

**BASIS OF BID - ENGINEER'S ESTIMATE**  
**TOWN OF MUNSTER**  
**CCMG 25-1 PAVING AND WATERMAIN IMPROVEMENTS**  
**HARRISON AVE, LILAC LN, TIMBERWOOD LN, SOMERSET DR, COBBLESTONE RD, WESMINSTER LN, CORNWALLIS LN**  
**ITEMIZED PROPOSAL**

Item	Description	Unit	Quantity	Unit Cost	Total Cost
	<b>ITEM A - PAVEMENT</b>				
1	CONSTRUCTION ENGINEERING	LSUM	1	\$20,000.00	\$20,000.00
2	MOBILIZATION AND DEMOBILIZATION	LSUM	1	\$120,000.00	\$120,000.00
3	SIDEWALK CONCRETE, REMOVE ONLY	SYS	121	\$40.00	\$4,840.00
4	EXCAVATION, COMMON	CYS	5,996	\$50.00	\$299,800.00
5	TEMPORARY EROSION CONTROL	DOL	5,000	\$1.00	\$5,000.00
6	NO. 2 STONE	TON	1,378	\$55.00	\$75,790.00
7	SUBGRADE TREATMENT, TYPE III	SYS	26,160	\$2.00	\$52,320.00
8	GEOTEXTILE	SYS	24,685	\$2.00	\$49,370.00
9	COMPACTED AGGREGATE BASE, NO. 53	TON	11,072	\$40.00	\$442,880.00
10	MILLING, ASPHALT, 2 IN.	SYS	34,630	\$6.00	\$207,780.00
11	MILLING, ASPHALT REMOVAL	SYS	24,568	\$5.00	\$122,840.00
12	HMA SURFACE TYPE B, 12.5 mm (2 IN.)	TON	6,660	\$95.00	\$632,700.00
13	HMA INTERMEDIATE, TYPE B, 19.0 mm (3 IN.)	TON	4,250	\$90.00	\$382,500.00
14	ASPHALT FOR TACK COAT	TON	18	\$1,100.00	\$19,800.00
15	CURB RAMPS, CONCRETE	SYS	331	\$250.00	\$82,750.00
16	SIDEWALK, CONCRETE, REMOVE & REPLACE	SYS	418	\$150.00	\$62,700.00
17	CURB & GUTTER, CONCRETE, REMOVE & REPLACE	LFT	7,760	\$55.00	\$426,800.00
18	PCCP FOR APPROACHES, 6 IN., REMOVE & REPLACE	SYS	114	\$140.00	\$15,960.00
19	HMA FOR APPROACHES, REMOVE & REPLACE	TON	25	\$280.00	\$7,000.00
20	CASTING, ADJUST TO GRADE	EACH	61	\$700.00	\$42,700.00
21	MAINTAINING TRAFFIC	LSUM	1	\$40,000.00	\$40,000.00
22	SIGN ASSEMBLY, REMOVE AND REINSTALL	EACH	4	\$300.00	\$1,200.00
23	TRAFFIC LOOP, ASSEMBLY	LSUM	1	\$5,000.00	\$5,000.00
24	GROOVING FOR PAVEMENT MARKINGS	LFT	952	\$2.00	\$1,904.00
25	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.	LFT	770	\$1.50	\$1,155.00
26	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.	LFT	182	\$1.50	\$273.00
27	TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 IN.	LFT	91	\$15.00	\$1,365.00
28	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 6 IN.	LFT	545	\$5.00	\$2,725.00
29	PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW	EACH	2	\$250.00	\$500.00
30	TRANSVERSE MARKING, THERMOPLASTIC, CROSSWALK LINE, WHITE, 24 IN.	LFT	96	\$11.00	\$1,056.00
	<b>TOTAL ITEM A - PAVEMENT</b>				\$3,128,708.00

	<b>ITEM B - WATER MAIN</b>				
31	WATER MAIN, PVC, 8 IN	LFT	420	\$160.00	\$67,200.00
32	WATER MAIN CONNECTION	EACH	2	\$7,500.00	\$15,000.00
33	FIRE HYDRANT ASSEMBLY, INSTALL	EACH	1	\$12,000.00	\$12,000.00
34	FIRE HYDRANT ASSEMBLY, REMOVE	EACH	1	\$1,000.00	\$1,000.00
35	HOT TAP, 8 IN.	EACH	2	\$11,000.00	\$22,000.00
36	WATER SERVICE, 3/4 IN., RECONNECTION, NEAR SIDE	EACH	5	\$4,000.00	\$20,000.00
37	WATER SERVICE, 3/4 IN., RECONNECTION, FAR SIDE	EACH	5	\$4,500.00	\$22,500.00
38	WATER SERVICE, 1 IN., RECONNECTION, NEAR SIDE	EACH	1	\$5,500.00	\$5,500.00
39	WATER SERVICE, 1 IN., RECONNECTION, FAR SIDE	EACH	1	\$6,000.00	\$6,000.00
	<b>TOTAL ITEM B - WATER MAIN</b>				\$171,200.00

	<b>TOTAL ITEM A - PAVEMENT</b>	<b>\$3,128,708.00</b>
	<b>TOTAL ITEM B - WATER MAIN</b>	<b>\$171,200.00</b>
	<b>TOTAL BASE BID (A &amp; B)</b>	<b>\$3,299,908.00</b>