

331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950 F: 732.383.1984
www.colliersengineering.com



 ROBERT A. MULLIN, PE, PP, CME, CPWM N.J. P.E. Lic. No. GE30361 9/9/2022															
Project Name SCHOOLHOUSE ROAD/WRANGLEBROOK ROAD IMPROVEMENTS - PHASE 4 - 2022 MUNICIPAL AID City, State TOWNSHIP OF MANCHESTER, NEW JERSEY Project # MCT-0071				C. J. HESSE, INC. 25 First Avenue Atlantic Highlands, NJ 07716				EARLE ASPHALT COMPANY P. O. Box 556 Farmingdale, NJ 07727				SWIFT & SON INC. 505 Dugout Drive Lanoka Harbor, NJ 08734			
				MECO, INC. P. O. Box 536 Clarksburg, NJ 08510				BLACK ROCK ENTERPRISES, LLC 1316 Englishtown Road Old Bridge, NJ 08857							
ESTIMATE OF QUANTITIES															
Item #	Description	Unit	Contract Quantities	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
BASE BID PROPOSAL															
1	MOBILIZATION	LS	1	\$ 13,952.42	\$ 13,952.42	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,575.25	\$ 5,575.25	\$ 10,000.00	\$ 10,000.00		
2	CLEARING SITE	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 9,126.03	\$ 9,126.03	\$ 100.00	\$ 100.00	\$ 25,050.00	\$ 25,050.00	\$ 7,500.00	\$ 7,500.00		
3	FUEL PRICE ADJUSTMENTS	DOLLAR	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00		
4	ASPHALT PRICE ADJUSTMENTS	DOLLAR	1	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00		
5	BREAKAWAY BARRICADE	UN	10	\$ 0.01	\$ 0.10	\$ 0.01	\$ 0.10	\$ 0.01	\$ 0.10	\$ 5.00	\$ 50.00	\$ 1.00	\$ 10.00		
6	DRUM	UN	20	\$ 0.01	\$ 0.20	\$ 0.01	\$ 0.20	\$ 0.01	\$ 0.20	\$ 5.00	\$ 100.00	\$ 1.00	\$ 20.00		
7	TRAFFIC CONE	UN	40	\$ 0.01	\$ 0.40	\$ 0.01	\$ 0.40	\$ 0.01	\$ 0.40	\$ 5.00	\$ 200.00	\$ 1.00	\$ 40.00		
8	CONSTRUCTION SIGNS	SF	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 15.00	\$ 1,500.00	\$ 1.00	\$ 100.00		
9	TRAFFIC DIRECTOR, FLAGGER	HR	100	\$ 75.00	\$ 7,500.00	\$ 75.00	\$ 7,500.00	\$ 75.00	\$ 7,500.00	\$ 75.00	\$ 7,500.00	\$ 75.00	\$ 7,500.00		
10	HMA MILLING, 3" OR LESS	SY	12465	\$ 1.95	\$ 24,306.75	\$ 3.00	\$ 37,395.00	\$ 2.00	\$ 24,930.00	\$ 3.50	\$ 43,627.50	\$ 5.00	\$ 62,325.00		
11	EXCAVATION, UNCLASSIFIED	CY	1250	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 10.00	\$ 12,500.00		
12	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	1570	\$ 95.00	\$ 149,150.00	\$ 95.00	\$ 149,150.00	\$ 122.00	\$ 191,540.00	\$ 120.00	\$ 188,400.00	\$ 115.00	\$ 180,550.00		
13	HOT MIX ASPHALT 19M64 BASE COURSE, 4" THICK	TON	300	\$ 0.01	\$ 3.00	\$ 50.00	\$ 15,000.00	\$ 0.01	\$ 3.00	\$ 0.01	\$ 3.00	\$ 130.00	\$ 39,000.00		
14	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	SY	1250	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 0.01	\$ 12.50	\$ 7.00	\$ 8,750.00		
15	8" X 18" CONCRETE VERTICAL CURB	LF	25	\$ 85.00	\$ 2,125.00	\$ 60.00	\$ 1,500.00	\$ 50.00	\$ 1,250.00	\$ 58.00	\$ 1,450.00	\$ 45.00	\$ 1,125.00		
16	TRAFFIC STRIPES, 4"	LF	8200	\$ 0.55	\$ 4,510.00	\$ 0.60	\$ 4,920.00	\$ 0.50	\$ 4,100.00	\$ 0.85	\$ 6,970.00	\$ 0.80	\$ 6,560.00		
17	REGULATORY AND WARNING SIGN	SF	30	\$ 42.50	\$ 1,275.00	\$ 40.00	\$ 1,200.00	\$ 40.00	\$ 1,200.00	\$ 45.00	\$ 1,350.00	\$ 44.00	\$ 1,320.00		
18	CURB PIECE, TYPE "N" ECO	UN	3	\$ 346.00	\$ 1,038.00	\$ 500.00	\$ 1,500.00	\$ 400.00	\$ 1,200.00	\$ 475.00	\$ 1,425.00	\$ 400.00	\$ 1,200.00		
19	BICYCLE SAFE GRATE	UN	3	\$ 394.00	\$ 1,182.00	\$ 400.00	\$ 1,200.00	\$ 400.00	\$ 1,200.00	\$ 325.00	\$ 975.00	\$ 400.00	\$ 1,200.00		
20	RECONSTRUCTED INLET, TYPE B, USING EXISTING CASTING	UN	1	\$ 1,620.00	\$ 1,620.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 2,200.00	\$ 2,200.00	\$ 2,000.00	\$ 2,000.00		
21	TOPSOIL SPREADING, 6" THICK	SY	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 10.00	\$ 1,000.00	\$ 6.00	\$ 600.00		
22	FERTILIZING AND SEEDING, TYPE A-3	SY	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00		
23	STRAW MULCHING	SY	100	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 0.01	\$ 1.00	\$ 1.00	\$ 100.00	\$ 1.00	\$ 100.00		
TOTAL BASE BID PROPOSAL				\$ 225,691.87		\$ 243,520.73		\$ 247,802.70		\$ 296,600.75		\$ 351,500.00			
ALTERNATE BID A PROPOSAL															
1	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
2	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
3	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
4	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
5	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
6	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
7	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
8	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
9	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
10	HMA MILLING, 3" OR LESS	SY	6710	\$ 1.95	\$ 13,084.50	\$ 3.00	\$ 20,130.00	\$ 2.00	\$ 13,420.00	\$ 3.50	\$ 23,485.00	\$ 5.00	\$ 33,550.00		
11	EXCAVATION, UNCLASSIFIED	CY	670	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 10.00	\$ 6,700.00		
12	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 2" THICK	TON	840	\$ 95.00	\$ 79,800.00	\$ 95.00	\$ 79,800.00	\$ 122.00	\$ 102,480.00	\$ 120.00	\$ 100,800.00	\$ 120.00	\$ 100,800.00		
13	HOT MIX ASPALT 19M64 BASE COURSE, 4" THICK	TON	160	\$ 0.01	\$ 1.60	\$ 50.00	\$ 8,000.00	\$ 0.01	\$ 1.60	\$ 0.01	\$ 1.60	\$ 130.00	\$ 20,800.00		
14	DENSE-GRADED AGGREGATE BASE COURSE, 6" THICK	SY	670	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 0.01	\$ 6.70	\$ 7.00	\$ 4,690.00		
15	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
16	TRAFFIC STRIPES, 4"	LF	4415	\$ 0.55	\$ 2,428.25	\$ 0.60	\$ 2,649.00	\$ 0.50	\$ 2,207.50	\$ 0.85	\$ 3,752.75	\$ 0.80	\$ 3,532.00		
17	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
18	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
19	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
20	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
21	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
22	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
23	NO ITEM			\$ -		\$ -		\$ -		\$ -		\$ -			
ALTERNATE BID A PROPOSAL				\$ 95,327.75		\$ 110,592.40		\$ 118,122.50		\$ 128,052.75		\$ 170,072.00			
TOTAL BASE BID PROPOSAL + ALTERNATE BID A PROPOSAL				\$ 321,019.62		\$ 354,113.13		\$ 365,925.20		\$ 424,653.50		\$ 521,572.00			



ROBERT A. MULLIN, PE, PP, CME, CPWM
NJ, P.E. Lic. No. GE30361

9/9/2022

Project Name

City, State

Project #

SCHOOLHOUSE ROAD/WRANGLEBROOK ROAD IMPROVEMENTS - PHASE 4 - 2022 MUNICIPAL AID
TOWNSHIP OF MANCHESTER, NEW JERSEY
MCT-0071

	C. J. HESSE, INC. 25 First Avenue Atlantic Highlands, NJ 07716	EARLE ASPHALT COMPANY P. O. Box 556 Farmingdale, NJ 07727	SWIFT & SON INC. 505 Dugout Drive Lanoka Harbor, NJ 08734	MECO, INC. P. O. Box 536 Clarksburg, NJ 08510	BLACK ROCK ENTERPRISES, LLC 1316 Englishtown Road Old Bridge, NJ 08857
ESTIMATE OF QUANTITIES					
REQUIRED DOCUMENTS					
BID GUARANTEE	X	X	X	X	X
CERTIFICATE FROM SURETY COMPANY	X	X	X	X	X
STATEMENT OF CORPORATE OWNERSHIP	X	X	X	X	X
LIST OF SUBCONTRACTORS	X	X	X	X	X
BIDDERS ACKNOWLEDGMENT OF REVISIONS TO BID DOCUMENTS	X	X	X	X	X
BIDDERS TO VISIT SITE	X	X	X	X	X
EXPERIENCE STATEMENT	X	X	X	X	X
NOTICE OF FEDERALLY MANDATED ANTI-DRUG/ALCOHOL PLAN	X	X	X	X	X
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN AS REQUIRED BY N.J.S.A. 40A:11-2.1	X	X	X	X	X
PROOF OF BUSINESS REGISTRATION	X	X	X	X	X
CONSENT OF SURETY AS TO LABOR AND MATERIAL PAYMENT BOND	X	X	X	X	X
SUBCONTRACTOR EXPERIENCE STATEMENT	X	X	X	X	X
PUBLIC WORKS CONTRACTOR REGISTRATION	X	X	X	X	X
CONSENT OF SURETY AS TO MAINTENANCE BOND	X	X	X	X	X
NON-COLLUSION AFFIDAVIT (NOTARIZED)	X	X	X	X	X
EQUIPMENT CERTIFICATION	X	X	X	X	X
FEDERAL NON-DEBARMENT CERTIFICATION	X	X	X	X	X
CERTIFICATION OF NON-INVOLVEMENT IN PROHIBITED ACTIVITIES IN RUSSIA OR BELARUS	X	X	X	X	X
EVIDENCE OF AFFIRMATIVE ACTION COMPLIANCE	X	X		X	X