

## 2007 TRAFFIC SIGNAL MAINTENANCE SERVICES

ENGINEER'S ESTIMATE \$140,000 to 148,000  
 BID OPENING November 17th, 2006

CONTRACTOR				REPUBLIC ITS NOVATO		ECONOLITE ANAHEIM	
ITEM	DESCRIPTION			UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
<b>PREVENTATIVE MAINTENANCE</b>							
A.	Monthly + Semi-Annual Inspection of (37) Traffic Signal Systems for one year (37 x 12) = 444 Signal-Months	1056	Mo	\$85.00	\$89,760.00	\$112.14	\$118,419.84
B.	Monthly + Semi-Annual Inspection of (12) Flashing Beacons& (1) Advance Warning Signal	168	Mo	\$40.00	\$6,720.00	\$65.00	\$10,920.00
<b>TRAFFIC SIGNAL REPAIR / ACCIDENT DAMAGE REPAIR</b>							
A.	Estimated cost of Materials for 1 Year	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
1	Markup on Estimated Cost of Materials	%		15.00%	\$4,500.00	15.00%	\$4,500.00
<b>B. Labor, Straight Time</b>							
1	Signal Maintenance Supervisor	40	Hour	\$100.00	\$4,000.00	\$107.20	\$4,288.00
2	Signal Maintenance Technician	288	Hour	\$85.00	\$24,480.00	\$107.20	\$30,873.60
3	Traffic Signal Maintainer	200	Hour	\$85.00	\$17,000.00	\$80.00	\$16,000.00
4	Traffic Signal Laborer	200	Hour	\$45.00	\$9,000.00	\$80.00	\$16,000.00
<b>C. Labor, Overtime Estimated Overtime Hours per Year</b>							
1	Signal Maintenance Technician	20	Hour	\$145.00	\$2,900.00	\$133.35	\$2,667.00
2	Traffic Signal Maintainer	20	Hour	\$145.00	\$2,900.00	\$99.51	\$1,990.20
3	Traffic Signal Laborer	20	Hour	\$80.00	\$1,600.00	\$99.51	\$1,990.20
<b>D. Vehicles and Equipment Estimated Vehicles &amp; Equip for 1 Year</b>							
1	Service Boom Truck	288	Hour	\$25.00	\$7,200.00	\$90.00	\$25,920.00
2	Service Boom Truck	10	Day	\$100.00	\$1,000.00	\$400.00	\$4,000.00
3	Hydraulic Lift Truck	20	Hour	\$70.00	\$1,400.00	\$30.00	\$600.00
4	Hydraulic Lift Truck	10	Day	\$280.00	\$2,800.00	\$120.00	\$1,200.00
5	Estimated cost of Equipment for 1 Year	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
	Rental Equipment Overhead		rcentage	5.00%	\$150.00	15.00%	\$450.00
<b>TOTAL PROJECT BID</b>					<b>\$208,410.00</b>	<b>\$272,818.84</b>	