Construction of Sewer Manholes - 2006

name: S.Lopez *JN/PN:* XI31

bdgt.: $100,000 *counc. dst:* City Wide *Bid date:* 22 September 2006 *Date:*

Item no.	Description	Estimated Quantity	As-Built Quantity	Units	Estimated Cost	Low Bid per unit	Estimated Total	BID TOTAL	AS-BUILT TOTAL	Bid per unit	BID TOTAL
						Florez Paving LOW BIDDER		1		Central Pacific Constr.	2
1	Preconstruction Photographs	1		ls	750.00	1000.00	750.00	1000.00	0.00	500.00	500.00
2	Manhole #3 to Construct	12		ea	5,600	6500.00	67200.00	78000.00	0.00	8400.00	100800.00
3	Manhole #3A to Construct	3		ea	5,750	7500.00	17250.00	22500.00	0.00	9200.00	27600.00
Guide	*Labor Code*				*Estimate %*	*Actual %*	*% Change*	85,200.00	101,500.00	0.00	128900.00
5% - 10%	*Bid Contingency*				*0.0%*	*19.1%*	*0.0%*	0.00	16300.00	$101,500	27.00%
0% - 2%	*Planning*				*0.0%*	*0.0%*	*0.0%*	0	0		
.5% - 5%	*Environmental*				*0.3%*	*0.0%*	*-100.0%*	213	0		
	subtotal - Planning Phase costs				*0.3%*	*0.0%*	*-100.0%*	213	0		
1% - 2%	*Pre-design*				*0.0%*	*0.0%*	*0.0%*	0	0		
5% - 3%	*Surveying*				*0.0%*	*0.0%*	*0.0%*	0	0		
2 - $6,00	*Geotech Consultant*				*0.0%*	*0.0%*	*0.0%*	0	0		
0% - 1%	*Potholes*				*0.0%*	*0.0%*	*0.0%*	0	0		
2% - 4%	*Drafting*				*3.0%*	*0.0%*	*-100.0%*	2,556	0		
4% - 8%	*Design*				*3.0%*	*0.0%*	*-100.0%*	2,556	0		
varies	*Design Consultants (all disciplines)*				*0.0%*	*0.0%*	*0.0%*	0	0		
.5% - 1%	*Contract Admin*				*1.0%*	*0.0%*	*-100.0%*	852	0		
0% - 1%	*Real Property Administration*				*0.0%*	*0.0%*	*0.0%*	0	0		
varies	*Other - Permits*				*0.0%*	*0.0%*	*0.0%*	0	0		
varies	*Plant/Field Support*				*3.0%*	*0.0%*	*-100.0%*	2,556	0		
	subtotal - Design Phase costs				*10.0%*	*0.0%*	*-100.0%*	8,520	0		
varies	*ROW (Property Cost)*				*0.0%*	*0.0%*	*0.0%*	0	0		
1% - 3%	*Bid Amount*							85,200	101,500		
1% - 3%	*Engineering Construction Support*				*2.0%*	*0.0%*	*-100.0%*	1,704	0		
.5% - 1.5%	*Constrution Staking*				*0.0%*	*0.0%*	*0.0%*	0	0		
3% - 8%	*Construction Inspection*				*5.0%*	*0.0%*	*-100.0%*	4,260	0		
1% - 3%	*Construction Administration*				*2.0%*	*0.0%*	*-100.0%*	1,704	0		
varies	*Const Consult (soils/mat test, CM)*				*1.0%*	*0.0%*	*-100.0%*	852	0		
	subtotal - Construction Phase Costs				*10.0%*	*0.0%*	*-100.0%*	8,520	0		
4% - 10%	*Construction Contingency/C.O.s*				*0.0%*	*0.0%*	*0.0%*	0	0		
	PROJECT SUMMARY										
	Design Costs (for Comparison) % =des/bid				*6.0%*	*0.0%*	*-100.0%*	*5,112*	*0*		
	Total Construction Cost (Bid + COs)										
Bid	*19.1% (above Estimate)*				*TOTAL PROJECT COST*		*-0.9%*	102,453	101,500		

no.	Description	AVERAGE UNIT	AVERAGE TOTAL	LEAST UNIT	HIGHEST UNIT	MED-IAN
1	Preconstruction Photographs	625.00	250.00	500.00	750.00	625.00
2	Manhole #3 to Construct	37800.00	50400.00	8400.00	67200.00	37800.00
3	Manhole #3A to Construct	13225.00	13800.00	9200.00	17250.00	13225.00
			64450.00			
			-36.50%	37,050		