

CITY OF NEWTON, MASSACHUSETTS
PURCHASING DEPARTMENT
COMPARISON OF BIDS
INVITATION #05-76
TRAFFIC SIGNAL MAINTENANCE

BID OPENING TIME: 10:00 A.M. JUNE 28, 2005
PROJECT MANAGER: CLINT SCHUCKEL
PUBLIC WORKS/TRAFFIC DEPARTMENT

Non- Responsive

BIDDER	EST 3YR. QUANTITY	DAGLE ELECTRICAL		REPUBLIC ELECTRIC		BELL TRAFFIC SIGNAL		VIGIL ELECTRIC	
		UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1. POLICE DETAIL ALLOWANCE	\$20,000.00	\$20,000.00		\$20,000.00		\$20,000.00		\$20,000.00	
2. MISC. MATERIALS ALLOWANCE (billed @ contractors cost + 15%)	\$60,000.00	\$60,000.00		\$60,000.00		\$60,000.00		\$60,000.00	
3. 3 INCH ELECTRICAL CONDUIT PVC SCHEDULE 40	100	\$0.10	\$10.00	\$29.00	\$2,900.00	\$30.00	\$3,000.00	\$200.00	\$20,000.00
4. TRAFFIC SIGNAL POST FOUNDATION(mass spec.SD3.030)	5	\$0.10	\$0.50	\$389.00	\$1,945.00	\$250.00	\$1,250.00	\$1,000.00	\$5,000.00
5. 12 INCH X 12 INCH PULL BOX(MHD SPEC.SD2.031)	5	\$0.10	\$0.50	\$209.00	\$1,045.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00
6. TRAFFIC SIGNAL LOOP DETECTOR IN ROADWAY (including sawcut & sealant)	2000	\$3.00	\$6,000.00	\$14.00	\$28,000.00	\$13.00	\$26,000.00	\$20.00	\$40,000.00
7. TRAFFIC SIGNAL LOOP DETECTOR LEAD-IN WIRE	200	\$1.00	\$200.00	\$8.00	\$1,600.00	\$1.00	\$200.00	\$5.00	\$1,000.00
8. TRAFFIC SIGNAL METAL BASE OCTAGONAL	50	\$200.00	\$10,000.00	\$254.00	\$12,700.00	\$275.00	\$13,750.00	\$450.00	\$22,500.00
9. TRAFFIC SIGNAL POST (8' OR 10')	50	\$150.00	\$7,500.00	\$323.00	\$16,150.00	\$175.00	\$8,750.00	\$450.00	\$22,500.00
10. TRAFFIC SIGNAL TYPE-2 STEEL MAST ARM (35' or shorter)	2	\$3,200.00	\$6,400.00	\$6,817.00	\$13,634.00	\$5,100.00	\$10,200.00	\$10,000.00	\$20,000.00
11. VEHICLE SIGNAL HEAD - 8" SINGLE SECTION	10	\$194.00	\$1,940.00	\$102.00	\$1,020.00	\$70.00	\$700.00	\$150.00	\$1,500.00
12. VEHICLE SIGNAL HEAD - 12" SINGLE SECTION	70	\$100.00	\$7,000.00	\$95.00	\$6,650.00	\$120.00	\$8,400.00	\$200.00	\$14,000.00
13. PEDESTRIAN SIGNAL HEAD - 12" LED-FILLED SINGLE SECTION	5	\$200.00	\$1,000.00	\$203.00	\$1,015.00	\$275.00	\$1,375.00	\$750.00	\$3,750.00
14. PEDESTRIAN SIGNAL HEAD - 16" LED FILLED SINGLE SECTION	5	\$300.00	\$1,500.00	\$208.00	\$1,040.00	\$360.00	\$1,800.00	\$850.00	\$4,250.00
15. POST TOP MOUNTING - 1 WAY	10	\$80.00	\$800.00	\$145.00	\$1,450.00	\$100.00	\$1,000.00	\$150.00	\$1,500.00
16. POST TOP MOUNTING - 2 WAY	5	\$170.00	\$850.00	\$230.00	\$1,150.00	\$180.00	\$900.00	\$250.00	\$1,250.00
17. PEDESTRIAN PUSHBOTTON WITH SADDLE & SIGN	50	\$70.00	\$3,500.00	\$146.00	\$7,300.00	\$100.00	\$5,000.00	\$200.00	\$10,000.00
18. VEHICLE SIGNAL INDICATION - 8" LED RED BALL	15	\$45.00	\$675.00	\$89.00	\$1,335.00	\$65.00	\$975.00	\$100.00	\$1,500.00
19. VEHICLE SIGNAL INDICATION - 8" LED YELLOW BALL	10	\$45.00	\$450.00	\$90.00	\$900.00	\$87.00	\$870.00	\$120.00	\$1,200.00
20. VEHICLE SIGNAL INDICATION - 8" LED GREEN BALL	20	\$80.00	\$1,600.00	\$110.00	\$2,200.00	\$135.00	\$2,700.00	\$140.00	\$2,800.00
21. VEHICLE SIGNAL INDICATION - 12" LED GREEN BALL	35	\$80.00	\$2,800.00	\$90.00	\$3,150.00	\$140.00	\$4,900.00	\$150.00	\$5,250.00
22. VEHICLE SIGNAL INDICATION - 12" LED YELLOW BALL	10	\$55.00	\$550.00	\$99.00	\$990.00	\$95.00	\$950.00	\$175.00	\$1,750.00
23. VEHICLE SIGNAL INDICATION - 12" LED GREEN BALL	35	\$80.00	\$2,800.00	\$129.00	\$4,515.00	\$80.00	\$2,800.00	\$200.00	\$7,000.00
24. VEHICLE SIGNAL INDICATION - 12" BIMODAL GREEN/YELLOW ARROW	5	\$140.00	\$700.00	\$129.00	\$645.00	\$160.00	\$800.00	\$450.00	\$2,250.00
25. TRAFFIC SIGNAL CONTROLLER CABINET NEMA TS 2 TYPE 1 (SIZE M OR P)	2	\$7,000.00	\$14,000.00	\$10,107.00	\$20,214.00	\$15,000.00	\$30,000.00	\$20,000.00	\$40,000.00
26. TRAFFIC SIGNAL CONTROLLER (EPAC 300 SERIES OR APPROVED EQUIVALENT)	5	\$2,800.00	\$14,000.00	\$2,319.00	\$11,595.00	\$3,000.00	\$15,000.00	\$5,000.00	\$25,000.00
27. LOOP DETECTOR AMPLIFIER DUAL CHANNEL SHELF MOUNT	5	\$260.00	\$1,300.00	\$266.00	\$1,330.00	\$280.00	\$1,400.00	\$650.00	\$3,250.00
28. LOOP DETECTOR AMPLIFIER DUAL CHANNEL RACK MOUNT	5	\$180.00	\$900.00	\$170.00	\$850.00	\$190.00	\$950.00	\$450.00	\$2,250.00
29. 12 CHANNEL CONFLICT MONITOR NEMA TS 2/MMU NEMA TS 2	5	\$775.00	\$3,875.00	\$1,124.00	\$5,620.00	\$900.00	\$4,500.00	\$1,500.00	\$7,500.00
30. BUS INTERFACE UNIT 200 (BIU) NEMA TS 2	5	\$300.00	\$1,500.00	\$350.00	\$1,750.00	\$325.00	\$1,625.00	\$750.00	\$3,750.00
31. LOAD SWITCHES NEMA TS 2	30	\$50.00	\$1,500.00	\$49.00	\$1,470.00	\$100.00	\$3,000.00	\$150.00	\$4,500.00
32. SCHOOL FLASHER ASSEMBLY	10	\$2,000.00	\$20,000.00	\$2,418.00	\$24,180.00	\$2,300.00	\$23,000.00	\$5,000.00	\$50,000.00
33. TIME CLOCK (AP-21 OR EQUIVALENT)	5	\$400.00	\$2,000.00	\$447.00	\$2,235.00	\$390.00	\$1,950.00	\$1,000.00	\$5,000.00

FISCAL YEAR 2006

A. HOURLY RATE PER ELECTRICIAN

1000

\$100.50
\$100,500.00

\$89.00
\$89,000.00

\$118.00
\$118,000.00

\$115.00
\$115,000.00

B. HOURLY RATE PER LABORER: DIGGING,SAWCUTTING & OTHER
UNSKILLED WORK

300

\$45.00
\$13,500.00

\$64.00
\$19,200.00

\$90.00
\$27,000.00

\$90.00
\$27,000.00

TOTAL LABOR & BID PRICE FOR FISCAL YEAR 2006

\$114,000.00

\$108,200.00

\$145,000.00

\$142,000.00

FISCAL YEAR 2007

C. HOURLY RATE PER ELECTRICIAN

1000

\$105.53
\$105,530.00

\$93.00
\$93,000.00

\$118.00
\$118,000.00

\$120.00
\$120,000.00

D. HOURLY RATE PER LABORER: DIGGING,SAWCUTTING & OTHER
UNSKILLED WORK

300

\$47.25
\$14,175.00

\$67.00
\$20,100.00

\$90.00
\$27,000.00

\$95.00
\$28,500.00

TOTAL LABOR BID PRICE FOR FISCAL YEAR 2007

\$119,705.00

\$113,100.00

\$145,000.00

\$148,500.00

FISCAL YEAR 2008

E. HOURLY RATE PER ELECTRICIAN

1000

\$110.81
\$110,810.00

\$95.00
\$95,000.00

\$118.00
\$118,000.00

\$125.00
\$125,000.00

F. HOURLY RATE PER LABORER: DIGGING,SAWCUTTING & OTHER
UNSKILLED WORK

300

\$49.62
\$14,886.00

\$68.00
\$20,400.00

\$90.00
\$27,000.00

\$100.00
\$30,000.00

TOTAL LABOR BID PRICE FOR FISCAL YEAR 2008

\$125,696.00

\$115,400.00

\$145,000.00

\$155,000.00

TOTAL BID PRICE FOR FISCAL YEAR 2006 + 2007 + 2008

\$359,401.00

\$336,700.00

\$435,000.00

\$445,500.00

**TOTAL BID PRICE 2006,2007,2008
TOTAL ITEM BID PRICE**

&

\$554,752.00

\$597,278.00

\$693,745.00

\$858,250.00

JH

AWARD RECOMMENDED TO

DATE

CHIEF PROCUREMENT OFFICER

DATE

DEPARTMENT HEAD

DATE

DAVID B. COHEN
MAYOR

DATE