

City of Brisbane

Agenda Report

TO: Honorable Mayor and City Council

FROM: Randy Breault, Director of Public Works/City Engineer via City Manager

SUBJECT: Channel Marker Inspection and Agency Permitting Services

DATE: July 16, 2015

City Council Goals:

To maintain and improve infrastructure. (#3)

Purpose:

To obtain Council's approval for a proposal to provide diver inspection services for the Marina's channel markers, and to provide resource agency permitting services for the relocation and/or replacement of the channel markers.

Recommendation:

Approve the Second Amendment to Agreement for Professional Services with Anchor QEA, LLC.

Background:

Channel marker #3 in the approach channel to the Brisbane Marina was damaged and taken out of service several years ago. The FY2015-2016 budget includes \$16,000 (550-5040-52232), which incorporated the estimated costs to replace this marker.

The pre-construction video survey completed by the dredging contractor noted that most of the channel markers were in varying stages of distress. The work proposed under this contract includes in-water inspection of the channel markers, determination of their condition and recommendation for replacement or relocation, and obtaining the necessary resource agency permits.

As noted in Anchor QEA's proposal, channel marker #6 was damaged by Dutra during approach channel dredging. The full cost of that replacement/relocation will be borne by the dredging contractor.

Discussion:

Staff recommends this work be completed so that the city will fully understand the conditions of a key component of the Marina - the markers that guide vessels in and out of our entrance. If not approved by Council, markers #3 and #6 will be replaced, but the conditions of the other four (4) markers will remain unknown.

Fiscal Impact:

The cost for the proposed work will be taken from the FY15-16 budget. The as-yet unknown cost for relocation/replacement of channel markers other than #6 will be presented in either next year's budget request or in a supplemental appropriation request.

Measure of Success

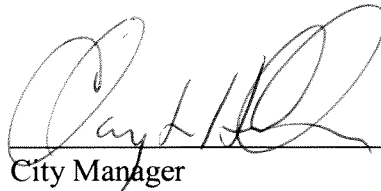
Appropriately located and stable navigational aids to mark our marina's ingress/egress channel.

Attachments:

Second Amendment to PSA with Anchor QEA



Director of Public Works/City Engineer



City Manager

SECOND AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES

THIS SECOND AMENDMENT to an Agreement for Professional Services is made _____, 2015 between the City of Brisbane ("City) and Anchor QEA LLC ("Consultant).

Recitals

- A. City and Consultant entered into an Agreement for Professional Services on September 2, 2014 ("the Agreement") by which Consultant agreed to provide to City certain professional permitting and design services for maintenance dredging of the Brisbane Marina for compensation not to exceed \$170,200.
- B. City and Consultant entered into a First Amendment for Professional Services on March 5, 2015 to expand the scope of services to include bid support and construction management during the maintenance-dredging program for compensation not to exceed \$384,800.
- C. City and Consultant now wish to expand the scope of services to include the provision of channel marker dive inspection services and resource agency permitting to move/replace channel markers.

NOW, THEREFORE, in consideration of the mutual promises expressed herein, City and Consultant amend the Agreement as follows:

- 1. The Scope of Services identified in Exhibit A to the Agreement is revised and expanded to include the scope of services set forth in Consultant's proposal to the City dated June 12, 2015 and attached as Exhibit A-2.
- 2. For the services provided in Exhibit A-2, City shall pay Consultant compensation not to exceed \$11,918 as also set forth in Exhibit A-2 (Proposed Costs).
- 3. In all other respects, the terms and conditions of the Agreement are to continue in full force and effect.

CITY OF BRISBANE

Terry O'Connell, Mayor

Attest:

ANCHOR QEA LLC

Sheri Marie Spediacci, City Clerk

Joshua Burnham, Senior Partner

Approved as to form:



Michael H. Roush, City Attorney

Exhibit A-2

Attach Anchor QEA June 12, 2015 Scope of Work and Cost Proposal to Provide Channel Marker Dive Inspection Services and Permits to Replace or Move Channel Markers here.



130 Battery Street, Suite 400
San Francisco, California 94111
Phone 415.230.0862

June 12, 2015

Mr. Randy Breault
City of Brisbane
50 Park Place
Brisbane, California 94005-1310

Re: Scope of Work and Cost Proposal to Provide Channel Marker Dive Inspection
Services and Permits to Replace or Move Channel Markers

Dear Mr. Breault:

Anchor QEA, LLC, is pleased to submit this scope of work and cost proposal to provide dive inspection services and resource agency permitting to move and/or replace the channel markers in the entrance channel. This is based on our ongoing discussions regarding the conditions of the markers, and the loss of markers #3 and #6. The following scope of work outlines the tasks needed at this time.

PROPOSED SCOPE OF WORK

Task 1: Dive Inspection of Remaining Channel Markers

Our subconsultant, Underwater Resources Incorporated (URI), will conduct a Level 1 and Level 2 inspection of the remaining markers. This includes the following:

- Use of the fender on a 27-foot utility vessel to perform a push test on each of the piles. Any movement will be noted.
- Dive inspection which includes cleaning a 1- to 2-inch-wide vertical strip of marine growth on two or more full faces of each of the piles to locate cracks. If the diver finds a crack, additional scraping will be performed to determine the extent of the cracks or spalling, and photos will be taken.
- URI will generate a report noting all cracks and the stability of each pile.

We recommend that this process be undertaken to more definitively understand the condition and placement of the markers, and whether each individual marker needs to be replaced or moved, or if it is OK as is.

Assumptions

- Work to be performed by URI after Dutra has completed dredging in the entrance channel for safety purposes
- Cost includes 5% markup of URI and 2 hours of labor for Nicole Egli to supervise URI work on site

Task 2: Resource Agency Permits to Move or Replace Channel Markers

Anchor QEA will proceed with obtaining the resource agency permits needed to move or replace in-kind each pile, based on the outcome of Task 1. This will also account for the pile destroyed by Dutra Dredging, which needs total replacement. We anticipate needing the following permits:

- Nationwide Permit 1 from the U.S. Army Corps of Engineers
- No permit needed from the Regional Water Quality Control Board under Nationwide Permit 1
- Administrative Permit from the Bay Conservation and Development Commission
- California Environmental Quality Act exemption issued by the City

Assumptions:

- Any permit fees will be paid by the City
- We expect to be able to obtain these permits within 3 months

COST PROPOSAL

Our proposed fees are shown in Table 1.

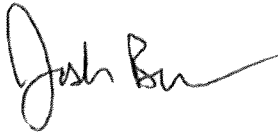
Table 1
Proposed Costs

Task	Description	Anchor QEA Costs
1	Dive Inspection	\$7,918
2	Permits	\$4,000
Total		\$11,918

We have assumed that our 2015 rates (attached) will be used for this effort, and that this scope of work will be assumed under the terms and conditions of our existing contract.

Please do not hesitate to contact me at jburnam@anchorqea.com, or at (415) 230-0862, if there are any questions or concerns with this proposal.

Sincerely,



Joshua Burnam, MPH, D.Env.
Principal
Anchor QEA, LLC

ATTACHMENT A
PROJECT BILLING RATES

Anchor QEA, L.L.C.

2015 BILLING RATES

Professional Level Hourly Rates

Principal	\$230
Senior Manager	\$203
Manager.....	\$189
Senior Staff.....	\$168
Staff 3	\$148
Staff 2	\$133
Staff 1	\$112
Senior CAD ¹ Designer	\$117
CAD Designer	\$98
Technician	\$95
Technical Editor	\$98
Project Coordinator	\$94

Special Hourly Rates

National expert consultant.....	\$377
All work by a testifying expert.....	1.5 times professional level rate

EXPENSE BILLING RATES

Expense Rates

Computer Modeling (per hour)	\$10.00
Graphic Plots (varies with plot size)	\$3-6/sf
Mileage (per mile).....	Current Federal Standard

FEE ON LABOR AND EXPENSE CHARGES

Subcontracts/subconsultants	10%
Travel and other direct costs	10%
Field equipment & supplies.....	10%

This is a company confidential document.

¹ CAD = Computer Aided Design