

LUCAS BROTHERS, INC.
80 AMBOY ROAD
MORGANVILLE, NEW JERSEY 07751
(732) 536-6663

North Brunswick - Huron Road Improvements
Township Council and Mayor
710 Huron Road, North Brunswick, NJ

88/84 G 11:00 A.M.



10:43 AM
[Signature]

HURON ROAD IMPROVEMENTS
TOWNSHIP OF NORTH BRUNSWICK
CONTRACT NO. 24-001

C-23

C4. THE BIDDER WILL SATISFACTORILY COMPLETE THE WORK ON THIS CONTRACT FOR THE FOLLOWING PRICES

ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
1	Mobilization	LUMP SUM	318,834.	36	318,834.	36
2	Breakaway barricade (If and where ordered)	21 UN	1.	00	21.	00
3	Drum (If and where ordered)	49 UN	1.	00	49.	00
4	Traffic cone (If and where ordered)	50 UN	1.	00	50.	00
5	Construction signs (If and where ordered)	270 SF	18.	00	4,860.	00
6	Traffic director, Municipal Police Allowance (If and where ordered)	ALLOWANCE	\$120,000.	00	\$120,000.	00
7	Arrow board, 4'x8' (If and where ordered)	1 UN	500.	00	500.	00
8	Portable variable message sign (If and where ordered)	1 UN	500.	00	500.	00
9	Traffic control truck with mounted crash cushion (If and where ordered)	1 UN	500.	00	500.	00
10	Asphalt price adjustment (If and where ordered)	DOLLARS	\$15,000.	00	\$15,000.	00
11	Fuel price adjustment (If and where ordered)	DOLLARS	\$10,000.	00	\$10,000.	00
12	Allowance for work not specified (If and where ordered)	ALLOWANCE	\$25,000.	00	\$25,000.	00
13	Remove existing curb or rolled curb and gutter (including sawcutting)	2,926 LF	29.	26	29.26	
14	Remove existing walks	9,733 SF	97.	33	97.33	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
15	Remove and dispose of existing storm sewer structures (salvage castings) (If and where ordered)	1 UN	1.	00	1.	00
16	Remove existing fire hydrant, run-out and valve along municipal roadway, salvage hydrant to owner (If and where ordered)	2 UN	1.	00	2.	00
17	Clearing site	LUMP SUM	\$15,000.00		\$15,000.00	
18	Excavation, unclassified	2,842 CY	6.	00	17,052.	00
19	Remove and replace roadway base (if and where ordered)	444 SY	0.	01	4.44	
20	Driveway excavation, unclassified	293 CY	19.	00	5,567.	00
21	Excavation, unclassified, test pit (If and where ordered)	91 CY	90.	00	8,190.	00
22	2" to 2-1/2" clean stone subbase (If and where ordered) (Minimum unit price bid \$10.00/CY)	797 CY	10.	00	7,970.	00
23	Geotextile roadway stabilization (If and where ordered)	2,368 SY	0.	01	23.68	
24	Dense graded aggregate base course (Minimum unit price bid \$10.00/CY)	869 CY	10.	00	8,690.	00
25	HMA milling, 3" or less	2,644 SY	5.	80	15,335.	20
26	Polymerized joint adhesive	11,264 LF	0.	01	112.64	
27	Tack Coat	1,183 GAL	0.	01	11.83	
28	Prime Coat	2,605 GAL	0.	01	26.05	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
29	Hot mix asphalt 9.5M64 surface and leveler course	1,191 TON	99. ⁰⁰		115,527. ⁰⁰	
30	Hot mix asphalt 19M64 base course	1,837 TON	105. ⁰⁰		192,885. ⁰⁰	
31	Dense graded aggregate for pipe trench (If and where ordered)	2,293 CY	0.01		22.93	
32	6" dia. smooth wall interior, corrugated, perforated polyethylene tubing (PPT) underdrains with filter fabric, stone backfill for subsurface drains, bedding and backfill (If and where ordered)	4,047 LF	17. ⁰⁰		68,799. ⁰⁰	
33	PVC, SDR-35 Leader drain extension or reconstruction (If and where ordered)	15 UN	250. ⁰⁰		3,750. ⁰⁰	
34	Connect leader or sump drain to proposed 6" dia. PPT underdrain including fittings, cleanout and brass cap (If and where ordered)	30 UN	250. ⁰⁰		7,500. ⁰⁰	
35	15" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets, including excavation and backfill, Type 57 stone bedding, Type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work	230 LF	120. ⁰⁰		27,600. ⁰⁰	
36	18" dia. reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets, including excavation and backfill, Type 57 stone bedding, Type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work	90 LF	155. ⁰⁰		13,950. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
37	22"x34" elliptical reinforced concrete pipe (ERCP), Class IV storm sewer with flexible watertight gaskets, including excavation and backfill, Type 57 stone bedding, Type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work	49 LF	240. ⁰⁰		11,760. ⁰⁰	
38	Inlet type B, 6" head	2 UN	6,300. ⁰⁰		12,600. ⁰⁰	
39	Reconstruct inlet, type A	1 UN	2,700. ⁰⁰		2,700. ⁰⁰	
40	Reconstruct inlet, type B, 8" head	9 UN	2,600. ⁰⁰		23,400. ⁰⁰	
41	Handhole with casting (Minimum unit price bid \$200.00/UN)	16 UN	4,200. ⁰⁰		67,200. ⁰⁰	
42	Reset existing casting	8 UN	250. ⁰⁰		2,000. ⁰⁰	
43	Concrete sidewalks, 4" thick	11,948 SF	9.25		110,519. ⁰⁰	
44	Concrete driveways, reinforced, 6" thick	5,614 SF	10.40		58,385.60	
45	Concrete driveways, reinforced, 10" thick, commercial	244 SF	17. ⁰⁰		4,148. ⁰⁰	
46	Hot mix asphalt driveway, 2" thick	286 SY	70. ⁰⁰		⑬ 20,020. ⁰⁰	
47	Hot mix asphalt driveway, 6" thick, commercial	87 SY	230. ⁰⁰		20,010. ⁰⁰	
48	Driveway restoration, pavers	227 SF	14. ⁰⁰		3,178. ⁰⁰	
49	Detectable warning surface	11 SY	450. ⁰⁰		4,950. ⁰⁰	
50	8" x 16" concrete vertical curb	164 LF	38. ⁰⁰		6,232. ⁰⁰	
51	8" x 18" concrete vertical curb	4,388 LF	38. ⁰⁰		166,744. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
52	Reset granite block curb (If and where ordered)	113 LF	38. ⁰⁰		4,294. ⁰⁰	
53	Traffic stripes, long-life, "thermoplastic", 4" wide, with glass beads	4,020 LF	1. ⁰⁰		4,020. ⁰⁰	
54	Traffic stripes, long-life, "thermoplastic", 6" wide, with glass beads	500 LF	1.45		725. ⁰⁰	
55	Traffic stripes, long-life, "thermoplastic", 24" wide, with glass beads	110 LF	5.80		638. ⁰⁰	
56	Traffic markings, "thermoplastic"	273 SF	10. ⁰⁰		2,730. ⁰⁰	
57	Signs	156 SF	50. ⁰⁰		7,800. ⁰⁰	
58	Roadway trench repair (If and where ordered)	634 SY	0.01		6.34	
59	Temporary trench repair (If and where ordered)	1,830 SY	0.01		18.30	
60	Remove existing water distribution piping from municipal roadway, including excavation appurtenances, all pipe, fittings and all associated work as required by the contract documents (If and where ordered)	1,344 LF	0.01		13.44	
61	Abandon existing water main distribution piping and fill with grout (If and where ordered)	1,030 LF	0.01		10.30	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
62	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	11 LF	63. ⁰⁰		693. ⁰⁰	
63	Furnish and install 6" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	6 LF	185. ⁰⁰		1,110. ⁰⁰	
64	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	109 LF	145. ⁰⁰		15,805. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
65	Furnish and install 8" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	123 LF	170. ⁰⁰		20,910. ⁰⁰	
66	Furnish and install 10" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	1,994 LF	130. ⁰⁰		259,220. ⁰⁰	
67	Furnish and install 10" dia. cement lined DIP Class 52 water main along municipal roadway with M.J. type joints, including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	47 LF	240. ⁰⁰		11,280. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED PRICE
			DOLLARS CENTS	DOLLARS CENTS
68	Furnish and install 12" dia. cement lined DIP Class 52 water main along municipal roadway including excavation, backfill, NJDOT No. 57 stone bedding, geotextile filter fabric, M.J. fittings, polyethylene encasement, thrust blocks, restraining rods and collars, appurtenances and all associated work in accordance with the contract documents (If and where ordered)	50 LF	200. ⁰⁰	10,000. ⁰⁰
69	Furnish and install 12" dia. (10.90" I.D.) HDPE DR9 water main by trenchless installation, including excavation of sending and receiving pits, backfill, NJDOT No. 57 stone bedding, fittings, concrete encasement, thrust blocks, restraining rods and collars, tracer wire, appurtenances and all other associated work in accordance with the contract documents. (If and where ordered)	101 LF	785. ⁰⁰	⑭ 79,285. ⁰⁰
70	Furnish and install 1" water service including all corporation stops, curb boxes, curb stop, adapters, fittings, pavement removal, excavation, backfill & restoration	21 UN	2,600. ⁰⁰	54,600. ⁰⁰
71	Furnish and install 1" K copper pipe water service and connection using open cut method to proposed water main	630 LF	25. ⁰⁰	15,750. ⁰⁰

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
72	Furnish and install fire hydrant assembly along municipal roadway including tee, 6" isolation gate valve and box, 6" CLDIP Class 52, restraint rodding, thrust blocks, clean 1-1/2" crushed stone, polyethylene fabric, granular backfill, and all other associated work in accordance with the contract documents (If and where ordered)	5 UN	12,700. ⁰⁰		63,500. ⁰⁰	
73	Furnish and install 8" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	4 UN	5,200. ⁰⁰		20,800. ⁰⁰	
74	Furnish and install 10" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	11 UN	6,600. ⁰⁰		72,600. ⁰⁰	
75	Furnish and install 12" buried M.J. gate valve and valve box within a proposed water main along municipal roadway, including fittings, spool pieces, excavation, backfill, appurtenances, and all other associated work in accordance with the contract documents (If and where ordered)	2 UN	8,600. ⁰⁰		17,200. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS CENTS		DOLLARS CENTS	
76	10" insertion valve and valve box on an existing water main including fittings, testing, excavation, backfill, appurtenances, and all other work in accordance with the contract documents (If and where ordered)	1 UN	19,800. ⁰⁰		19,800. ⁰⁰	
77	12" insertion valve and valve box on an existing water main including fittings, testing, excavation, backfill, appurtenances, and all other work in accordance with the contract documents (If and where ordered)	1 UN	23,000. ⁰⁰		23,000. ⁰⁰	
78	Furnish and install inline connection between proposed and existing water mains including necessary coupling (dresser type restrained coupling), necessary restraint, friction clamps, concrete thrust collars, restraining rods, connection of water mains, polyethylene encasement, filter fabric, excavation, backfill, all other appurtenances and all other associated work in accordance with the contract documents (If and where ordered)	7 UN	2,100. ⁰⁰		14,700. ⁰⁰	
79	Furnish and install water main utility crossings in accordance with the details, including all work, labor, materials, and all else necessary and incidental thereto (If and where ordered)	3 UN	3,000. ⁰⁰		9,000. ⁰⁰	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE		EXTENDED PRICE	
			DOLLARS	CENTS	DOLLARS	CENTS
80	Furnish and install temporary by-pass potable water distribution piping on Huron Road including water services and all other work and appurtenances as required by the contract documents (If and where ordered)	LUMP SUM	1.00		1.00	
81	Miscellaneous concrete, Class B (If and where ordered)	12 CY	1.00		12.00	
82	Speed hump, including striping and signs	2 UN	5,400.00		10,800.00	
83	Loop detector (If and where ordered)	202 LF	80.00		16,160.00	
84	Loop detector cable (If and where ordered)	181 LF	23.00		4,163.00	
85	Remove additional trees over 4" up to and including 8" caliper (If and where ordered)	2 UN	1.00		2.00	
86	Remove additional trees over 8" up to and including 12" caliper (If and where ordered)	2 UN	1.00		2.00	
87	Remove additional trees over 12" up to and including 16" caliper (If and where ordered)	2 UN	1.00		2.00	
88	Remove additional trees over 16" caliper (If and where ordered)	2 UN	1.00		2.00	
89	Topsolling, 4" thick, including fine grading (If and where ordered)	3,058 SY	5.60		17,124.80	
90	Fertilizing (If and where ordered)	3,058 SY	1.25		3,822.50	
91	Sodding (If and where ordered)	3,058 SY	7.00		21,406.00	

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ITEM NO.	DESCRIPTION	APPROXIMATE QUANTITY	UNIT PRICE	EXTENDED PRICE
			DOLLARS CENTS	DOLLARS CENTS
92	Replacement trees	2 UN	1. ⁰⁰	2. ⁰⁰
93	Replacement shrubs	5 UN	1. ⁰⁰	5. ⁰⁰

PROPOSAL AND SCHEDULE OF BIDS

The undersigned, having familiarized himself/herself/itself with all of the Bid Documents, hereby proposes to furnish the Work required in accordance with the Bid Documents, which are attached hereto and made a part hereof, for the price(s) set forth below, exempt of all taxes.

Total of Prices Bid based upon Estimated Quantities for above listed items 1 through 93 inclusive:

2,320,320.⁰⁰

(Amount - Figures)

Dollars.

Two million three hundred twenty thousands three hundred twenty
dollars and zero cents

(Amount Written)

Time for completion of this Contract is 120 calendar days.

Quantities are not guaranteed. Final payment will be based on actual quantities.