLY. CONTRACTOR REQUIRED TO HAVE MANUFACTURER VERIFY LOCATION FOR OPTIMAL PLACEMENT. APPROPRIATE DEDUCTIONS FOR NON-WARRANTEE MATERIAL TO BE DEDUCTED BY CONTRACTOR FOR THIS ITEM.	2	EA	\$7,500.00		\$7,790.00	\$15,580.00	\$7,234.82	\$14,469.64	\$6,000.00	\$12,000.00
	SPECIAL	ALTERNATE BID #3										
	SPECIAL	MILLERBERND (MODEL CCHSR-200-HC, OR AN APPROVED EQUIVALENT) MAST ARM SIGNAL POLES, IN LIEU OF ITEM 632, MAST-ARM POLES. MAST ARMS SHALL BE CURVED WITH A MIN. OF 3' OF RISE.	2	EA	\$17,000.00		\$27,735.00	\$55,470.00	\$24,842.67	\$49,685.34	\$24,300.00	\$48,600.00