

**COST ESTIMATE PER TASK**

FIRM: R&M Consultants, Inc.			PROJECT TITLE: Valdez Municipal Harbor Facilities						
TASK 17	TASK DESCRIPTION: Revised Bid Package & Coordination thru March 2017					DATE: 12/12/2016			
SUB-TASK NO	SUB-TASK DESCRIPTION	LABOR HOURS PER JOB CLASSIFICATION							SUB-TASK TOTALS
		Principal /Sr. Structural Engineer	Project Mngr./Sr.Engr.	Sr. Waterfront Engr.	Project Waterfront/ Civil Engineer	Staff Civil Engineer/ Drafting	Geotechnical Engineer	Environ-mental Lead	
		Anderson	Nielsen/ Porter	Daley	Lewis	Hewitt/ Pugatch /Cumlat	Pintner	McLean	
	Combined Bid Package								\$93,932.38
	Drafting and QC to combine drawings in ACAD		24	24	40	80			
	Incorporate PH 1 as-built information		2		24				
	Combine/Re-organize specs (CSI/COV)	8	8	16	40	40			
	Remove Lramp, WDP, RestRm, FishSta & LA: coord. revised grading, stabilization, paving, curbing, pedestrian access,	8	24	8	24	40			
	Move HM Warehouse and Bilge Building for Tformers	8	4		20	24			
	Redesign water sysyem to UG/in-water, ADEC permit revs		8	4	30	40			
	West & DD Basin Rock Surface, Drawings, & Specs		8		20	40	4		
	Update Cost Estimates		8	8	8				
	Bid Support								\$24,192.67
	pre-bid site visit		12						
	Technical questions, Addendums (4ea)	4	24	16	24	40	4		
	Project Coordination (Jan 2017 through March 2017)								\$36,783.60
	Exec Comm Meetings/Prep (2 hrs, Bi-Weekly)		12	6					
	Meeting Action Items		24	12	48	48			
	Revise USACE RFP (don't drege in NW corner, N slope)		4		16				
	State Fire Marshall Coordination Assist.	4	4		16				
	interpretive panels (see corvus)		2						
<b>TOTAL LABOR HOURS</b>		32	168	94	310	352	8	0	
<b>* LABOR RATES (\$/HR)</b>		\$208.05	\$193.80	\$176.70	\$143.93	\$91.20	\$171.00	\$131.10	
<b>LABOR COSTS (\$)</b>		\$6,658	\$32,558	\$16,610	\$44,618	\$32,102	\$1,368	\$0	
						<b>COMMENTS:</b> -W rock removal assumes receipt of USACE survey by early Dec. -Does not include fixing Uplands Facilities package to show only remaining facilities (WDP, RRs, etc.) -Does not include preparing separate package for Launch Ramp. -Does not include construction support services. -Assumes Arcadis is preparing supplemental coditions, managing bid process, preparing addendums, etc. R&M effort limited to answering technical questions. -Assumes all work complete by March 2017, after which an increase in labor rates commenserate with employee wage increases will apply.			
<b>SUB-TASK</b>	<b>ITEM(S)</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>					
	RT ANC to VDZ	1	\$310.00	\$310.00					
	Meals	2	\$60.00	\$120.00					
	Lodging	1	\$172.88	\$172.88					
		0	\$0.00	\$0.00					
		0	\$0.00	\$0.00					
		0	\$0.00	\$0.00					
<b>TOTAL EXPENSES:</b>				<b>\$603</b>					
<b>SUB-CONTRACTORS: Firm Initials and Price Per Task</b>						<b>FIRM'S LABOR: \$133,914</b>			
						<b>FIRM'S TOTAL EXPENSES Plus 5% Mark-Up: \$633</b>			
						<b>TOTAL SUBCONTRACTOR Plus 10% Mark-Up: \$20,361</b>			
<b>FIRM:</b>		<b>RSA</b>	<b>Corvus</b>	<b>TOTAL SUB</b>					
<b>UNT:</b>		\$8,240	\$10,270	\$18,510	<b>TOTAL: \$154,908</b>				