TASK AUTHORIZATION FORM

In accordance with the Agreement between City of Deltona ("City"), Florida and WSP USA Inc. ("Consultant") for Continuing On-Call Engineering Water & Wastewater Utility Plant Engineering Services per RFQ #PW-20-10 dated September 18, 2020, the City hereby authorizes Consultant to proceed with the services as set forth in the attached task order proposal as follows:

WSP Project	Number:	314038484.002							
Engineering	Firm:	WSP USA Inc.							
Scope of Wo	rk:	City has asked WSP to assist with the	City has asked WSP to assist with the SCADA upgrades for						
•		certain water treatment plants and							
		order to add construction services f	for sub, Carollo	<u>)</u>					
Estimated Fe	ees:								
Task			Payment						
Order No.	Task		Method	Cost					
2a		at Plant SCADA / Security Improvements and	Not-to-	\$347,554					
	SCADA Graphics	Upgrades – Construction Services	Exceed	6247 554					
		Total		\$347,554					
Consultant's	Project Manager:	Crissy Mehle, PE, CFM, ENV	/ SP						
City's Design	ated Project Lead	er: James Parrish							
		CONSULTANT							
Accepted By	:								
Accepted by		le, Local Business Lead, WSP USA		Date					
Reviewed an	id Accepted By:								
neviewed an	id Accepted by	Public Works Director, City of Deltona		oate					
If more than Reviewed an	\$5,000: ad Accepted By:								
	. ,	City Manager		Date					



CITY OF DELTONA

CONTINUING ON-CALL WATER & WASTEWATER UTILITY PLANT ENGINEERING SERVICES AGREEMENT

RFQ # PW 2020-10

Task Order No. 2A

Water Treatment Plant SCADA / Security Improvements and SCADA Graphics Upgrades – Construction Services

Scope of Services

October 17, 2024

A. INTRODUCTION

The City of Deltona (CITY) requested assistance from Carollo Engineers, Inc, as a subconsultant to WSP USA, to provide engineering services during construction to support the Supervisory Control and Data Acquisition (SCADA) System Improvement & Upgrades Water Treatment Plants (WTP's) & Well Sites for the Deltona Water (CITY) as outlined in Task Order No 2. This Task Order 2A is to add additional services requested by the City during construction.

The following services will be provided:

- 1. Project Management and Coordination
- 2. Preliminary Construction and Contract Document Management
- 3. Shop Drawing Submittal Reviews
- 4. Workshop Attendance
- 5. System Testing
- 6. RFIs / Change Requests / Allowances
- 7. Project Close Out

WSP will provide services per the terms and conditions of Agreement RFQ #PW 2020-10. WSP will use a specialty subconsultant – Carollo Engineers (WSP Team) to provide the engineering services during the construction phase. The detailed scope of services is described below.

B. SCOPE OF SERVICES

Upon authorization from the CITY, WSP Team (CONSULTANT) will provide the following services under this project:

TASK 10. PROJECT MANAGEMENT AND COORDINATION

Under this task CONSULTANT will provide overall project management and coordination for the successful implementation of this project. CONSULTANT will track the progress of the project and provide periodic progress reports to the CITY as part of its invoice or as requested by the CITY. CONSULTANT will prepare for and attend one (1) project



kickoff meeting with the CITY staff. CONSULTANT will prepare the meeting agenda and provide a meeting summary. Consultant will provide as needed project coordination.

TASKS 100 - 700.

See Attachment A – Subconsultant Proposal.

All technical work under these tasks will be performed by the Subconsultant Team Member (Carollo Engineers), who will also be responsible for performing the QA/QC review of their technical work. Detailed scope of services for the Subconsultant Team Member is provided in **Attachment A**.

C. SCHEDULE

The scope of services outlined herein will be performed by the CONSULTANT following receipt of written authorization from the CITY. The projected schedule for the performance of services described herein will be coordinated with the Contractor based on their submitted schedule and is anticipated to be a 1-year effort. Construction schedule beyond 12 months is subject to an additional negotiated amendment.

D. FEE ESTIMATE

Compensation to CONSULTANT for the scope of services provided will be based on an hourly **Not-to-Exceed** method of payment. The amounts for labor and other reimbursable expenses are summarized in the Table below. Detailed cost shown in **Attachment B**, were used to the develop the estimated Lump Sum budget amount of \$315,887.00 or \$347,554 with a 10% owner's allowance. The CONSULTANT shall not incur costs in excess of this estimated amount shown below, without prior written authorization from the CITY.

Task#	Task Description	Task Budget
10	WSP PROJECT MANAGEMENT AND COORDINATION	\$18,057
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION	\$32,344
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS	\$17,294
300	SHOP DRAWING REVIEW	\$22,760
400	WORKSHOPS	\$60,604
500	SYSTEM TESTING	\$103,080
600	RFIS/CHANGE REQUESTS/ALLOWANCE	\$33,584
700	PROJECT CLOSEOUT	\$23,164
OPT	OPTIONAL OWNERS ALLOWANCE	\$31,667
EXP	EXPENSES	\$5,000
	TOTAL	\$347,554



Table below shows the SUBCONSULTANT participation in the project by task.

Task #	Task Description	Task Budget	WSP	SUBCONSULTANT
10	WSP PROJECT MANAGEMENT AND COORDINATION	\$18,057.12	\$18,057	\$-
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION	\$32,344.00	\$-	\$32,344
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS	\$17,294.00	\$-	\$17,294
300	SHOP DRAWING REVIEW	\$22,760.00	\$-	\$22,760
400	WORKSHOPS	\$60,604.00	\$-	\$60,604
500	SYSTEM TESTING	\$103,080.00	\$-	\$103,080
600	RFIS/CHANGE REQUESTS/ALLOWANCE	\$33,584.00	\$-	\$33,584
700	PROJECT CLOSEOUT	\$23,164.00	\$-	\$23,164
OPT	OPTIONAL OWNERS ALLOWANCE	\$31,667.16	\$1,867	\$29,800
EXP	EXPENSES	\$5,000.00	\$-	\$5,000
	TOTAL	\$347,554.00	\$19,924	\$327,630



Attachement A

Subconsultant Proposal

Carollo Engineers, Inc.

ATTACHMENT 1 - SCOPE OF WORK

WSP / DELTONA WATER Task Order No. 2

Engineering Services During Constrution SCADA Upgrades

GENERAL

The following Scope of Work describes the Engineer's work associated with providing engineering services during construction (ESDC) to support the *Supervisory Control and Data Acquisition (SCADA)*System Improvement & Upgrades Water Treatment Plants (WTP's) & Well Sites for the Deltona Water (CITY) as a sub consultant to WSP as outlined in Task Order No. 01.

The CITY has requested the assistance of Carollo Engineers, Inc. (Consultant) to perform certain portions of the work, including managing construction phase documentation, performing submittal reviews, responding to Requests for Information (RFIs), developing and review change order and allowance releases, developing conformed contract documents, and record drawings associated with the ESDC.

PROJECT DESCRIPTION AND BACKGROUND

Carollo Engineers, Inc. completed the detailed engineering design for the *Supervisory Control and Data Acquisition (SCADA) System Improvement & Upgrades Water Treatment Plants (WTP's) & Well Sites* and the project is now moving into the construction phase. This project includes the replacement of the CITY's existing Wonderware SCADA software with VT SCADA, the replacement of obsolete PLCs and RTUs with the current CITY standard, the development of new HMI screens, the installation of firewalls, and the configuration of all equipment.

SCOPF OF WORK

Upon authorization to proceed from Deltona Water (CITY) and WSP, the Consultant shall provide the following identified services.

TASK 100 – PROJECT MANAGEMENT

Task 101 - PM Staffing assignments and review work progress

Project management includes coordination with the CITY, Resident Engineer (if present), and Contractor for task order administration, monthly progress status updates, and quality control and assurance.

The Consultant's project manager shall make staffing assignments, review work progress, coordinate project communication, and develop monthly progress reports to the Commission. The Consultant's project manager shall manage the budget, schedule, and invoicing.

Task 102 – Pre-construction Conference

The Consultant will attend the Pre-construction conference onsite and via Teams to kick off the construction phase of the project and coordinate with the Contractor's project management team.

Task 103 – Pay Requests

The Consultant will review monthly Contractor payment requests based on the field visits to confirm the installation status and accuracy of the invoice. The Consultant will authorize and process all invoices and coordinate with the Contractor and Commission for payment.

Deliverables:

- Monthly progress reports
- Monthly invoices
- Meeting minutes
- Contractor Applications for Payment

TASK 200 - PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS

Task 201 – Pre-Construction Support

The Consultant will review the bid proposal with Deltona Water, modify products or scope as required, and develop a more detailed parts list for the firewall deployment and meet with the equipment service providers to modify the design as necessary to meet the CITY needs. Modifications of the design will be incorporated into the conformed drawings that will be provided to the awarded contractor.

Task 202 - Conformed Construction Documents

The Consultant will conform the drawings and specifications to represent the revisions to the Bid Documents resulting from the modifications to the firewall supplier, PLC model and configuration requirements. The Consultant shall provide the following signed and sealed conformed construction drawings and technical specifications:

- Electronic format (PDF) to the CITY and Contractor
- 2 Hardcopy fullsize (34x22 inch) drawings and specifications to the CITY
- 2 Hardcopy fullsize (34x22 inch) drawings and specifications to the Contractor

Deliverables:

- Electronic (PDF) copy of Fullsize Drawings and Specifications digitally signed and sealed.
- 2 signed and sealed hardcopy fullsize (34x22 inch) drawings and specifications to the Commission.
- 2 signed and sealed hardcopy fullsize (34x22 inch) drawings and specifications to the Contractor.
- Electronic (PDF) copy of Fullsize (34x22 inch) drawings for the redesigned control room digitally signed and sealed.

TASK 300 – SHOP DRAWING REVIEW

The Consultant will coordinate the receipt and distribution of project submittals and shop drawings through the Consultant's Project Management system.

Task 3.1 - Show Drawing Review

The Consultant will review Shop Drawings for general conformance with the Contract Documents. The following is the anticipated submittals list:

Submittals List:

- 1. 01110 Summary of Work
- 2. 01116 Contract Document Language
- 3. 01140 Work Restrictions
- 4. 01220 Measurement and Payment
- 5. 01260 Contract Modification Procedures
- 6. 01292 Schedule of Values
- 7. 01294 Applications for Payment
- 8. 01312 Project Meetings
- 9. 01321 Schedules and Reports
- 10. 01330 Submittal Procedures
- 11. 01410 Regulatory Requirements
- 12. 01460 Contractor Quality Control Plan
- 13. 01500 Temporary Facilities and Controls
- 14. 01600 Product Requirements
- 15. 01756 Commissioning
- 16. 01770 Closeout Procedures
- 17. 01782 Operation and Maintenance Manuals
- 18. 01783 Warranties and Bonds
- 19. 02318 Trenching
- 20. 02952 Pavement Restoration and Rehabilitation
- 21. 03300 Cast-In-Place Concrete
- 22. 05190 Mechanical Anchoring and Fastening to Concrete and Masonry
- 23. 05500 Metal Fabrications
- 24. 16050 Common Work for Electrical
- 25. 16070 Hangers and Supports
- 26. 16075 Identification for Electrical Systems
- 27. 16123 600-Volt or Less Wires and Cables
- 28. 16130 Conduits
- 29. 16134 Boxes
- 30. 16136 Wireway
- 31. 16150 Low Voltage Wire Connections
- 32. 17050 Common Work Results for Process Control and Instrumentation Systems
- 33. 17100 Control Strategies
- 34. 17101 Specific Control Strategies
- 35. 17710 Control Systems: Panels, Enclosures, And Panel Components
- 36. 17720 Control Systems: Programmable Logic Controllers
- 37. 17721 Control Systems: Local Operator Interface (Loi)
- 38. 17730 Control Systems: Pcs Computer Equipment
- 39. 17733 Control Systems: Network Materials and Equipment
- 40. 17762 Control Systems: Pcs Software
- 41. 17950 Commissioning for Instrumentation and Controls

The Consultant will consolidate the review comments of all reviewers and assign a submittal disposition. Submittals will be available to the CITY, Contractor, and Resident Engineer.

Task 400 - Workshops

The Consultant will attend in person, and virtually through Microsoft Teams, project workshops and meetings as outlined in the project technical specifications. The Consultant will aid the Contractor in facilitating each workshop for communication between the Contractor and Commission and to ensure the intent of the project design is being met. Workshop scheduling will follow the Contractor's schedule and adhere to the requirements of the Contract Documents. The following is the anticipated listing of workshops, noting onsite or virtual attendance by the Consultant:

Progress Meetings

- Monthly 2-hour progress Meetings
- Monthly interim checking 1-hour coordination meeting.
- Construction Kick-off meeting
- Punch list coordination Meeting.
- Project Close-out Meeting.

Construction Workshops:

- Graphics Meeting 1: VT SCADA Pre-Implementation Meeting (teams)
- Control Logic Meeting 1: PLC Hardware and Control Logic Development Meeting (teams)
- Graphics Meeting 2: Graphics development. (Teams)
- Network Meeting 1: Cybersecurity Implementation Meeting (teams)
- Control Logic Meeting 2: Control Logic Standards review meeting (Teams)
- Network Meeting 2: Network development review and coordination (Teams)
- Software meeting 1: Electronic Security System Site Testing (teams)
- Graphics Meeting 3: VT SCADA Configuration Review (Teams)

Deliverables:

Meeting Minutes

Task 500 –System Testing:

Monthly meetings will be organized and run by the Contractor in accordance with the Contract Documents.

- 1. Factory Acceptance Test 1 WTP PLC's, cybersecurity appliances and camera equipment (integrators facility) (5 days)
- 2. Factory Acceptance Test 2 WWTP Graphics (integrators facility) (2 days)
- 3. WTP Performance testing (16 days onsite, 1 day per site)
- 4. Fisher Performance Testing (1 days onsite)
- 5. Alexander Performance Testing (1 days onsite)
- 6. Eastern Performance Testing (3 days onsite)
- 7. Final Testing Final Punchlist (5 days onsite)

The Consultant will attend one (1) 5 day Factory Acceptance Test at a local integrator's factory, for acceptance testing of control system panels and components before shipment to the project site. This test includes all PLC's and approximately nine (9) remote site control system RTUs. Subsequent factory

testing of WWTP graphics and other modifications to existing site graphics will be witnessed at the second factory acceptance test. Testing will be completed following the procedures provided by the Contractor or their Subcontractors. The Consultant will provide testing minutes, completed forms based on Contractor's submittal, and a listing of any deficiencies to be corrected before equipment shipment.

The Consultant will attend Performance Acceptance Tests (PAT) to provide startup and testing support for the entire project including each facility and equipment control systems, security system, and SCADA system configuration as performed by the Contractor and their Subcontractors to certify installation and operation is in accordance with the contract documents. The Consultant shall provide professional services associated with certifying that the work is substantially complete as follows:

- Review the Contractor's work and installation for completeness and conformance to the contract documents. Prepare a "punch-list" of work items incomplete or not in compliance with the contract documents for the Contractor to correct.
- Review the Contractor's software and programming work to ensure control systems meet the requirements of the contract documents.
- Review the Contractor's SCADA software and programming work to ensure the system is configured correctly and meets the requirements of the contract documents.
- Review the Contractor's physical security implementations to ensure security systems meet the requirements of the contract documents.
- Each site will not be visited to verify installation. Installation will be verified during site testing and inspections performed by the Resident Engineer.

The Consultant shall prepare and submit to the Contractor and Commission memoranda summarizing the startup testing process and listing the functions remaining to be tested or requiring retesting after each testing period. These memoranda shall serve as a punch-list of activities remaining prior to achieving substantial or final completion.

Deliverables:

- Completed Contractor provided test forms
- FAT Memorandum and Punchlist
- Electronic Security System Performance Testing Memorandum and Punchlist
- SCADA Performance Testing Memorandum and Punchlist
- PLC and RTU Performance Testing Memorandum and Punchlist
- Performance Acceptance Testing Memorandum and Punchlist
- Final Punchlist

Task 600 – RFIs / Change Requests / Allowances

Task 601 - Requests for Information (RFIs)

The Consultant will review RFIs submitted by the Contractor and provide written responses for review by the Commission and provide final responses to the Contractor. The Consultant will maintain the official RFI log for the Project. For this task an effort of approximately forty (40) RFIs are included.

Task 602 - Change Order Requests/Allowance Authorization Releases (AARs)

The Consultant will review requests from the Contractor for changes in Contract Price or Contract Time and provide written comments for review by the Commission. If reviewed and deemed acceptable, the

Consultant will prepare a written release or authorization, including any recommended revisions to requests for contract changes, to be signed by the Consultant and the Contractor and submitted to the Commission for final approval. For this task an effort of approximately two (2) allowance releases and ten (10) change order requests are included.

Deliverables:

- RFI Responses
- Change Order Request Responses and Approvals
- Allowance Authorizations

Task 700 - Project Close-Out

The Consultant and Resident Engineer will review Contractor's final as-built drawings for completeness and compliance with Commission requirements and the actual installation. The Resident Engineer shall provide written comments based on their review of the as-built drawings to the Consultant for inclusion in the Consultant's record drawing package. The Consultant will revise their contract drawings based on the Contractor's as-built data provided electronically to the Consultant for inclusion in their submittal of Final Record Drawings.

Deliverables

• Record drawings for the Commission, two electronic copies 1) one in AutoCAD (*.DWG) format, 2) one in PDF format signed and sealed.

ASSUMPTIONS AND SERVICES NOT INCLUDED.

The following assumptions were taken in development of this Amendment scope of work:

- Construction duration of approximately 12 months.
- Quantities of submittals, RFIs, change orders, allowances, workshops, and testing as outlined in the scope of work
- Consultant will have a minimum of one representative at any scheduled meeting
- Comments will be made by the Consultant on the Consultant's standard review form and directly on associated drawings where appropriate

The following services related to this scope of work are not included as a part of this project:

- Development of drawings not listed
- Programming or integration services
- Additional design services

DELTONA WATER AND CONTRACTOR RESPONSIBILITIES

- Contractor to provide project schedule identifying major milestones, workshops, tests, deadlines
 and deliverable dates. The Contractor shall notify the Consultant of any schedule changes at the
 monthly progress meeting.
- Contractor to provide general project management.
- Deltona Water to provide a dedicated project manager or single point of contact.
- Allow the Consultant a minimum of 10 working days to respond to Contractor submittals and requests for information.

SCHEDULE

The Consultant shall proceed with the services identified in this Amendment upon receipt of an executed copy of this proposal and formal Notice-to-Proceed from WSP. The projected schedule for the performance of services described herein will be coordinated with the Contractor based upon their submitted schedule and is anticipated to be a 1 year effort.

COMPENSATION

Work will be completed on a time and materials cost basis with a not to exceed fee. The total not-to-exceed fee for the Scope of Services described above is \$297,830.00 or \$327,630.00 with a 10% owner's allowance for unforeseen cost overruns. Owner's allowance will require written permission from the CITY to utilize during the course of the project. Any modifications to this scope and fee will be coordinated with Deltona Water and executed via an Amendment to the Contract. A detailed fee estimate is included in Attachment 2.

Attachment 2 - CAROLLO ENGINEERING SERVICES FEE

	IGINEERS INC Engineering Services Fee r ESDC SCADA Upgrades		or Professional	ead Project Professional	Project Professional	Asst Prof II	Asst Prof I	Senior Technician	Document Processing/Clerical	Total Hours	Total Labor Cost (Not-to- Exceed)
Engineering S	Services		Senior	-ead	roje	Asst	Asst	Senic	Docu	otal	otal
Liiginiooriiig	33171000	Labor Rate		\$ 280.00	\$ 261.00	\$ 215.00	\$ 152.00	\$ 161.00	\$ 140.00		
TASK	TASK DESCRIPTION		•	,		,	,		,		
100	PROJECT MANAGEMENT										
100.1	PM Staffing assignments and review work progress					80			12	92	\$ 18,880.00
100.2	Pre-Construction Conference		8			8	12			28	\$ 6,264.00
100.3	Pay Requests		6			24				30	\$ 7,200.00
		Subtotal Task 100	14	0	0	112	12	0	12	150	\$ 32,344.00
TASK											
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS										
200.1	Pre-Construction Support		8			2	12		4	26	\$ 5,534.00
200.2	Conformed Construction Documents		8			4	12	36	4	64	\$ 11,760.00
		Subtotal Task 200	16	-	ı	6	24	36	8	90	\$ 17,294.00
TASK											
300	SHOP DRAWING REVIEW										
300.1	Shop Drawing Review		16			24	80			120	
		Subtotal Task 300	16	-	ı	24	80	-	-	120	\$ 22,760.00
TASK											
400	Workshops										
	Progress Meetings		60			60	60			180	
400.2	Construction Workshops		24			24	32			80	
		Subtotal Task 400	84	0	0	84	92	0	0	260	\$ 60,604.00
TASK											
500	System Testing										
500.1	Field Testing		120			120	240			480	
		Subtotal Task 500	120	0	0	120	240	0	0	480	\$ 103,080.00
TASK											
600	RFIs / Change Requests / Allowances										
	Requests for Information (RFIs)		24			12	80	8	8	132	
600.2	Change Order Requests/Allowance Authorization Releases (AARs)		4			4	24	8	8	48	
		Subtotal Task 600	28	0	0	16	104	16	16	180	\$ 33,584.00
TASK											
700	Project Close Out										
700.1	Project Close Out		12			16		60	8		\$ 23,164.00
ODTIONAL	(400/)	Subtotal Task 700	12	-	-	16	32	60	8	-	\$ 23,164.00
OPTIONAL	Owners Allowance (10%)	LLO ENCINEEDO INO V	200			270	504	440	4.1	4 000	\$ 29,800.00
Exercise 2.2	Total Project Hours and Labor Costs (CARO	LLO ENGINEERS INC.)	290	-	-	378	584	112	44	1,280	
Expenses	Travel, Mileage, Meals, Printing										\$ 5,000.00
	TOTAL MOT	TO EVOCED CO.									£ 007 000 00
		-TO-EXCEED FEE									\$ 297,830.00
	TOTAL NOT-TO-EXCEED FEE W	IIH ALLOWANCE									\$ 327,630.00



Attachement B

Detailed Cost Estimate

ATTACHMENT B

Task Order No. 2A

Water Treatment Plant SCADA / Security Improvements Upgrades

WSP USA - Estimated Project Budget

TABLE B-1. WSP LABOR BUDGET

				Personnel Classification, Contract Labor Rate (\$/hr), Person-Hours and Cost						
				P-14	P-13	P-12	P-11	P-10	P-09	P-08
				Senior	Senior Supervising	Supervising	Lead Engineer	Project	Engineer II/Project	Engineer I
				Engineering	Engineer	Engineer		Engineer/Sr.	Accountant II	
				Manager				Project		
Task #	Task Description	Task Labor Hours	Task Labor Cost	\$ 321.83	3 \$ 290.57	\$ 242.69	\$ 210.16	\$ 176.55	\$ 144.96	131.88
10	WSP PROJECT MANAGEMENT AND COORDINATION	66	\$ 18,057	48	-	-	-	-	18	-
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION									
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS	-	\$ -	-	-	-	-	-	-	-
300	SHOP DRAWING REVIEW	-	\$ -	-	-	-	-	-	-	-
400	WORKSHOPS	-	\$ -	-	-	-	-	-	-	-
500	SYSTEM TESTING	-	\$ -	-	-	-	-	-	-	-
600	RFIS/CHANGE REQUESTS/ALLOWANCE	-	\$ -	-		-	-	-	-	-
700	PROJECT CLOSEOUT	-	\$ -	-	-	-	-	-	-	-
OPT	OPTIONAL OWNERS ALLOWANCE	8	\$ 1,867		4 -	-	-	-	4	-
EXP	Expenses	-	\$ -	-	-	-	-	-	-	-
	TOTAL LABOR HOURS	74		5	2 -	-	-	-	22	-
	TOTAL LABOR COST (\$)		\$ 19,924.28	\$ 16,735.1	6 \$ -	\$ -	\$ -	\$ -	\$ 3,189.12 \$	-

TABLE B-2. WSP DIRECT COST BUDGET

				Direct Cost Categories, Unit Rates, Number Required or Estimated Budget Per Task						
Task #	Task Description	Task Direct Cost	8.5x11 B&W Copy (each) \$0.050	8.5x11 Color Copy (each) \$0.30	11x17 B&W Copy (each) \$0.10	11x17 Color Copy (each) \$0.30	Travel (per mile) \$0.550	Courier Packages (at cost)	USPS Mailings (at cost)	Field Equipment (at cost)
10	WSP PROJECT MANAGEMENT AND COORDINATION	¢ -	30.030	70.30	30.10	70.30	30.550	(at cost)	(at cost)	(at cost)
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION	\$ -								
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS	\$ -								
300	SHOP DRAWING REVIEW	\$ -								
400	WORKSHOPS	\$ -								
500	SYSTEM TESTING	\$ -								
600	RFIS/CHANGE REQUESTS/ALLOWANCE	\$ -								
700	PROJECT CLOSEOUT	\$ -								
OPT	OPTIONAL OWNERS ALLOWANCE	\$ -								
EXP	Expenses	\$ -								
	TOTAL NUMBER OF UNITS	-	-	-	-	-	-	-	-	-
	TOTAL DIRECT COST (\$)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

WSP USA Inc.
August 23, 2021

ATTACHMENT B

Task Order No. 2A

Water Treatment Plant SCADA / Security Improvements Upgrades WSP USA - Estimated Project Budget

TABLE B-3. SUBCONSULTANT BUDGET

Task #	Task Description	Subconsultant Budget	Carollo Engineers
10	WSP PROJECT MANAGEMENT AND COORDINATION	\$ -	\$ -
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION	\$ 32,344	\$ 32,344
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS	\$ 17,294	\$ 17,294
300	SHOP DRAWING REVIEW	\$ 22,760	\$ 22,760
400	WORKSHOPS	\$ 60,604	\$ 60,604
500	SYSTEM TESTING	\$ 103,080	\$ 103,080
600	RFIS/CHANGE REQUESTS/ALLOWANCE	\$ 33,584	\$ 33,584
700	PROJECT CLOSEOUT	\$ 23,164	\$ 23,164
OPT	OPTIONAL OWNERS ALLOWANCE	\$ 29,800	\$ 29,800
EXP	Expenses	\$ 5,000	\$ 5,000
	Total Subconsultant Cost	\$ 327,630	\$ 327,630

TABLE B-4. WSP TOTAL BUDGET SUMMARY

			Task		WSP		consultant
Task #	Task Description		Total Budget		Labor Cost		
10	WSP PROJECT MANAGEMENT AND COORDINATION		\$ 18,057	\$	18,057	\$	-
100	CAROLLO PROJECT MANAGEMENT AND COORDINATION		\$ 32,344	\$	-	\$	32,344
200	PRELIMINARY CONSTRUCTION AND CONTRACT DOCUMENTS		\$ 17,294	\$	-	\$	17,294
300	SHOP DRAWING REVIEW		\$ 22,760	\$	-	\$	22,760
400	WORKSHOPS		\$ 60,604	\$	-	\$	60,604
500	SYSTEM TESTING		\$ 103,080	\$	-	\$	103,080
600	RFIS/CHANGE REQUESTS/ALLOWANCE		\$ 33,584	\$	-	\$	33,584
700	PROJECT CLOSEOUT		\$ 23,164	\$	-	\$	23,164
OPT	OPTIONAL OWNERS ALLOWANCE		\$ 31,667	\$	1,867	\$	29,800
EXP	Expenses		\$ 5,000	\$	-	\$	5,000
	TOTAL BUDGET	-	\$ 347,554	\$	19,924	\$	327,630

WSP USA Inc.
August 23, 2021