CBJ DOCKS & HARBORS BOARD
CIP / PLANNING COMMITTEE MEETING AGENDA
For Thursday, July 22, 2010

I. Call to Order (5:00 pm in **ASSEMBLY CHAMBERS**).

II. Roll Call (Williams, Kueffner, Preston, Wostmann, Donek).

III. Approval of Agenda.

MOTION: TO APPROVE THE AGENDA AS PRESENTED OR AMENDED.

IV. Public Participation on Non-Agenda Items.
(not to exceed five minutes per person or twenty minutes total time).

V. Approval of Previous Meetings Minutes.

MOTION: TO APPROVE THE MAY 20, 2010 CIP/PLANNING COMMITTEE MEETING MINUTES AS PRESENTED OR AMENDED.

VI. Items for Action.

1. Contract Approval for Tinnea and Associates to Perform Cathodic Protection and Timber Pile Inspection of Steamship Wharf in the Amount of $133,490.
   Presentation by Port Engineer

   Public Discussion

   MOTION: TO RECOMMEND THAT THE BOARD APPROVE A CONTRACT IN THE AMOUNT OF $133,490 TO TINNEA AND ASSOCIATES TO PERFORM CATHODIC PROTECTION AND TIMBER INSPECTION OF THE STEAMSHIP WHARF AREA.

   Committee Discussion/Action

2. Contract Amendment for JYL, Inc for Construction Administration and Inspection Services for the Port Customs and Visitor Center Project.
   Presentation by Port Engineer

   Public Discussion

MOTION: TO RECOMMEND THAT THE BOARD MAKE A RECOMMENDATION TO THE ASSEMBLY TO APPROVE A CONTRACT AMENDMENT IN THE AMOUNT OF (Amount to be presented at meeting) TO JYL INC. FOR CONSTRUCTION ADMINISTRATION AND INSPECTION FOR THE PORT CUSTOMS AND VISITOR CENTER PROJECT.

Committee Discussion/Action

VII. Items for Information/Discussion.

1. Project Updates:
   A. Douglas Harbor Re-Build
   B. Cruise Terminal Staging Area Reconfiguration

VIII. Member & Staff Reports.

IX. Committee Administrative Matters.

Next Meeting: August 19, 2010

X. Adjournment.

MOTION: ASK UNANIMOUS CONSENT TO ADJOURN THE CIP/PLANNING COMMITTEE MEETING.

CBJ DOCKS & HARBORS BOARD
CIP/PLANNING COMMITTEE MEETING MINUTES
For Thursday, May 20, 2010

I. Call to Order.

Committee member Mr. Williams called the meeting to order at 5:00 p.m.

II. Roll.

The following members were present: Mr. Williams, Mr. Kueffner, Mr. Preston, Mr. Wostmann, and Mr. Donek.

Also in attendance were: Mr. Stone – Port Director and Mr. Gillette – Port Engineer.

III. Approval of Agenda.

MOTION by Mr. Kueffner: ASK UNANIMOUS CONSENT TO APROVE THE AGENDA AS PRESENTED. The motion passed without objection.

IV. Public Participation.

There was none at this time.

V. Approval of Previous Meeting Minutes.

MOTION by Mr. Donek: ASK UNANIMOUS CONSENT TO APPROVE THE PREVIOUS MINUTES OF April 22, 2010. The motion passed without objection.

VI. Items for Action.

1. Discussion and Direction Regarding Application for Municipal Harbors Matching Grant in the Amount of $2.9M for Statter Harbor Improvements.

Mr. Stone stated that the State of Alaska Department of Transportation has the municipal harbor matching grant application period open right now. We have applied for several of these. With regards to Statter Harbor what we are doing is putting in an application for the maximum amount of money that we have available for the match, which is a 50 % requirement. We have about 2.9 million dollars available for this match. It would ultimately be part of the total rebuild of this facility. It is Mr. Stone's recommendation that we submit an application to DOT and also ask the Assembly for a resolution of support that would be included with the application.

Further discussion took place among the committee members and Mr. Stone took place at this time.

MOTION by Mr. Wostmann: ASK UNANIMOUS CONSENT TO FORWARD THIS TO THE FULL BOARD TO SUBMIT AN APPLICATION FOR MUNICIPAL HARBORS MATCHING GRANT IN THE AMOUNT OF $2.9M FOR STATTER HARBOR IMPROVEMNENTS AND ASK THE CITY ASSEMBLY FOR A LETTER OF SUPPORT.

The motion passed without objection.

2. Discussion and Direction Regarding Application for Municipal Harbors Matching Grant in the Amount of $2M for Aurora Harbor Re-Build.

Mr. Stone stated that this is the same type of application but this one would be for Aurora Harbor and what we are doing is about 4 years ago the Assembly appropriated the half million dollars of passenger fees to rebuild the tug spot on A float in Aurora. Because it is hard to rebuild one stall we have been holding off hoping that someday we would have enough funds to rebuild basically all of A float all at one time. Over the past few years we have built up some reserves in our retained earnings and so what Mr. Stone is doing is taking one and a half million dollars of retained earnings plus the half of a million dollars in the marine passenger fees and calling this the local match and applying for as much as we can under the State Harbor Grant Program to start rebuilding Aurora. This would be about 20% of the funds for the rebuild. He went on to explain to the committee what was in our retained earnings and what is the amount required to be kept in it.

Further discussion among the committee members and Mr. Stone took place at this time.

MOTION by Mr. Wostmann: ASK UNANIMOUS CONSENT TO FORWARD THIS TO THE FULL BOARD THAT WE SUBMIT AN APPLICATION FOR MUNICIPAL HARBOR GRANT IN THE AMOUNT OF TWO MILLION DOLLARS. The motion passed with out objection.

3. Discussion and Direction Regarding the Acquisition of a Portion of Archipelago Property (South of Marine Park Parking Garage) for the Purpose of a Pedestrian Promenade Connection Between South Franklin and the Seawalk and to Develop a New USS Juneau Memorial.

Mr. Gillette stated that the project that is down by the tram, which is the visitor's center and port customs building, will remove the existing USS Juneau Memorial. Mr. Gillette described the current memorial and stated that this is a pretty minimal memorial for the status of the USS Juneau and over the years we have had comments that it was sort of a sad one. Since we are removing this it is nearly impossible to relocate the existing one because it is a poured in place concrete structure.

He stated it would be nice to develop something a little nicer and more fitting. So coincidently we are also looking at some options to work with the Archipelago property owners to obtain some of that property for widening of South Franklin Street and potential of other uses and meeting with them and seeing what their preliminary development plans were. It looks like it would be a nice fit to have the City obtain a little more easement through the property. We had Chris Mertl draw up some sketches and also met with Mr. Simpson, who represents the property owners. What Mr. Gillette would like to do for the committee this evening is to present this to them and see if it is something they would like to further pursue? He went over what amount of land we are looking at purchasing (See attached concepts).

Mr. Mertl went over more details regarding the area proposed for the USS Juneau Memorial.

Further discussion among the committee members and Mr. Mertl took place at this time.

Mr. Simpson, who is the representative of the property owners, clarified a few issues with the committee members at this time.

The general consensus of the committee members is to have staff bring this to the Full Board at Thursday nights meeting with a rough cost estimate and some suggestions on funding sources of the project.

VII. Items for Information/Discussion.

1. Project Updates:

A. Auke Bay Loading Facility II.

Mr. Gillette stated that the draft contract for the Tiger Grant was received a few days ago and they are going over it right now. Mr. Gillette said at this point we probably won't be getting a lot done this summer, but if we can get the contract under way we can get it designed and out to bid such that some of the components can be completed this fall/winter then finish up next spring.

B. Douglas Harbor Re-Build.

Mr. Stone stated that we are on hold at this point, there are four things going on. First, Mr. Stone is working with the DEC lobbyist to get a project submitted by congress in the next years waters resource development act that would direct the Corp to dredge the harbor and dispose of the sediments. Second, the Corp called Mr. Stone and said that they have $200,000.00 to study dredging of the harbor and this would be a ten year project. These are both long term solutions. Third, the State has started the consistency review on the permit, which is going to get interesting because the State is ready to move forward but the Federal permit is not ready to move forward. Mr. Stone stated on the Federal permit he has met with the EPA and they said that they want an ecological and human health risk assessment if we were to move forward with disposing of the lower composite in Gastineau Channel. Mr. Stone has not spoken to anyone on what it would take to do this as of yet.

Mr. Stone is also looking at some other shore based disposal options. They may pan out and they may not. He has been working with our engineer and DEC to find some low cost shore side area that we could fill fairly easily and maybe this would be okay.

Further discussion among the committee members and Mr. Stone took place at this time.

C. Statter Harbor EA.

Mr. Stone stated that the comment period closed Monday and they are assembling all the comments and will be meeting with the project team next Monday. He will bring all the data and the analysis back to this committee next month.

Further discussion took place at this time.

D. Cruise Ship Berth Enhancement.

Mr. Gillette stated that we are waiting on the Governor to make a decision and sign it. Once that happens we will move forward and get the Assembly to make their final decision of whether they are going for concept 16B project.

E. Port-Customs-Visitor Center.

Mr. Gillette stated we got through the PLA issue last week and at the Assembly meeting last night there was no testimony about it. We are moving forward on the new bid date which is June 10, 2010.

Further discussion took place at this.

F. Flex Engineer Position.

Mr. Stone explained to the committee that what they are thinking of doing is if we do the birth enhancement project we would like to hire an additional engineer. We already have a PCN created and have been holding it in a vacancy status. We would like to get someone up to speed on the projects and help with the workload. A flex engineer would allow us to basically hire an unregistered or registered person and can work up the rank through time.

B. Member & Staff Reports.

Mr. Stone stated that the Corps of Engineers is here tomorrow to do the newest latest study of a new breakwater out at Statter Harbor. This is a multi year project to look at the costs and benefits and if there is a Federal interest in this project.

Mr. Wostmann expressed his concerns at this time regarding the recent letters that we have received from the different agencies particularly the Statter Harbor EA.

More discussion among the committee members took place at this time.

IX. Committee Administrative Matters.

The next meeting is scheduled for June 17, 2010 at 5:00 pm in the City Chambers.

X. Adjournment.

MOTION by Mr. Donek: ASK UNANIMOUS CONSENT TO ADJOURN THE MEETING. The motion passed without objection.

The meeting was adjourned at 7:00 p.m.

CITY/BOROUGH OF JUNEAU
ALASKA'S CAPITAL CITY

City & Borough of Juneau • Docks & Harbors
155 S. Seward Street • Juneau, AK 99801
(907) 586-0292 Phone • (907) 586-0295 Fax

Port of Juneau
MEMORANDUM

To: Harbor Board CIP Committee
From: Gary Gillette, Port Engineer
Date: July 16, 2010
Re: Cathodic Protection Inspection

The Docks and Harbors Department and Engineering Department propose performance of a cathodic protection inspection of the Marine Park Parking Garage and the Steamship Wharf area. The joint effort will result in cost savings to the city due to decreased mobilization expenses.

Tinnea and Associates was selected to perform the services as a result of a Request for Proposal administered by the Engineering Department. The Engineering Department's area of interest is the Marine Park Parking Garage and its steel "H" pile construction. The area of interest of the Docks and Harbors Department are the sheet pile bulkhead and steel piling of Marine Park and the newer deck-over area. In addition, the wood piling of the Steamship Wharf will also be inspected.

The result of the work will be recommendations for the cathodic protection system, cost estimates, design, and construction documents ready for bidding the work. A copy of the Tinnea proposal is attached. After the report is received the Board can make decisions of when to perform the recommenced work. It may be cost beneficial to work with the Engineering Department on contracting the work at that time.

The Docks and Harbors portion of the Tinnea and Associates contract is $133,490.00. Although this is over $100,000 which would normally require Assembly approval, it has been determined by the CBJ Law Department that in this case that approval is not needed. The reasoning is that the contract is an Engineering Department contract that Docks and Harbors is merely providing some of the funds for its execution. The e-mail conversation between Engineering, Purchasing, and Law is included for reference.

Gary Gillette

From: Amy Mead
Sent: Thursday, July 01, 2010 10:52 AM
To: Amy Mead; Anne Stadnychenko; Rorie Watt; Gary Gillette; Steve Tada
Subject: RE: Cathodic Protection Contract

Yeah, that would be >$100,000

From: Amy Mead
Sent: Thursday, July 01, 2010 10:49 AM
To: Anne Stadnychenko; Rorie Watt; Gary Gillette; Steve Tada
Subject: RE: Cathodic Protection Contract

After speaking to Anne and Rorie and gaining a better understanding of the project, my opinion is that this <$100,000 payment from Harbors to Engineering need not go back to the Assembly.
Amy

From: Anne Stadnychenko
Sent: Thursday, July 01, 2010 9:57 AM
To: Rorie Watt; Amy Mead; Gary Gillette; Steve Tada
Subject: RE: Cathodic Protection Contract

I would agree with Rorie. Assuming Engineering followed standard procurement procedures for this pending contract, no assembly action is necessary if under $1,000,000 for CIP projects. That's because the assembly deemed that CIP projects get enough scrutiny during the pre solicitation phase through various assembly subcommittees (finance, PW & facilities). Thus, no need to "rubber stamp approve" a well reviewed project, which would only serve to cut into a short construction period (some history for Amy's benefit here).

One of Title 85' s intents (and there were many.....) was to ensure proper procurement procedures for projects over $100,000 were taken by Harbors. That intent has been satisfied by the Engineering dept. Rorie, how much scrutiny has this project gotten from subcommittees? Goes to support your argument.

Amy, I'd be happy to discuss with you if you'd like. Stop by or give a call.
Anne ext 0310.

From: Rorie Watt
Sent: Wednesday, June 30, 2010 3:41 PM
To: Amy Mead; Anne Stadnychenko; Gary Gillette; Steve Tada
Subject: Cathodic Protection Contract

All –

Here are the facts and details on the cathodic protection contract. The Marine Park Library & Parking Garage, cruise ship dock and portions of Marine Park all have steel foundations that need protection from corrosion, known as cathodic protection.

The Engineering Department initiated a professional services contract for inspections and design work, such work will include inspection of piling and protection systems by using boats and divers. This work is optimally done in the summer, during long days and calmer weather. Docks & Harbors has responsibility to maintain some of the facilities, Parks & Rec (Building Maintenance) manages others.

Time is of the essence here, the sooner this contract can be signed, the sooner the work can be done in optimal weather. Additionally, we will need to take the results of the inspection and have a bid package prepared so that construction can occur prior to next year's cruise ship season. We have a real financial interest in proceeding in an expedited manner.

In accordance with 53.50.005, Engineering Department initiates procurement under the Purchasing Officer, and Docks & Harbors does not. As such, Engineering Contracts do not go to the Assembly for approval unless they are greater than $1,000,000 (53.50.060 (e) 1). However, Docks & Harbors powers fall under 85.02.060 7 (c) which requires approval for "all contracts and purchases exceeding $100,000."

The purpose of title 85 is to provide check and balance on the semi-independent Docks & Harbors. Docks & Harbors share of the contract will be over $100,000. If it was a Docks & Harbors contract, it would therefore have to gain Assembly approval. However, this is an Engineering Dept contract that would be under the authority of the Purchasing Officer. The only D&H involvement would be to provide a funding source – an already established CIP.

Amy/Anne – Please weigh in on your opinions. What governs, the purchasing code, Harbor code or City Manager's discretion? Thanks.

SCOPE OF WORK

I. Task 100 – Mobilization

This includes elements now understood to be relevant to both the inspection and corrosion control design(s)

A. Review Existing Documents

This review includes both City/Borough of Juneau (CBJ)-provided information and in-house documents

1. *Drawings / 'As Builts'*

This includes, but is not limited to, drawings from:

- 1985 construction documents (CDs) for the Parking Garage/Library and Marine Park
- 1990 CDs for Steamship Wharf – deck
- 2002 CDs for the Marine Park/Steamship Wharf improvements

2. *Previous Reports*

This includes inspection reports and other relevant documents

3. *Prepare Take-offs*

This includes, but is not limited to:

- Tabulate piling:
  - Enumerate by type, size, and coating systems
- Tabulate cathodic protection (CP) systems
  - By piling they were designed to protect
  - Added piling not included in CP designs
  - Previous performance data

B. Coordinate with Other Disciplines

Since Tinnea & Associates, LLC (TAllc) is the prime, we shall have ultimate responsibility for coordination for our team.

1. *Structural – PND Engineers, Inc.*

PND will provide a structural engineering report(s) based upon the findings from the inspection.

2. *Diving – Echelon Engineering, Inc.*
Echelon (EEI) will provide underwater inspection of the elements not readily inspected from shore or a boat.

C. Inspection Mobilization

A successful inspection of marine structures in Alaskan waters depends upon thorough planning. EEI's underwater inspection will run concurrently with the TAllc corrosion inspection. PND will make inspection site visits as necessary.

1. *Schedule*
The schedule breaks into two distinct parts. The macro schedule will be the dates the inspectors will be in Juneau. The micro schedule will be developed from the macro dates in response to vessel schedule, which may generate access closures, and tide elevation, which may in certain areas either facilitate or impede arm's length inspection.

a) Set inspection dates

b) Purchase airline tickets (14 day lead)

c) Other reservations car/hotel/boat

d) Prepare annotated tide table

2. *Inspection Punchlist*
The punchlist will be developed to ensure the inspection checks on all issues relevant to the corrosion control design and structural evaluation.

This will include, but is not limited to:

a) Confirm 'As Builts' and system(s) understanding

b) Perform a three-tier inspection of non-submerged piling and piling that can be accessed during lower tide levels.

- Level 1 – arm's length visual 100%
- Level 2 – 10% with local cleaning
- Level 3 – 5% with cleaning & NDT documenting any steel section loss or pitting

c) Evaluate condition of coating systems

- Organic coatings

- Galvanized coatings

d) Evaluate condition of marine CP systems

- Identify reusable components
- Verify electrical continuity
- Evaluate stray current from adjacent vessels

3. *Develop inspection schedule*

Use tentative vessel schedule/closures and tide levels to develop schedule to complete inspection protocol items

4. *Mobilize Equipment*

a) Prepare a list of needed equipment

Use the inspection punchlist to make equipment list

b) Check/calibrate equipment

c) Ship equipment (as necessary)

II. Task 200 – Inspection

We anticipate that the inspection will start and end with a meeting with CBJ staff. The first meeting would include a review of relevant safety and security issues. The meeting at the end of the inspection would include an initial discussion of findings.

A. Travel

B. Meeting with CBJ

We expect attendees to include staff from CJB Engineering, CBJ Docks and Harbors and the Contractors TAllc, EEI, and PND.

1. *Safety Issues*

Safety issues would include, but not be limited to:

a) Emergency phone numbers – protocol

b) Inspection issues

- Overwater
- Underwater

c) *Vessel presence – e.g. bow thruster operation*

d) *Other*

2. *Security Issues*

a) *Required notification*

b) *Required identification*

c) *Other*

3. *Other issues*

C. Corrosion Inspection

Please note that both tides and vessel schedules will preclude the inspection addressing the following items in the order listed. Further, we expect that we may make modifications to the work depending upon our findings, and those from the underwater inspection conducted by EEI.

1. *Downtown Parking Facility/Library*

a) *Marine piles*
Essentially bents A through D, lines 6-11

b) *Soil piles*
Bents A through D, lines 1-6 and bents D.5 thru G

2. *Marine Park Including 2002 Improvements*

a) *Sheet pile bulkhead*

b) *Lightering float and gangway*

c) *2002 improvements*

3. *Steamship Wharf*
Essentially, the original 1990 construction from just south of the lightering float thru the ramp just the south of the DPF/Library plus the bus deck-over supported on timber piles.

a) *Inspect the timber piling*

b) *Evaluate stray current from adjacent vessels*

D. Meeting with CBJ

We expect attendees to include staff from CJB Engineering, CBJ Docks and Harbors and the Contractors TAllc, EEI, and PND.

1. *Present Inspection Initial Findings*

   Discuss the inspection findings, preliminary reading of the structural implications, and strategies for corrosion control.

2. *Discuss Direction for Corrosion Control Measures*

   a) *Cathodic protection*

   b) *Protective coatings*

   c) *Protective wraps*

   d) *Concrete encapsulation*

   e) *Other*

III. Task 300 – Corrosion Report

This will include preparing a comprehensive report that includes the findings from the corrosion inspection. It also will include a discussion of the underwater inspection report, prepared by EEI, and the structural report, prepared by PND.

A. Corrosion Report

1. *Introduction*
2. *Discussion of Methodology*
3. *Findings*
4. *Conclusions*
5. *Recommendations*

B. Appendices

1. *Underwater Inspection Report: EEI*
2. *Structural Report: PND*

IV. Task 400 – Corrosion Control Design

Until the findings from the inspection are known, it is not possible to know what corrosion control method or methods may provide the CBJ the most cost-effective property management return.

A. Possible Corrosion Control Methods

The following methods may be employed alone or in combination.

1. *Cathodic Protection*
   For submerged and/or tidal zone piles and perhaps buried piles.
2. *Protective Coatings*
   For the tidal and splash zones and may include the following:
   - Epoxies
   - Urethanes
   - Glass flake systems
   - Thermal sprayed materials
3. *Pile Wraps*
   These typically include primer followed by wraps or sheathing that encase the pile with petrolatum.
4. *Pile Encasement in Concrete, Mortar, or Grout*
   This could be applied to address corrosion and corrosion loss in the tidal and splash zone.

B. Schematic Design

To provide quick turnaround, the schematic design will actually commence during the inspection and will be discussed with the CBJ PM during the inspection and at the post inspection meeting.

C. Design Development

Each of these submittal stages will afford CBJ a minimum of one week for review. Specification will include at a minimum 01010 'Scope of Work' and 16640 'Cathodic Protection.'

1. *60% Submittal*
2. *90% Submittal*
3. *Cost Estimates – provided concurrent with design submittals*

V. Task 500 – Construction Documents

A. Final Submittal

Provide one 'Bid Ready' set of documents plus one set of Mylar™ stamped record drawings.

B. Final Cost Estimates

Provide final cost estimates.

VI. Task 600 – General Management and QA/QC

A. General Management

Assist in the success of the different aspects of the project. Provide efficient coordination of the several firms working on this contract and their interaction with the client and other agencies.

B. Quality Assurance and Quality Control

Ensure that the quality management plans are followed for the inspection and corrosion control design(s).

Electronically Transmitted Document

Tinnea & Associates
Investigating the Infrastructure

June 28, 2010

Steve Tada
CITY/BOROUGH OF JUNEAU
Engineering
Marine View Building, 3rd Floor
230 South Franklin Street
Juneau, Alaska 99801

SUBJECT: PROJECT E10-241: DESIGN SERVICES FOR THE DOWNTOWN PARKING FACILITY – CATHODIC PROTECTION REPAIRS R1

Dear Steve:

We are pleased to again have the opportunity to be of assistance to the City/Borough of Juneau (CBJ). Attached please find a copy of an outline for scope of services we propose to provide CBJ to complete the requested work, a summary spreadsheet of our cost estimates to provide that work, and the scoping submittals of our two proposed subcontractors. Echelon Engineer, Inc. (EEI) will provide underwater inspection services. PND Engineers, Inc. (PND) will provide structural evaluations of corrosion loss of steel piling metal section and/or timber piling damage. The figure at the right delineates the general areas to be inspected.

The area shown as Downtown Parking is comprised of the Downtown Parking Facility/Library and an integral decked area to the north. These structures are supported on coated steel H-piles. A portion of these piles are only exposed to soil conditions, some to rip-rap/seawater intrusion and soil conditions, and some to marine conditions.

The Marine Park area includes a sheet pile bulkhead and a steel pipe pile supported decking that was installed in 2002.

The area annotated as Steamship Wharf is comprised of the timber wharf supported by timber piles and those portions of the bus deck-over that are supported by timber piles.

2018 E. Union St. ⌖ Seattle, WA 98122 ⌖ (206) 328-7872 ⌖ FAX (206) 328-7916 ⌖ www.tinnea.net

Tinnea & Associates to provide the proposed services defined in the attached scoping documents for the Downtown Parking Facility, Marine Park, and the Steamship Wharf including a timber pile inspection/structural evaluation on a time and materials (T&M) basis not to exceed $216,410. The breakdown of our cost estimates are as follows:

CBJ Engineering:	$82,920
Docks & Harbors:	$133,490
Total:	$216,410

Steve should you or your colleagues have any questions concerning this proposal, please call me at (206) 328-7872 or email me at jackt@tinnea.net. Again, thank you for this opportunity to assist the City/Borough of Juneau in managing these important gateway assets.

Sincerely,
TINNEA & ASSOCIATES, LLC

Jack Tinnea
President
JST/me
encl: scoping documents & spreadsheets
Ref 1012401/cbj e10-241 scoping 062810e.docx

City/Borough of Juneau
Waterfront Facilitites Corrosion Control
E10-241
TAllc Project No.: 1012401

Tinnea & Associates, LLC
2018 East Union Street Seattle, WA 98122-2836
(206) 328-7872 www.tinnea.net

TINNEA & ASSOCIATES - LABOR SUMMARY

Date: 8-Jun-2010	Principal	Principal Engineer	Corrosion Technlgst I	Project Assistant	Drafter	Corrosion Technician	
Item	$ 187.96	$ 170.22	$ 94.72	$ 91.42	$ 83.34	$ 64.97	**Total**
Task 100 Pre-Inspect Review Mobe	10.00	23.00	15.00	4.00	32.00	6.00	90.00
Task 200 Inspection	8.00	96.00	96.00	4.00		4.00	208.00
Task 300 Report	4.00	16.00	24.00	8.00	24.00		76.00
Task 400 Corrosion Control Design	16.00	45.00	112.00	24.00	88.00		285.00
Task 500 Construction Documents	2.00	6.00		4.00	12.00		24.00
Task 600 Gen. Mgt. & QA/QC	28.00	16.00		12.00			56.00
Total Hours:	68.00	202.00	247.00	56.00	156.00	10.00	739.00
Subtotal Fully Burdened Labor:	$ 12,781.28	$ 34,384.44	$ 23,395.84	$ 5,119.52	$ 13,001.04	$ 649.70	$ 89,331.82

Comments/Assumptions:

Subscontactors:

Echelon Engineering, Inc. (Diving)	$ 77,256.00
PND Engineers, Inc. (Structural Engineering)	$ 24,620.00
PND Engineers, Inc., Work Skiff	$ 1,000.00
Subtotal:	$ 102,876.00
10% Markup:	$ 10,287.60
Total Subcontractors:	$ 113,163.60

Other Direct Charges (ODCs)

Inspection (air fare, per diem, car, mileage, equipment)	$ 12,222.00
Bound Inspection Report (3 copies)	$ 87.00
Design Development	$ 180.00
Final CDs (1 copy each of: specifications, 24"×36" bond & mylar drawings)	$ 160.00
ODC Subtotal:	$ 12,649.00
Markup (10%):	$ 1,264.90
Total ODCs:	$ 13,913.90
TOTAL	$ 216,409.32

PORT ENGINEER'S PROJECT STATUS REPORT

Gary Gillette, Port Engineer/Architect

Project	Status	Schedule	Contractor	Notes
Auke Bay Loading Facility - Phase I	Construction	Complete 8/20/09	Trucano	Completing final close out
Conveyance - ADNR Land - Facility	Submitted	Spring 2010		Awaiting action from DNR
Conveyance - ADNR Land - Mitigation	Submitted	Spring 2010		Awaiting action from DNR
Auke Bay Loading Facility - Phase II				
Final Design and Bid Documents	In Progress	Fall 2010	PND	
Douglas Floating Breakwater Installation	Construction	Fall 2010	Trucano	Corps has full funding
Old Douglas Harbor Reconstruction	Hold			
Permitting	Hold	Spring 2010	PND	Awaiting EPA Response
Final Engineering and Design	Design	Spring 2010	PND	Hold for permit
Statter Harbor Improvements				
EA Process	In Progress	Spring 2010	PND	Completing response to agency request for more info
Conveyance - DNR Property at Glacier	In Progress	Spring 2010		Survey in progress
Conveyance - DNR Tideland	In Progress	Spring 2010		Application Submitted
Acquisition - Lehnhart Property	Complete	Spring 2010		Awaiting owners to move out
Acquisition - Park Property	In Progress	Spring 2010		Need Assembly resolution - July 19
Permitting	Hold	Spring 2010	PND	Awaiting EA completion
Final Engineering and Design	Hold	Summer 2010	PND	Awaiting EA completion
Begin Construction		Spring 2011	TBD	Awaiting fulll funding
Cruise Ship Docks				
Cruise Ship Dock Reconfiguration	Hold		PND	Awaiting Assembly approval
Port-Customs-Visitor Center Project	Bidding	April 21, 2010	JYL Architects	Awaiting Assembly approval of bid - 28 June 2010
Cruise Staging Area Reconfiguration	Design		RFP	
Port Repair and Major Maintenance				
Transfer Bridge Maintenance	Hold		PND	Awaiting Inspection Report
Transfer Bridge Inspection	In Progress	Apr 27, 2009	PND	Awaiting report
Cathodic Protection	Design	Summer 2010	Tinnea & Assoc.	Joint with Engineering (parking garage)
Harbor Upland Improvements	Construction	Spring 2010	Admiralty Const.	In progress
North Douglas Boarding Float	Complete	June 15, 2010	Moeser	Alpine Lumber & Building Products
Installation	In Progress		Harbor Staff	Need one pile collar adjustment
Aurora Harbor Reconfiguration	Planning	Spring 2010	PND	Concept plans in progress
Municipal Harbor Matching Grant	Application	July 15, 2010	PND	Submitted application for $2M
Taku Fisheries Dock Expansion	Planning	Spriing 2010	PND	Considering options
Miscellaneous - Small Projects				
Norway Point Net Float	Design	Plans Complete		No funds to construct - Est. $50K+/-
Archie Van Winkle Memorial	In Progress			Transfer to City

7/19/2010