Robla Reservoir Interior Coating Project

name: W. Peterson *JN/PN:* **ZK56**

bdgt. **$500,000** *counc. dst* 2 *Bid date:* 16-Feb-05

Item no.	Code	Description	Est. Quantity		Est. Cost	Low Bid per unit	Est.Total	BID BID TOTAL
						AA-1 Services, LOW BIDDER 1		
1		Coating the Reservoir Interior	1	LS	550,000.00	352000.00	550000.00	352000.00
2		Alternative Bid Items						
2A		1/4-Inch Fillet Welds	25	LF	150.00	48.00	3750.00	1200.00
2B		Puddle Welds	20	EA	200.00	40.00	4000.00	800.00
Guide	*Labor Code*		*Estimate %*		*Actual %*	*% Change*	557750.00	354000.00
5% - 10%		*Contingency*	*0.0%*		*-36.5%*	*0.0%*	0	(203,750)
		subtotal - bid related costs					$557,750	$354,000
0% - 2%	*BA*	*Planning*	*0.0%*		*0.0%*	*0.0%*	0	
1% - 2%	*AA*	*Pre-design*	*0.0%*		*0.0%*	*0.0%*	0	
2% - 3%	*CB*	*Surveying*	*0.0%*		*0.0%*	*0.0%*	0	
.5% - 5%	*EA*	*Environmental*	*0.0%*		*0.0%*	*0.0%*	0	
2 - $6,000		*Geotech Consultant*	*0.0%*		*0.0%*	*0.0%*	0	
0% - 1%		*Potholes*	*0.0%*		*0.0%*	*0.0%*	0	
0% - 1%	*DA*	*Real Property Administration*	*0.0%*		*0.0%*	*0.0%*	0	
varies		*ROW (Property Cost)*	*0.0%*		*0.0%*	*0.0%*	0	
2% - 4%	*CI*	*Drafting*	*0.0%*		*0.0%*	*0.0%*	0	
4% - 6%	*CF*	*Design*	*0.5%*		*0.0%*	*-100.0%*	2,789	
varies		*Design Consultants (all disciplines)*	*0.0%*		*0.0%*	*0.0%*	0	
2% - 4%	*PM*	*Project Management*	*1.0%*		*0.0%*	*-100.0%*	5,578	
.5% - 1%	*FE*	*Contract Admin*	*0.5%*		*0.0%*	*-100.0%*	2,789	
varies		*Other*	*0.0%*		*0.0%*	*0.0%*	0	
varies		*Other*	*0.0%*		*0.0%*	*0.0%*	0	
		subtotal - engineering related costs	*3.2%*		*0.0%*	*-100.0%*	11,155	0
1% - 3%	*FL*	*Engineering Construction Support*	*1.0%*		*0.0%*	*-100.0%*	5,578	
.5% - 1.5%	*FC*	*Constrution Staking*	*0.0%*		*0.0%*	*0.0%*	0	
3% - 8%	*FD*	*Construction Inspection*	*5.0%*		*0.0%*	*-100.0%*	27,888	
1% - 3%	*FA*	*Construction Administration*	*0.0%*		*0.0%*	*0.0%*	0	
varies		*Const Consult (soils/mat test, CM)*	*0.0%*		*0.0%*	*0.0%*	0	
4% - 10%		*Construction Contingency/C.O.s*	*10.0%*		*0.0%*	*-100.0%*	55,775	
) related costs		*subtotal - after bid costs*	*16.0%*		*0.0%*	*-100.0%*	89,240	0
		Design Costs (for Comparison) % =des/bid	*0.5%*		*0.0%*	*-100.0%*	*2,789*	*0*
		Construction Cost (for Comparison) % =bid amount						*354,000*
		Delivery Costs (Below Est) % = deliv/tot const	*7.3%*		*0.0%*	*-100.0%*	*44,620*	*0*
		Total Construction Cost (Bid + COs)					*613,525*	*354,000*
Bid	***36.5%***	***(above Estimate)***			***OTAL PROJECT COST***	-32.7%	**658,145**	**443,240**

Item no.	Description	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL	Bid per unit	BID TOTAL
		Techno Coatings 2		Redwood Painting Co. 3		Robison-Prezioso 4		Certified Coatings 5		River City Painting 6	
1	Coating the Reservoir Interior	436660.00	436660.00	518000.00	518000.00	561400.00	561400.00	559400.00	559400.00	611100.00	611100.00
2	Alternative Bid Items										
2A	1/4-Inch Fillet Welds	45.00	1125.00	200.00	5000.00	55.00	1375.00	220.00	5500.00	100.00	2500.00
2B	Puddle Welds	20.00	400.00	200.00	4000.00	40.00	800.00	200.00	4000.00	150.00	3000.00
			438185.00		527000.00		563575.00		568900.00		616600.00
			23.78%		48.87%		59.20%		60.71%		74.18%

no.	Description	AVERAGE UNIT	AVERAGE TOTAL	LEAST UNIT	HIGHEST UNIT	MEDIAN
1	Coating the Reservoir Interior	506426.67	506426.67	352000.00	611100.00	538700.00
2	Alternative Bid Items					
2A	1/4-Inch Fillet Welds	111.33	2783.33	45.00	220.00	77.50
2B	Puddle Welds	108.33	2166.67	20.00	200.00	95.00
			511376.67			
			44.46%	(157,377)		