City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
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ONE CITY. ONE JACKSONVILLE.

January 6, 2020

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

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

FROM: William J. Joyce, P. E.
Director of Operations

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

SUBJECT: P-40-16 Master Stormwater Management Plan (MSMP) Program Management Services-Annual Contract Contract # 6354-16 Amendment 5
Consultant Services Account Nos.: PWEN011AD – 03109
Internal Services Account No.: PWEN011AD

Professional engineering services are needed to provide as needed SWMM modeling services and interpretation of results in response to requests from the City for alternative analysis for miscellaneous areas. Negotiations with the consultant have resulted in the Attached Scope of Services, Exhibit I and Fee Summary, Exhibit J. There is no rate increase associated with this amendment. CDM Smith, Inc. is committed to meeting the 15% JSEB participation goals established for this contract.

Accordingly, this is to recommend that Contract # 6354-16, originally executed June 23, 2017, between the City of Jacksonville and CDM Smith Inc. for Master Stormwater Management Plan (MSMP) Program Management Services- Annual Contract be amended to incorporate the attached Scope of Services, Exhibit I and Fee Summary, Exhibit J to add a new not to exceed limit for MSMP Modeling Services in the amount of $19,963.00, thereby increasing the maximum indebtedness to the City by $19,963.00 to a new limit of $392,172.00. All other terms and conditions of the Agreement remain unchanged.

JPP/lw

Attachment: Exhibits I & J
JSEB Participation

cc: Lori A. West, PW Contract Specialist, Engineering and Construction Management

ab

FOR

CITY OF JACKSONVILLE
MASTER STORMWATER MANAGEMENT PLAN
PROGRAM MANAGEMENT SERVICES
6354-16

November 18, 2019

AMENDMENT NO. 5
AS-NEEDED ENGINEERING SERVICES FOR MSMP MODELING QUERIES

This Authorization, when executed, shall become a task order under the Agreement for Professional Services between the City of Jacksonville (OWNER), and CDM Smith Inc. (ENGINEER), dated June 23, 2017, hereafter referred to as the Agreement.

PROJECT BACKGROUND

The CITY conducted a major update to their 1992 Master Stormwater Management Plan (MSMP) in 2011 and updated the tributary Storm Water Management Model (SWMM) models in 2013. Since that time, the CITY has continued to develop and implement capital improvement projects. The 1992 and 2011 MSMP documents considered combined rainfall and tidal flooding to most accurately define flooding and solutions. The current contract includes services related to update, refinement, and maintenance of the CITY's MSMP.

The CITY evaluates proposed development by requesting CDM Smith to perform alternative analysis and evaluate impacts using the MSMP SWMM models. The City of Jacksonville, via this task authorization, is authorizing ENGINEER to resolve queries and perform alternative analysis as requested by the CITY. The objective is to is providing ongoing support of MSMP SWMM modeling.

Original Contract– The contract included development of a design criteria package and a grant application for the Doeboy Regional Stormwater Facility.

Amendment No. 1 – Amendment No. 1 includes preliminary design services related to development of stormwater treatment facilities for the Arlington area. The amendment includes modifying the existing stormwater model to include the proposed facility, quantifying water quality and quantity impacts, and preparing a cost estimate.

Amendment No. 2 – Amendment No. 2 includes services to provide hydraulic and hydraulic modeling services for restoration alternatives for McCoy's Creek and evaluating benefits associated with restoration alternatives using the MSMP level of service methodology.

Amendment No. 3 – Amendment No. 3 extended the contract timeline to June 21, 2021.

Amendment No. 4 – Amendment No. 4 includes support for the City Community Rating System (CRS) 5-year audit and recertification.

Amendment No. 5 – This Amendment includes services to provide SWMM modeling services and interpretation of results in response to requests from the CITY for alternative analysis.

SCOPE OF WORK

The following is a description of the services to be provided under this Task Authorization.

TASK 1 - DOEBOY REGIONAL STORMWATER FACILITY

There are no changes to this task.

TASK 2 - ARLINGTON OED STORMWATER MASTER PLAN

There is no change to this task.

TASK 3 - ARLINGTON OED MEETINGS, PROJECT MANAGEMENT AND QUALITY CONTROL

There is no change to this task.

TASK 4 - MODELING OF MCCOY'S CREEK RESTORATION ALTERNATIVES

There is no change to this task.

TASK 5 - AS-NEEDED ENGINEERING SERVICES FOR MSMP MODELING QUERIES

The ENGINEER will respond to queries by the CITY regarding existing MSMP SWMM. Responses to queries may include, but is not limited to, the following:

- Inclusion of new topographic survey
- Evaluation of conveyance alternatives (e.g. sizing culverts)
- Generation flood profiles for the mean annual, 5-, 10-, 25-, 50- and 100-year/24-hour design storms
- Generation of existing peak flood stage, flow and velocity tables
- Delivery of specific models and/or supporting files to third party

TIME OF COMPLETION/SCHEDULE

ENGINEER shall commence work after issuance of a written notice-to-proceed from the OWNER. Results of alternatives analysis may take the form of memoranda or letter reports summarizing model results. The schedule for delivery will be determined at the time a request is made by the City.

COMPENSATION AND PAYMENT

The OWNER agrees to pay the ENGINEER as follows:

The ENGINEER will complete the services in the Tasks listed above in this for a lump sum fee of $19,963 as shown in Exhibit . ENGINEER will invoice monthly as a percentage of the lump sum based on the percentage of work completed during the billing period. Lump sum compensation shall be for all labor, sub-consultants, and other direct costs associated with the performance of the work. The new total amended value for this Task Authorization is $392,172.

EXHIBIT J

CONTRACT FEE SUMMARY FORMAT FOR ENGINEERING DIVISION				
CITY OF JACKSONVILLE, FLORIDA				
MSMP UPDATE				
PART I - GENERAL				
1. Project			**Proposal Number**	
MSMP: Program Management Services - Am3 As-Needed Engineering Services for MSMP Modeling Queries				
3. Name of Consultant			**Date of Proposal**	
CDM Smith Inc.			11/18/2019	
PART II - LABOR RELATED COSTS				
5. Direct Labor	Hourly Rate	Estimated Hours		TOTAL
Officer/Technical Expert	82.00		$ -	
Principal / Associate / Project Manager	69.00	16	$ 1,104.00	
Senior Profesional	55.00	55	$ 3,025.00	
Project Engineer II / GIS Speicalist III	45.00	55	$ 2,475.00	
Project Engineer I / GIS Specialist II	38.00		$ -	
Sr. GIS Specialist/Designer	45.00		$ -	
GIS Specialist I /Drafter/Technician	32.00		$ -	
Clerical	23.00		$ -	
Field Staff Support Services	31.00	-	$ -	
TOTAL DIRECT LABOR	52.00	126		$ 6,604
6. Overhead (Combined Fringe Benefit & Administrative)				
Overhead Rate	170.2%	x Total Direct Labor		$ 11,240
7. SUBTOTAL: Labor + Overhead (Items 5 & 6)				$ 17,844
8. PROFIT: Labor Related Costs (Item 7)		x	10%	$ 1,784
PART III - OTHER COSTS				
9. Miscellaneous Direct Costs				
Transportation, Per Diem and Equipment				
Presentation Boards				
Reproduction				
MISCELLANEOUS DIRECT COSTS SUB-TOTAL				$ 335
10. SUBCONTRACTS (Lump Sum)				
SUB-CONTRACT SUB-TOTAL				$ -
TOTAL LUMP SUM AMOUNT (Items 5, 6, 8, 9 and 10)				$ 19,963
11. REIMBURSABLE COSTS (Limiting Amount)				
SUB-TOTAL REIMBURSABLES				$ -
PART IV - SUMMARY				
TOTAL AMOUNT OF CONTRACT (Lump Sum Plus Reimbursables)				**$ 19,963**
12. PRIOR CONTRACT AMOUNT				$ 372,209
AMENDED AMOUNT OF CONTRACT				$ 392,172

EBO FORM 1
SCHEDULE OF SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Name of Proposer: **CDM Smith Inc.**

Project Title: **City of Jacksonville Master Stormwater Management Plan (MSMP)**

Proposal Number: **6354-16** Total Base Proposal Amount (if applicable): **$ 19, 963**

***Please list all JSEBs first**

Full Company Name	JSEB Category (African-American, Women, Asian, Native American, Non-MBE or Hispanic)	Type of Work to be Performed	Total Contract Value or Percentage

Attach additional list of subcontractors/sub-consultants as needed

CONSULTANT/SUBCONTRACTOR/SUPPLIER TOTAL VALUES	
African-American Participation Total	
Hispanic-American Participation Total	
Native-American Participation Total	
Asian-American Participation Total	
Woman Participation Total	
Non-MBE Participation Total	

The undersigned will enter into a formal Agreement with the JSEB Suppliers/Consultants/Subcontractors identified herein for work listed in this schedule conditioned upon execution of a contract with the City of Jacksonville. Under penalties of perjury I declare that I have read the foregoing conditions and instructions and the facts are true to the best of my knowledge and beliefs.

Signature of Proposer: Shayne Wood Title: Vice President Date: January 6, 2020

Print Name: Shayne Wood, P.E.