

403 -- TOFC Yard Phase I Construction

TASK ORDER 403 STATEMENT OF WORK TOFC Yard Phase I Construction

BACKGROUND.

The ability of the Port of Anchorage (POA) to provide good road and rail access for the various marine terminals is an important key in improving the overall operational efficiency of the cargo transfer process. Rail connection and cargo transfer operations at the marine terminals are critical for intermodal rail cargoes handled at the Port. This is especially important for military access and operations.

To this end, the POA desires, as part of the overall Port Expansion Program, the development and construction of a Road and Rail Expansion to include an area for loading, unloading and staging Trailers on Flat Cars (TOFC Yard).

This Task addresses Phase 1 design-build and construction activities associated with the development of the TOFC Yard. Note that the overall Road and Rail Expansion presently is planned to occur in a series of phases. The first phase, which is addressed in this Task Order is for the construction of a two track system, modification of existing roadway segments and preliminary TOFC yard development activities (such as paving of selected areas, lighting of selected areas, etc). Future phases, not addressed in this Task Order, will include relocation of the existing perimeter road system, final TOFC yard development, completion of a third track, development of TOFC yard operational systems and utilities, and extension of both the road and rail systems into new barge area in the proposed Dock Expansion.

OBJECTIVES.

The objectives of this Task Order are to complete the initial phase of the Road and Rail Expansion Project for the Port of Anchorage. This initial phase includes:

- * Project limit security fencing
- * Tree clearing, excavation and removal of existing bluff, construction of retaining walls and embankment protection
- * Construction of two rail lines into the proposed TOFC yard.
- * Improvements to the road in selected areas.
- * Yard development in selected areas.

Future phases of the Road and Rail Expansion Project are not included in this Task Order.

CONTRACT LINE ITEMS.**CLIN 0001 -- Project Management**

Contractor (ICRC) will provide the Project Management support

necessary for the completion of this task order. Those activities will include, but are not limited to:

* Preparation of a Project Quality Management Plan. Contractor will prepare a plan defining the quality objectives, quality control steps and quality assurance procedures for the proposed Task Order. That information will include inspection and testing requirements, performance standards evaluation procedures, inspection schedules, reporting requirements, documentation and document management requirements and similar information.

* Preparation of a Project Health and Safety Plan. Contractor will prepare a Health and Safety Plan to direct construction activities, and will perform periodic observations during those activities to determine compliance with that plan and with general safety procedures.

* Meetings. Contract will conduct a variety of meeting with selected contractors, with the Port and with other stakeholders during the course of the project. Those meeting may include, but are not limited to:

- Planning and directional meetings
- Project and Port status meetings
- Safety meetings
- Public outreach meetings
- ARRC and military working group meetings

* Documentation. Contractor will prepare, scan, post and file appropriate documentation, as defined in the Quality Management Plan.

* General Project Oversight. Contractor will track budget and schedule progress, schedule and budget variations, project needs, required corrective measures and similar information necessary for the successful completion of the project.

SubCLIN 0001.AA -- Project Management

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0002 -- Tree Clearing

Contractor (ICRC) will procure and oversee tree clearing services to prepare for earthwork construction. The specific purpose of this CLIN is to clear designated trees and brush from the slope of the bluff located between the Port of Anchorage operational areas and adjacent military reserves. Total acreage of clearing is approximately 14 acres on steeply sloped terrain with limited access. Site access shall be from the Port of Anchorage property unless otherwise approved in advance by ICRC and in accordance with pre-lease documents and rights-of-entry provided by the Port.

Final ground disturbance and erosion controls are not included in this CLIN in accordance with permit and pre-lease requirements. Those activities will occur in other CLINs associated with this task order as the Port continues with lease negotiations.

ICRC will designate the limits of work and all trees, shrubs, plants and other things to remain on the property. Scope of work will preserve established survey stakes, boundary markers, bench marks, and tie points until such time as their usefulness has ceased and ICRC gives permission for their destruction. Contractor will be directed to clear, cut, and chip all vegetation, downed timber, and remove debris within designated areas of the project limits, preserving from injury or defacement all vegetation and objects designated to remain without disturbance to the vegetative mat.

Trees will be felled to the center of the area to be cleared, in order to minimize damage to the trees that are to be left standing. Trees will be removed that unavoidably fall outside the specified limits. Trees and brush will be cut to a height of not more than six (6) inches above the surrounding ground. Contractor will grind vegetative debris with a mechanical chipper and place the chips back onto the slope. All merchantable timber in the clearing area at the beginning of construction becomes the property of the contractor for removal and disposal.

ICRC has obtained FONSI in accordance with NEPA guidelines. ICRC understands that the Municipality of Anchorage does not have permit jurisdiction of the military parcel in the pre-lease stage, and does not typically issue clearing and grading permits for right-of-way clearing projects. Clearing and grading permits will not apply to this CLIN; all other permits required by local, State, and Federal rules and regulations do apply and will be required of the clearing contractor.

SubCLIN 0002.AA -- Tree Clearing

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0003 -- Project Perimeter Fencing

Contractor (ICRC) will procure and oversee fencing services for Phase 1 of the Road and Rail expansion on the proposed lease boundaries. All work will adhere to pre-lease conditions imposed upon the Port by legal property owners.

The fencing contractor will install fencing along lease boundary between the Port of Anchorage and adjacent military properties as required and in accordance with Department of Defense or Homeland Security requirements, whichever is more stringent.

Work includes providing all labor, equipment, and materials to remove existing substandard fence, relocate some portions of existing fence, and constructing additional fence to secure the Port easternmost perimeter. The fencing contractor will provide double-gate vehicular access at north and south evacuation routes and a single gate for vehicular access to the Elmendorf Ditch weir. Eight-foot chain link fence fabric topped with three-strand barbed or concertina wire may be required. Posts will be either drilled to approved depth or embedded in concrete as dictated by local site conditions.

The fence line will be staked, flagged, or other wise delineated, prior to the start of work by ICRC forces.

ICRC has obtained FONSI in accordance with NEPA. The fencing contractor shall obtain all other permits as required by local, State, or Federal regulations resulting from ground disturbance.

SubCLIN 0003.AA -- Project Perimeter Fencing

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0004 -- Clearing and Earthwork Design-Build Services

Upon the Port's receipt of final lease documents, ICRC will procure and oversee final design engineering services combined with overall construction services of a "Phase 1 TOFC Yard Project" as a portion of the Road and Rail Expansion Project. The delivery method will be managed as one design-build package for major site clearing, all earthwork, embankment support, and subgrade improvements up to but not including final ballast placement (see CLIN 0006). The final design effort will incorporate previously selected engineering requirements and will also include biddable track and lighting projects not included in this CLIN.

The design-build contractor will be responsible for all permits, including but not limited to ADEC approved Stormwater Pollution Prevention Plan, Municipality of Anchorage and ADOT&PF Traffic Control Plans, and clearing/grading permits.

SubCLIN 0004.AA -- Clearing and Earthwork Design-Build Services

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0005 -- Track Materials Acquisition

Contractor (ICRC) will procure general track construction materials requiring advance purchase to meet the overall schedule. Following final design (CLIN 0004) and as part of the track construction services identified in CLIN 0006, the track contractor will be required to review pre-purchased materials list, compare that list to the final design

drawings and specifications, and provide any additional required materials as part of CLIN 0006.

For this task order proposal, the assumed materials list and quantities to be provided by ICRC under this CLIN are identified in the attached task order budget.

SubCLIN 0005.AA -- Track Materials Acquisition

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0006 -- Track Construction

Contractor (ICRC) will procure and oversee final specialty track construction services, including final ballast placement, ties, and rail assembly over previously prepared subgrade. Demolition of approximately 1,000 lineal feet of existing track located within Tract 9A will also be completed upon activation of new TOFC track. Demolition will include removal of one turnout and switch components on the mainline. Track construction will include all railroad flagging and activation in accordance with State and Federal requirements.

The design effort and final engineer's estimate will be completed for these tasks under CLIN 0004.

SubCLIN 0006.AA -- Track Construction

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0007 -- Preliminary Yard Development

Contractor (ICRC) will procure and oversee construction services to complete interim surfacing and preliminary overhead lighting requirements following track finish work.

The design effort and final engineer's estimate will be completed for these tasks under CLIN 0004.

SubCLIN 0007.AA -- Preliminary Yard Development

This CLIN has a single sub-CLIN. See the CLIN description above.

CLIN 0008 -- Construction Management and Inspection Services

Contractor (ICRC) will procure and oversee qualified third-party inspection services as required by local code to oversee compliance with installation of all electrical components, to ensure proper subsurface compaction, to provide necessary structural inspections of mechanically stabilized earthen embankment structures, and proper track installation.

Contractor (ICRC) will also procure construction management services through the various stages of construction to include adequate quality assurance, approved documentation, preparation of as-builts, and day-

to-day guidance of approved means and methods in the field.

Degree of services needed will be refined upon completion of final design, contractor selection, and determination of means and methods.

SubCLIN 0008.AA -- Construction Management and Inspection Services

This CLIN has a single sub-CLIN. See the CLIN description above.

MILESTONES.

#	Priority	CLIN	Due	Qty	Delivery Method
1	Standard	0001	7/16/2004	0	electronic
	<u>Activity</u>				<u>Deliverable</u>
	Notice to Proceed				N/A
2	Standard	0002	8/16/2004	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Right-of-Way Clearing				N/A
3	Standard	0001	9/15/2004	0	electronic
	<u>Activity</u>				<u>Deliverable</u>
	N/A				Project Quality Management Plan
4	Standard	0001	9/15/2004	0	electronic
	<u>Activity</u>				<u>Deliverable</u>
	N/A				Project Safety Plan
5	Standard	0003	9/15/2004	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Perimeter Fencing				N/A
6	Standard	0006	1/31/2005	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Track Materials Acquisition				N/A
#	Priority	CLIN	Due	Qty	Delivery Method

7	Standard	0005	4/29/2005	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Clearing and Earthwork				N/A

#	Priority	CLIN	Due	Qty	Delivery Method
8	Standard	0007	9/15/2005	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Track Construction				N/A

#	Priority	CLIN	Due	Qty	Delivery Method
9	Standard	0001	10/31/2005	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	Completion of Preliminary Yard Development				N/A

#	Priority	CLIN	Due	Qty	Delivery Method
10	Standard	0001	12/31/2005	0	N/A
	<u>Activity</u>				<u>Deliverable</u>
	End of Period of Performance				N/A

FINANCIAL.

Title	Rate	Hours	Cost
Principle In Charge	\$62.50	0.00	\$0.00
Program Manager	\$43.27	0.00	\$0.00
Scheduler	\$31.25	0.00	\$0.00
Budget Specialist	\$21.63	0.00	\$0.00
Web System Specialist	\$26.44	0.00	\$0.00
Cost Estimator	\$21.63	0.00	\$0.00
Claims Administrator	\$21.63	0.00	\$0.00
Contract & Sub K. Administrator	\$26.44	0.00	\$0.00
Procurement Specialist	\$36.06	0.00	\$0.00
Discipline Manager	\$52.88	0.00	\$0.00
Senior Scientist	\$43.27	0.00	\$0.00
Project Scientist	\$33.65	0.00	\$0.00
Jr. Scientist	\$21.63	0.00	\$0.00
Sr. Technical Specialist	\$26.44	0.00	\$0.00
Project Technical Specialist	\$19.23	0.00	\$0.00
Jr. Technical Specialist	\$13.22	0.00	\$0.00
Sr. Health & Safety Specialist	\$38.46	160.00	\$6,153.60

Project Health & Safety Spec.	\$31.25	0.00	\$0.00
Jr. Health & Safety Specialist	\$21.63	0.00	\$0.00
Sr. Engineer	\$43.27	120.00	\$5,192.40
Project Engineer	\$33.65	0.00	\$0.00
Jr. Engineer	\$21.63	0.00	\$0.00
Sr. Architect	\$0.00	0.00	\$0.00
Project Architect	\$0.00	0.00	\$0.00
Jr. Architect	\$0.00	0.00	\$0.00
Sr. Engineering Technician	\$26.44	0.00	\$0.00
Project Engineering Technician	\$19.23	0.00	\$0.00
Jr. Engineering Technician	\$13.22	0.00	\$0.00
Sr. Construction Manager	\$33.65	1,300.00	\$43,745.00
Jr. Construction Manager	\$19.23	0.00	\$0.00
Sr. Construction Inspector	\$33.65	0.00	\$0.00
Jr. Construction Inspector	\$19.23	650.00	\$12,499.50
Sr. Technician	\$26.44	0.00	\$0.00
Project Technician	\$19.23	0.00	\$0.00
Jr. Technician	\$13.22	0.00	\$0.00
Sr. CADD Operator	\$33.65	160.00	\$5,384.00
Jr. CADD Operator	\$19.23	160.00	\$3,076.80
Sr. Print Graphics Specialist	\$26.44	0.00	\$0.00
Jr. Print Graphics Specialist	\$19.23	0.00	\$0.00
Sr. GIS Specialist	\$28.85	0.00	\$0.00
Project GIS Specialist	\$19.23	0.00	\$0.00
Jr. GIS Specialist	\$14.42	0.00	\$0.00
Administrative Records Specialist	\$26.44	160.00	\$4,230.40
Sr. Clerical	\$21.63	0.00	\$0.00
Jr. Clerical	\$16.83	160.00	\$2,692.80

Labor Totals		2,870.00	\$82,974.50
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	BASE	RATE	TOTAL
OVERHEAD	\$82,974.50	98.4%	\$81,646.91
G&A	\$164,621.41	23%	\$37,862.92
PRECONTRACT PROFIT 0 %	\$0.00	10%	\$0.00
CONTRACT PROFIT 100 %	\$202,484.33	7%	\$14,173.90
OTHER DIRECT COSTS			
ODC Total	\$2,670.00		
G&A	\$2,670.00	23%	\$614.10
PRECONTRACT PROFIT 0 %	\$0.00	10%	\$0.00
CONTRACT PROFIT 100 %	\$3,284.10	5%	\$164.21

Materials & SubContracts

MATSUB Total	\$11,310,890.75		
M&H	\$11,310,890.75	3.95%	\$446,780.20
PRECONTRACT PROFIT 0 %	\$0.00	10%	\$0.00
CONTRACT PROFIT 100 %	\$11,757,670.95	5%	\$587,883.54
Task Order Total			\$12,565,661.03

APPLICABLE DOCUMENTS.

<u>Document</u>	<u>Description</u>	<u>Date</u>
Engineers Cost Estimate.xls	ICRC Engineer~sq~s Cost Estimate	6/4/2004 20:07
PTO 403 WJS approval memo.PDF	Gov. Sheffield~sq~s Approval	6/8/2004 21:26
Remarks from Web Page.doc		6/8/2004 21:47
403 Budget Template - Revision 1 7-14-04.xls	Revised budget based on Cultural Resource Issue	7/14/2004 12:08
Review Comment Actions and Responses for Web Page.doc	Response to CRT Comments	7/14/2004 12:09

Upload Remarks

1. The proposed sub-contract cost for tree clearing is based upon a competitive solicitation performed under procedures in the Purchasing Manual. Six solicitation packages were received. Two bids were submitted. The cost is based on the low bid. 2. Construction Management and Inspection sub-contract costs were based on a standard industry estimate of 5% of construction and materials subcontract costs. Actual services will be procured on a competitive basis, utilizing procedures in the Program Purchasing Manual. 3. All other materials and sub-contract costs are based upon the ICRC Engineer's Cost Estimate. That cost estimate is attached. Actual services and materials will be procured on a competitive basis, utilizing procedures in the Program Purchasing Manual. 4. The Task Order assumes that vehicles will be provided under a separate Task Order, and no vehicle costs are associated with this T.O. Should vehicles not be procured under a separate Task Order, this Task Order will be modified to include such costs. Comments in response to CRT Review. 1. File documenting responses and actions in response to comments from the CRT has been

uploaded. Noted changes to the PTO have been made. 2. The budget has been revised to reflect the new actual cost for tree clearing. The revision was made to allow temporary retention of larger trees for the documentation of cultural resource significance prior to removal. This requirement dictated the removal contract had to make 2 passes with equipment instead of 1. ICRC also has added the removal of an old fence identified at the site through the clearing process to the scope of that contractor.