

December 23, 2015

Bob Jean
City of Valdez
212 Chenega Ave.
Valdez, AK 99686

RE: New Valdez Small Boat Harbor Amendment 4 – Project Management Services (Jan 1, 2016 - Dec 31, 2016)

Dear Mr. Jean,

We have enjoyed working with the City of Valdez and the project team on the planning, design and management of the New Valdez Small Boat Harbor Development project. Our current contract funding for project management services expires December 31, 2015. The following scope of work and fee proposal is for continued project management services of the Phase 1 – Uplands Construction (Substantial Completion October 14, 2016) and the management of design, bid/award and construction of subsequent phases to include the Phase 2 Floats, Drive-Down Ramp, Fish Cleaning Station, and Upland Facilities Components. Work efforts will also include managing and/or helping coordinate other contracts including the fueling facility and electric and telecom utility installation.

Scope of Work. Arcadis will perform the following project management tasks:

- Continue working with the City, R&M and other stakeholders to refine the layout and obtain consensus on design elements for the new harbor and manage integration of upland build out concepts into the existing contracts
- Continue to serve as Owner's liaison and coordinate with all City departments, public utilities, City contractors, USACE, Western Marine, SERVS, canneries, grant agencies and other stakeholders
- Continue to facilitate all project coordination meetings and special issue meetings with the City and R&M
- Continue to monitor the scope and manage the project budget and schedule
- Continue to brief the Executive Committee, Ports & Harbor Commission and City Council as needed
- Manage the RFP/ proposal and bid/award for multiple construction packages: Phase 2 Floats, Uplands Facilities, Drive-down Float, In-water Rock Removal, Launch Ramps and Fuel Facility
- Manage R&M design phase, construction phase and special services through 2016
- Chair pre-construction, re-start construction, weekly construction coordination and special meetings
- Review contractor's plans for use of City property, traffic control, blasting, working in public ROW, etc.
- Provide full-time on-site management and oversight of construction and third-party inspection services
- Prepare weekly construction progress photo reports and monthly project status reports
- Review all applications for payment and provide recommendations for payment to the Owner
- Monitor submittal/shop drawing and RFI activities
- Administer the RFP, Proposal and CO process; prepare and review cost estimates
- Coordinate site access and laydown with concurrent construction contracts

- Administer the Punchlist and corrective work activities
- Oversee commissioning, project closeout requirements and final accounting

Our marine engineer team member and subcontractor, PND Engineers, will provide the following tasks as needed:

- Peer review for Drive-down ramp/float design, launch ramp, other marine related elements and VE proposals
- Review contractor's plans for blasting, in-water rock removal, pile driving
- Backup construction inspection support for Arcadis construction manager (Ron)
- Pile driving inspection support

Schedule. This amendment will extend our contract duration through December 31, 2016. We envision our contract will need to be amended for services in 2017.

Proposed Cost. ARCADIS is proposing a Time and Materials (T&M) allowance with a not-to-exceed value of \$616,691. This T&M contract approach allows the City the opportunity to request optional services within the contract value. Attached is a detailed breakdown of labor and expenses.

Assumptions.

- The City's design engineer, R&M Consultants Inc., will continue to provide design and bid phase services for project components and construction phase services including review, comment and/or approval of submittals and as-built surveys, RFIs, CO Proposals and RFPs; conduct periodic site visits and inspections and substantial completion inspections; participate in project and construction coordination; and provide technical advice as needed.
- EMC Engineering, LLC will continue to provide inspection, material sampling, lab testing and other services directed by the Owner's on-site manager to support construction of the Phase 1 Uplands – Civil work.
- Uncertainty remains on some tasks related to timing of the USACE permits that allow in-water rock removal and the USACE schedule for the dredging and breakwater work. Although there is expectation that the permits should be available in March 2016, the time and performance of in-water work will be affected by Phase 1 Uplands Civil work by Harris Sand & Gravel and/or the dredging and breakwater construction activities of the USACE contractor, Western Marine.

We welcome an opportunity to discuss this proposal scope with you further. If there is additional information we can provide, please contact me at 907.343.3013 or roe.sturgulewski@arcadis.com.

Sincerely,



Roe Sturgulewski
Alaska Operations Leader

Fee Proposal for New Valdez Small Boat Harbor Amendment #4 – Project Management Services (Jan 1 - Dec 31, 2016)

| Project Team Member | 2016 | | | | | | | | | | | | Total | Hourly Rate | TOTAL |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------------|
| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | | | |
| Roe Sturgulewski, Project Exec, Design Phase Lead | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 216 | \$196 | \$42,271 |
| Ron Rozak, PE, Construction Manager | 160 | 120 | 140 | 160 | 160 | 180 | 180 | 180 | 180 | 180 | 140 | 140 | 1920 | \$160 | \$306,528 |
| Mark Griffin, AICP, Project Manager | 20 | 10 | | | | | | | | | | | 30 | \$174 | \$5,222 |
| Cheryl Stewart, Change Management Plan | 10 | | | | | | | | | | | | 10 | \$160 | \$1,597 |
| Cynthia Oistad, Public Involvement and Graphics | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 36 | \$131 | \$4,709 |
| Joyce Kuhn, Project Assistant/Document Control | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 1760 | \$88 | \$154,088 |
| Allison Murrell, Administrative Support | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 120 | \$78 | \$9,394 |
| Total Labor Hours | 281 | 221 | 231 | 251 | 251 | 271 | 271 | 271 | 271 | 271 | 231 | 231 | 3972 | | \$523,809 |

| Expenses | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|--|--|-----------------|
| Lodging Rental (Ron Rozak) | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | | | \$21,600 |
| Airfare, Hotel, Meals (est. \$600 per trip) | 600 | 600 | | 600 | | 600 | 600 | | 600 | 600 | 600 | | | | \$4,800 |
| Mileage for Car Travel (.575/mile) | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | 380 | | | | \$4,180 |
| Misc. printing, bid advertising and office expenses | 200 | 200 | 1300 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | | | \$3,500 |
| 6% markup on expenses | | | | | | | | | | | | | | | \$2,045 |
| Subtotal Expenses | | | | | | | | | | | | | | | \$36,125 |

| Subcontractor - PND Engineers | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| Technical Inspection/Review Services and Expenses (see 12/23/2015 PND Proposal) | | | | | | | | | | | | | | | \$44,545 |
| PND pile driving and inspection (Dec. 23, 2015 - Dec. 31, 2015) | | | | | | | | | | | | | | | \$9,000 |
| 6% markup on Subcontractor | | | | | | | | | | | | | | | \$3,213 |
| Subtotal Expenses | | | | | | | | | | | | | | | \$56,758 |

| | |
|-------------------|------------------|
| TOTAL COST | \$616,691 |
|-------------------|------------------|

FEE PROPOSAL



PROJECT TITLE: Valdez Small Boat Harbor Construction Administration
Task: Phase 1 Uplands Construction Administration Services
CLIENT: Arcadis
PND PROJECT NUMBER: 141117

12/23/2015

Prepared by: DTK

LABOR:

| Task | Task (Scope of Services) | Project Manager Principal \$180.00 | Senior Engineer VI \$160.00 | Senior Engineer III \$135.00 | Environ. Scientist \$120.00 | Staff Engineer IV \$100.00 | Tech. VI \$125.00 | Senior Land Surveyor \$125.00 | Land Surveyor I \$110.00 | Total Hours | Labor Cost |
|---|--|---------------------------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|----------------------|----------------------------------|-----------------------------|-------------|------------|
| 1.0 Technical Inspection/Review Services | | | | | | | | | | | |
| 1.1 | Contractor Work Plan Reviews - Blasting, Pile Driving, In-Water Rock Removal | 1 | | 16 | | | | | | 17 | \$2,340 |
| 1.2 | Drivedown Ramp Plan Review | 1 | | 16 | | | | | | | \$2,340 |
| 1.3 | Review VE proposals | 1 | | 16 | | | | | | 17 | \$2,340 |
| 1.4 | Dredging/Breakwater Activities-Schedule Review | 2 | | 24 | | | | | | 26 | \$3,600 |
| 1.5 | Special Constr. Inspection mob/demob | | | | | | 6 | | | 6 | \$750 |
| 1.6 | Special Constr. Inspection (pile driving, welding, in-water blasting/rock removal) | | | | | | 180 | | | 180 | \$22,500 |
| 1.7 | Construction Inspection Office Support | 4 | | 16 | | | | | | 20 | \$2,880 |
| 1.8 | | | | | | | | | | 0 | \$0 |
| 1.9 | | | | | | | | | | 0 | \$0 |
| 1.1 | | | | | | | | | | 0 | \$0 |
| 1.11 | | | | | | | | | | 0 | \$0 |
| 1.12 | | | | | | | | | | 0 | \$0 |
| 1.13 | | | | | | | | | | 0 | \$0 |
| 1.14 | | | | | | | | | | 0 | \$0 |
| 1.15 | | | | | | | | | | 0 | \$0 |
| | | 9 | 0 | 88 | 0 | 0 | 186 | 0 | 0 | 266 | \$36,750 |

EXPENSES:

| Item | Units | Quantity | Unit Cost | Subtotal | Expenses per Unit | Markup per unit 10% | Total Cost |
|---------------------------|---------|----------|-----------|----------|-------------------|---------------------|------------|
| a Airfare | EA (RT) | 3 | 490 | 1470 | \$0.00 | \$147.00 | \$1,617 |
| b Per-diem (Room & Board) | Day | 24 | 125 | 3000 | \$0.00 | \$300.00 | \$3,300 |
| c Vehicle | Day | 24 | 109 | 2616 | \$0.00 | \$261.60 | \$2,878 |

Total Expenses: \$7,795

Task Total: \$44,545

NOTES:

- 1 No travel is anticipated for review related tasks.
- 2
- 3