City of Jacksonville, Florida

Lenny Curry, Mayor

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Engineering & Construction Management Division
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ONE CITY. ONE JACKSONVILLE.

August 17, 2020

TO: Gregory W. Pease, Chairman
Professional Services Evaluation Committee

THRU: John P. Pappas, P.E.
Director

FROM: Robin G. Smith, P.E.
Chief, Engineering and Construction Management

Jill Enz, Chief
Natural and Marine Resources

SUBJECT: P-52-17 Professional Services for Dock Inspections and Designs
Contract # 8567-02 Amendment 7

After construction mobilization and float placement at the Friendship Fountain Floating Dock and based on the bathymetric survey completed during project design, some areas under the proposed dock footprint have shoaled in up to 4' in some areas, which will require dredging so the dock can be properly constructed. Permitting assistance is needed for permit modification to dredge at Friendship Fountain. Negotiations have resulted in the attached Scope of Services, Exhibit V and Fee Summary, Exhibit W to provide these services. The City's JSEB program is not applicable to this project.

Accordingly, this is to recommend that Contract # 8567-02, originally executed November 14, 2017, between the City of Jacksonville and Taylor Engineering, Inc. for Professional Services for Dock Inspections and Designs, be amended to incorporate the attached Scope of Services, Exhibit V and Fee Summary, Exhibit W, to increase the not to exceed limit for Bidding Assistance and Construction Administration Services by $14,396.75 to a new limit of $412,564.88, thereby increasing the maximum indebtedness to the City by $14,396.75 to a new maximum of $1,121,275.23, with all other terms and conditions of the Agreement remaining unchanged.

Funding for the amendment to be encumbered as follows:

Account	TOTAL
001410	
PRNM Natural and Marine Resources-Emergency Disaster Relief Svcs	
565050	
27	
10602-381910-AFA01701	
$14,396.75	$14,396.75

WJJ/lw

Attachment: Exhibits V & W

cc: Lori West, Engineering and Construction Management
Robert Scott, Engineering and Construction Management

TAYLOR ENGINEERING, INC.

SCOPE OF WORK
FOR
CITY OF JACKSONVILLE

PERMITTING ASSISTANCE FOR PERMIT MODIFICATION TO DREDGE AT FRIENDSHIP FOUNTAIN

INTRODUCTION

Amendment 5 to the Contract for Dock Inspections and Designs provides the Scope of Work detailing Taylor Engineering's role in the bidding and construction phase of the Friendship Fountain Floating Dock project (Task 2).

After construction mobilization and float placement at the Friendship Fountain Floating Dock project site, the contractor observed that the floats become grounded on the mudline at low tide. The floating dock manufacturer's on-site representative expressed concerns that this condition will critically damage the concrete float modules. After further investigation, Taylor Engineering confirmed that, since the bathymetric survey completed during the project design, the area under the proposed floating dock footprint had shoaled in up to 4-ft in some areas. This area requires dredging before the floating dock can be properly constructed.

At the request of the COJ, this proposal includes all labor and materials for Taylor Engineering to manage application for an exemption verification with Florida Department of Environmental Protection (FDEP) and a permit modification authorization from the Department of Army (USACE) to authorize the dredging of approximately 175 cubic yards of material from under the proposed floating dock.

SCOPE OF SERVICES

ASSUMPTIONS

- COJ will provide any historical permit authorizations related to the project site.
- COJ will reimburse Taylor Engineering for permit application and laboratory fees as described in the scope of work herein.

TASK 1 PERMITTING ASSISTANCE

1.1 Site Visit and Data Collection

Taylor Engineering will make one site visit to collect updated bathymetric data to identify the extents of shoaling under the dock to support permit modification authorizations.

1.2 Permit Drawing Set Development

Following completion of Task 1.1, Taylor Engineering will develop a draft permit drawing set and transmittal package to support Task 1.3.

1.3 Pre-application meeting with FDEP and USACE

Taylor Engineering will conduct a pre-application meeting via Zoom with the FDEP, USACE, and COJ staff to understand the scope of requirements to obtain authorizations to dredge at Friendship Fountain.

1.4 FDEP Exemption Verification Request

Taylor Engineering will complete following tasks and develop a submittal package to include the following items for FDEP review:

1. Provide permit drawings depicting proposed operations including displaying State Lands Approved Submerged Land Lease

2. Provide a letter stating that the Harbor Waterways Special District Upland Disposal Area can accommodate the amount of dredged material to be placed there

3. At the COJ request. Taylor Engineering will pay the $100 exemption verification required to complete application submission. This permit fee is included in the cost for this scope of work.

4. Taylor Engineering will complete one site visit to collect three sediment samples for sieve analysis (ASTM D1140) to identify if severance fees apply. Taylor Engineering will complete the sieve analysis at our own AASHTO and USACE certified laboratory.

5. Taylor Engineering will fill out the FDEP Exemption Verification Request form for COJ review and signature.

1.5 Department of Army Permit Modification

At the request of the USACE, Taylor Engineering will fill out the USACE Jacksonville District's Programmatic Biological Opinion (JaxBO) checklists to support the permit modification request.

1.6 Regulatory Coordination

Taylor Engineering will coordinate the communication between agencies and owner and respond to requests for additional information.

1.7 Dredge Material Management Area (DMMA) Coordination and Requirements

Taylor Engineering will coordinate with the Harbor Waterway Special District DMMA to provide all required documentation to dispose of material at the facility. Tasks include the following:

1. Coordination phone call with DMMA representative to understand requirements to place material at this facility.

2. At the request of the Harbour Waterway Special District, Taylor Engineering will make one site visit to collect one soil sample. Taylor Engineering will transfer the sample to a laboratory consultant to test to make sure samples are within EPA "Soil Cleanup Target Level" for commercial / industrial disposal (RCRA Totals, mg/kg). The laboratory fee is included in the cost for this scope of work

SCHEDULE

To support the construction of the Friendship Fountain Floating Dock and minimize any construction delays related to regulatory authorizations, Taylor started this work immediately upon authorization from the COJ. Taylor anticipated the above-mentioned tasks completed in approximately three weeks, not included responses to any agency requests for additional information.

FEES

Taylor Engineering will complete the work on a fixed fee basis for task-by-task fees as summarized in the table below. Exhibit X outlines these fees in the Contract Fee Summary Format, Engineering Division, City of Jacksonville.

PERMITTING ASSISTANCE FOR PERMIT MODIFICATION TO DREDGE AT FRIENDSHIP FOUNTAIN	Fee
TASK 1 – PERMITTING ASSISTANCE	$14,396.75
TOTAL	$14,396.75

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION
CITY OF JACKSONVILLE, FLORIDA

PART I - GENERAL	
1. Project PERMITTING ASSISTANCE FOR PERMIT MODIFICATION TO DREDGE AT FRIENDSHIP FOUNTAIN	2. Proposal No. / Contract No. P-52-17 / 8567-02
3. Name of Consultant Taylor Engineering, Inc.	4. Date of Proposal 6/12/2020

PART II - LABOR RELATED COSTS

5. Direct Labor (Limiting Amount)	Hourly Rate	Estimated Hours	Estimated Cost	TOTAL
Principal Engineer	$ 67.87	0	$ 0.00	
Program Manager	$ 60.82	8	$ 486.56	
Senior Professional	$ 55.41	8	$ 443.28	
Project Professional	$ 42.38	60	$ 2,542.80	
Staff Professional	$ 31.48	30	$ 944.40	
Sr. CAD Designer	$ 45.90	6	$ 275.40	
Admin	$ 19.67		0.00	
TOTAL DIRECT LABOR				$ 4,692.44
6. Overhead (Combined Fringe Benefit & Administrative) Overhead Rate	175 % x Total Direct Labor			$ 8,211.77
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 12,904.21
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 1,290.42

PART III - OTHER COSTS

9. Miscellaneous Costs (Reinmbursable/NTE)			
FDEP Exemption Application Fee		$ 100.00	
		$	
		$	
		$	
MISCELLANEOUS DIRECT COSTS SUB-TOTAL			$ 100.00
10. SUBCONTRACTS (Reimbursable/Not to Exceed)			
Pace Analytical (Chemistry Testing)		$ 60.00	
		$	
SUB-CONTRACT SUB-TOTAL (Reimb/NTE)			$ 60.00
11. REIMBURSABLE COSTS (Limiting Amount)			
Site Visits (miles)	78	$ 0.54	$ 42.12
		$	
		$	
SUB-TOTAL REIMBURSABLES			$ 42.12

PART IV - SUMMARY

TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables / Not To Exceed) (Items 5, 6, 8, 9, 10, and 11)	$ 14,396.75