

TASK ORDER NO. 2022-22

CITY OF COCOA

AND

CAROLLO ENGINEERS, INC.

This Task Order is issued by the OWNER and accepted by ENGINEER pursuant to the mutual promises, covenants and conditions contained in the Agreement between the above named parties dated the 24th day of July 2018, in connection with: Fiscal Year 2022 Jerry Sellers WRF SCADA Maintenance (PROJECT).

A. PROJECT UNDERSTANDING

The City of Cocoa (OWNER) operated the Jerry Sellers Water Reclamation Facility (WRF) and various remote sites that utilize a plant SCADA system consisting of VTScada, Allen-Bradley Local Control Panels (LCPs), and Motorola MOSCAD L and ACE 3600 Remote Terminal Units (RTUs). These SCADA system components require regular maintenance and upgrades. This scope of work is to provide scheduled programming services and to provide emergency on-call remote support as deemed necessary for system maintenance.

The following is understood:

- The OWNER will provide knowledge on existing programming infrastructure and equipment using OWNER staff input and previously contracted engineers.
- The OWNER shall provide the ENGINEER with the ability to remotely access the Jerry Sellers Plant and City's SCADA system in order to provide remote and emergency services as deemed necessary.
- The ENGINEER will work with the OWNER's staff to provide a team of SCADA services that will result in increased redundancy and reliability in the services.

B. SCOPE OF WORK

Task 1 – Project Management and Coordination

ENGINEER will provide project oversight including the following:

- Project billing
- Coordination with Sellers staff to schedule regular site visits, and
- General coordination related to SCADA services under the Scope of Work

ENGINEER will coordinate with the OWNER as deemed necessary to manage and implement the services herein. This subtask includes coordination between the ENGINEER and the OWNER throughout the duration of the project for implementation of the scope of work.

Task 2 – SCADA Programming

The ENGINEER will provide SCADA system programming services for the OWNER's VTScada system, LCPs, and RTUs weekly, as described in section D of this scope of work. ENGINEER will

provide these services on an hourly basis using the OWNER's programming software and licenses. Services requested by the OWNER outside the normal business hours as described under section D, will be allocated under Task 3 of this scope of services. No work will proceed without the OWNER's request.

Task 3 – As Needed and Emergency On-Call Services

The ENGINEER will provide supplementary services and emergency on-call response as deemed appropriate when requested by the OWNER. These will be conducted on an hourly basis. OWNER's request to provide services during non-business hours will be considered as authorization to allocate labor under this task. OWNER will provide ENGINEER with remote VPN access to their system to allow for offsite support. Refer to section D for additional details on the schedule and response time requirements under this task.

Task 4 – Software License Renewals

ENGINEER will renew the OWNER's software licenses and support contracts as requested by the OWNER. These renewals are anticipated to include XL Reporter Support, Micromain Support, and Trihedral VTScada. No purchases will be made without authorization from the OWNER. These software license renewal fees are estimated in Attachment A.

C. DELIVERABLES

It is understood that there will be no deliverables as part of this scope of work.

D. SCHEDULE

The time periods for the performance of ENGINEER's services will commence upon the request of the OWNER through September 30, 2022.

ENGINEER will provide once a week on-site routine services during normal business hours (Monday through Friday, 8:00 AM to 5:00 PM) at a mutually agreed schedule with the OWNER.

The ENGINEER will acknowledge OWNER's request outside the weekly site visits during normal business hours, within three (3) hours of the request receipt and will address the concern in a timely manner according to the priority level of the request. Normal business hours requests will be allocated under Task 2 services.

During non-business hours, ENGINEER will acknowledge OWNER's request within five (5) hours and will address the concern in a timely manner according to the priority level of the request. Non-business hours requests will be allocated under Task 3 services.

E. COMPENSATION

Compensation for Services of ENGINEER described in this Task Order will be billed based on actual time in accordance with the billing rates provided in Attachment A of the Master Services Agreement. Reimbursable expenses will be billed at actual costs in accordance with the Master Services Agreement. ENGINEER proposes to complete the above stated work for an

upper limit fee of one-hundred and sixty-three thousand, six hundred forty-six and 12/100 dollars (\$163,646.12) based on the estimate provided in Attachment A.

F. TERMS AND CONDITIONS

The terms and conditions of the Agreement referred to above shall apply to the Task Order except to the extent expressly modified herein. In the event of any such modification, the modification shall be set forth below and the Article of the Agreement to be modified shall be specifically reference.

G. TERMS OR PROVISIONS IN CONFLICT

If the provisions set forth in the Agreement are in conflict with the provisions set forth in the Task Order, the provisions of this Task Order shall govern.

H. EFFECTIVE DATE

This Task Order No. 2022-22 is effective as of the 1st day of October 2021.

IN WITNESS WHEREOF, duly authorized representatives of the OWNER and of the ENGINEER have executed this Task Order evidencing its issuance by OWNER and acceptance by ENGINEER.

CAROLLO ENGINEERS, INC.

OWNER

By:


Scott Richards, P.E., Associate Vice
President

By:

Stockton Whitten,
City Manager

By:


Sudhanva Paranjape, P.E., Vice
President

ATTACHMENT A

EXHIBIT 1 - CAROLLO ENGINEERING SERVICES FEE

CAROLLO ENGINEERS INC. - Engineering Services Fee		Lead Project Professional ES VII	Senior Professional ES VIII (Project Engineer)	Admin/Clerical	Total Hours	Total Labor Cost (Not-to-Exceed)
City of Cocoa - Jerry Sellers WRF: Plant and Lift Stations Telemetry/SCADA Maintenance and Updates						
Engineering Services						
	Labor Rate	\$ 204.75	\$ 225.00	\$ 70.96		
TASK AND DESCRIPTION						
1	Project Management	24		12	36	\$5,765.52
2	SCADA Programming		520		520	\$117,000.00
3	As Needed Services		90		90	\$20,250.00
	Total Hours and Labor Costs	24	610	12	646	\$143,015.52
4	Software License Renewals					
	XL Reporter Support					\$600.00
	Micromain Support					\$995.00
	Triheadral VTScada Support					\$4,905.00
	Software License Constingency Increase 15%					\$975.00
	Total Software License Renewals					\$7,475.00
	Travel and ODCs					\$13,155.60
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	TOTAL NOT-TO-EXCEED FEE (CAROLLO ENGINEERS INC.)					\$163,646.12