GUAM WATERWORKS AUTHORITY
"Better Water. Better Lives."
Gloria B. Nelson Public Service Building | 688 Route 15, Mangilao, Guam 96913
Telephone No.: (671) 300-6058

Invitation For Bid: IFB-02-ENG-2024
Pressure Zone Realignment Phase II
GWA Project No. W18-001-BND

Addendum No.: 05

Date: June 21, 2024

All Potential Bidders:

This addendum is issued to modify the previously issued bid documents. Failure to acknowledge receipt of this addendum shall be grounds for the bidder's disqualification and rejection of the bidder's proposal.

1. **Bid Documents – Insert after 00900 Procurement Checklist and Appendices attached Exhibit A Justification for Specifying Rockwell Automation for SCADA.**

2. **Bid Documents – 00410 Bid Form shall be replaced in its entirety with attached Exhibit B 00410 Bid Form revision.**

3. **Bid Documents – Invitation for Bid and other sections of the bid documents where applicable:**

   Request for Information (RFI) deadline has been extended from June 17, 2024 to **close of business on June 28, 2024.**

   Bid acceptance deadline has also been extended from 10am ChST on July 1, 2024 to **10am ChST on July 26, 2024**.

   Submit one original and one copy for bid documents.

Bidders are also notified to visit the GWA website, http://guamwaterworks.org/bids/ to ensure that addenda to the bid, answers to questions, and reminders communicated to bidders throughout the solicitation process.

MIGUEL C. BORDALLO, P.E.
General Manager

cc: MCB;JGC

EXHIBIT A

Justification for Specifying Rockwell Automation for SCADA

GUAM WATERWORKS AUTHORITY
Gloria B. Nelson Public Service Building | 688 Route 15 | Mangilao, Guam 96913

Justification for Specifying Brands manufactured by Rockwell Automation for the SCADA System as Standard Equipment and Software

Introduction

Guam Waterworks Authority (GWA) is currently undertaking a transformative initiative to implement a comprehensive Supervisory Control and Data Acquisition (SCADA) system. This system aims to enhance the monitoring and management of GWA's extensive water and wastewater infrastructure, comprising 120 Deep Wells, 28 Water Booster Pump Stations, 33 Reservoirs, 1 Water Treatment Plant, 84 Wastewater Pump Stations, 6 Wastewater Treatment Plants, and various Pressure Regulating Valve Stations.

Current State Analysis

Currently, GWA operates a diverse array of Supervisory Control and Data Acquisition system (SCADA) hardware and software solutions across its facilities, leading to operational challenges in terms of maintenance, training, and spare parts management. Managing disparate systems across multiple facilities has become increasingly unsustainable from both cost and operational efficiency standpoints.

Rationale for Standardization

At Federal Emergency Management Authority's recommendation to standardize the Supervisory Control and Data Acquisition system, the following is a rationale for standardizing the GWA SCADA system with Rockwell Automation:

1. **Rockwell Automation Brands are currently in use and were incorporated into GWA's recently upgraded Critical Treatment Facilities**

   GWA has invested approximately $4 million in Rockwell Automation SCADA systems for the new Agat Santa Rita and Northern District Wastewater Treatment Plants in the last five (5) years. Furthermore, GWA also invested $1 million in the Rockwell Automation SCADA system installed in the Hagatna Wastewater Treatment Plant in 1996. Considering recent

major system upgrades at the Agat Santa Rita and Northern District Wastewater Treatment Plants, where Rockwell Automation SCADA systems were implemented plant-wide, the imperative for standardization becomes more evident. To ensure the optimal operation and maintenance of these upgraded facilities, it is critical to provide GWA technicians with comprehensive training and support in utilizing Rockwell Automation equipment and software.

2. **Optimizing Training and Enhancing Expertise**

   The diverse array of SCADA hardware and software solutions across GWA facilities places a heavy burden on training efforts on multiple hardware and software platforms. Consolidating to a single platform, such as Rockwell Automation, significantly simplifies training requirements by focusing resources on one platform. This approach not only reduces training costs but also accelerates the learning curve for technicians, enabling them to develop deeper expertise in utilizing Rockwell Automation solutions. By standardizing on Rockwell Automation products for SCADA hardware and software, GWA ensures that its workforce is equipped with the necessary skills to operate and maintain the SCADA system efficiently, thereby optimizing resource allocation and enhancing operational readiness.

3. **Simplifying Software Licensing and Synergistic Interoperable Performance**

   By selecting products from the same manufacturer, GWA can capitalize on the seamless integration and interoperability inherent within the Rockwell Automation product family. This synergy enables GWA to fully leverage the capabilities of both hardware and software components, optimizing system performance and functionality. Furthermore, standardized solutions from Rockwell Automation are designed to work cohesively, minimizing compatibility issues and ensuring seamless communication between devices. This holistic approach to system design not only simplifies deployment and configuration but also enhances scalability and flexibility, enabling GWA to adapt to evolving operational requirements with ease. By harnessing the full potential of integrated hardware and software solutions, GWA maximizes the value of its SCADA investment and lays a foundation for long-term success in water and wastewater management.

   Additionally, by standardizing on Rockwell Automation, GWA eliminates the need to purchase multiple development software packages for application development and maintenance across the different SCADA platforms, further reducing costs and simplifying system management.

4. Mitigating and Responding to Cybersecurity Threats

In addition to operational efficiency considerations, the standardization of Rockwell Automation hardware and software is also motivated by the imperative to enhance cybersecurity resilience. With the proliferation of cyber threats targeting critical infrastructure, such as water and wastewater systems, a standardized SCADA platform enables GWA to implement robust cybersecurity measures consistently across all facilities. By maintaining uniformity in cybersecurity protocols, threat detection mechanisms, and response strategies, GWA can mitigate the risks posed by emerging cyber threats more effectively. This proactive approach to cybersecurity underscores the importance of standardization in safeguarding GWA's infrastructure and ensuring continuous service delivery to the community.

Determination to Standardize

Because of the reasoning set forth above, GWA intends to specify equipment and software manufactured by Rockwell Automation for GWA's SCADA System until otherwise determined.

Based on the forgoing, GWA has determined the Territory of Guam ratepayers and the interests of the People of Guam will be best served by specifying equipment and software brands manufactured by Rockwell Automation for a system-wide SCADA system as it will save GWA time and money, and improve water and wastewater system reliability and performance to engage in the standardization program outlined above.

Dated this 14th day of June, 2024.

Miguel C. Bordallo, P.E.
General Manager

cc: Procurement File

EXHIBIT B

Revised Section 00410

TABLE OF CONTENTS

BID FORM

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

Guam Waterworks Authority
Gloria B. Nelson Public Service Building
688 Route 15, Mangilao, Guam 96913

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with Buyer in the form included in the Bidding Documents to furnish the Goods and Special Services as specified or indicated in the Bidding Documents, for the prices and within the times indicated in this Bid, and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Buyer.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, the related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.	Addendum Date

B. Bidder has visited the Point of Destination and site where the Goods are to be installed or Special Services will be provided and become familiar with and is satisfied as to the observable local conditions that may affect cost, progress, or the furnishing of Goods and Special Services, if required to do so by the Bidding Documents, or if, in Bidder's judgment, any local condition may affect cost, progress, or the furnishing of Goods and Special Services.

C. Bidder is familiar with and is satisfied as to all Laws and Regulations in effect as of the date of the Bid that may affect cost, progress, and the furnishing of Goods and Special Services.

D. Bidder has carefully studied, considered, and correlated the information known to Bidder; information commonly known to sellers of similar goods doing business in the locality of the Point of Destination and the site where the Goods will be installed or where Special Services will be provided; information and observations obtained from Bidder's visits, if any, to the Point of Destination and the site where the Goods will be installed or Special Services will be provided; and any reports and drawings identified in the Bidding Documents regarding the Point of Destination and the site where the Goods will be installed or where Special Services will be provided, with respect to the effect of such information, observations, and documents on the cost, progress, and performance of Seller's obligations under the Bidding Documents.

E. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution (if any) thereof by Engineer is acceptable to Bidder.

F. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for furnishing the Goods and Special Services for which this Bid is submitted.

ARTICLE 4 - BIDDER'S CERTIFICATIONS

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Buyer, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Buyer of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Buyer, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process.

ARTICLE 5 - BASIS OF BID

5.01 Bidder will furnish the Goods and Special Services in accordance with the Contract Documents for the following price(s):

BID SCHEDULE

Interested Bidders must complete Table A. All blanks in the tables must be filled out.

Definitions:

LS = lump sum

TABLE A
BID SCHEDULE

(BASE BID ITEMS NO. 1 – 21)

Item No.	Description	Quantity	Unit	Extended Amount
1.	Mobilization, as specified in the Contract Documents.	1	LS	$ _____
2.	Bonds and Permits	1	LS	$ _____
3.	Insurance (COI and corresponding insurance policies are required)	1	LS	$ _____
4.	Training budget (SCADA, meters, control valve, and pump manufacturer training off-island including training cost, airfare, hotel, car rental and per diem)	1	LS	$ 120,000
5.	Preparation and Approval of the Archaeological Monitoring and Discovery and Data Recovery Plan for 15 sites by State Historic Preservation Office	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
6.	Asan Meter:			
	6.1 Traffic control	1	LS	$ _____
	6.2 Stainless steel meter box	1	LS	$ _____
	6.3 20” meter	1	LS	$ _____
	6.4 Concrete pedestal	1	LS	$ _____
	6.5 Site and pavement restoration	1	LS	$ _____
	6.6 Commissioning/demonstration	1	LS	$ _____
	6.7 Site survey	11	LS	$ _____
	6.8 Archaeological monitoring	1	LS	$ _____
	6.9 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____
7.	Talofofo Meter:			
	7.1 Traffic control	1	LS	$ _____
	7.2 Meter vault installation	1	LS	$ _____
	7.3 Meter, piping and connections	1	LS	$ _____
	7.4 Stainless steel meter box	1	LS	$ _____
	7.5 Concrete pedestal	1	LS	$ _____
	7.6 Vault cover and ladder rungs	1	LS	$ _____
	7.7 Site and pavement restoration	1	LS	$ _____
	7.8 Potholing	1	LS	$ _____
	7.9 Commissioning/demonstration	1	LS	$ _____
	7.10 Site survey	1	LS	$ _____
	7.11 Archaeological monitoring	1	LS	$ _____
	7.12 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____
8.	Sinajana Meter:			
	8.1 Traffic control	1	LS	$ _____
	8.2 Meter vault installation	1	LS	$ _____
	8.3 Meter, piping and connections	1	LS	$ _____
	8.4 Stainless steel meter box	1	LS	$ _____
	8.5 Concrete pedestal	1	LS	$ _____
	8.6 Vault cover and ladder rungs	1	LS	$ _____
	8.7 Site and pavement restoration	1	LS	$ _____
	8.8 Potholing	1	LS	$ _____
	8.9 Commissioning/demonstration	1	LS	$ _____
	8.10 Site survey	1	LS	$ _____
	8.11 Archaeological monitoring	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
9.	East Agana Meter:			
	9.1 Traffic control	1	LS	$ _____
	9.2 Meter vault installation	1	LS	$ _____
	9.3 Meter, piping and connections	1	LS	$ _____
	9.4 Stainless steel meter box	1	LS	$ _____
	9.5 Concrete pedestal	1	LS	$ _____
	9.6 Vault cover and ladder rungs	1	LS	$ _____
	9.7 Site and pavement restoration	1	LS	$ _____
	9.8 Potholing	1	LS	$ _____
	9.9 Commissioning/demonstration	1	LS	$ _____
	9.10 Site survey	1	LS	$ _____
	9.11 Archaeological monitoring	1	LS	$ _____
	Subtotal	1	LS	$ _____
10.	Dairy Road PRSV:			
	10.1 Potholing	1	LS	$ _____
	10.2 Traffic control	1	LS	$ _____
	10.3 Abandonment of pipe	1	LS	$ _____
	10.4 Vault	1	LS	$ _____
	10.5 Vents	1	LS	$ _____
	10.6 12” PRSV	1	LS	$ _____
	10.7 12” meter	1	LS	$ _____
	10.8 Piping and connections	1	LS	$ _____
	10.9 Electrical system	1	LS	$ _____
	10.10 SCADA, instrumentation and controls	1	LS	$ _____
	10.11 Fencing	1	LS	$ _____
	10.12 Commissioning/demonstration	1	LS	$ _____
	10.13 Site and pavement restoration	1	LS	$ _____
	10.14 Site survey	1	LS	$ _____
	10.15 Archaeological monitoring	1	LS	$ _____
	10.16 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
11.	Army Drive PRSV:			
	11.1 Potholing	1	LS	$ _____
	11.2 Traffic control	1	LS	$ _____
	11.3 Abandonment of pipe	1	LS	$ _____
	11.4 Vault	1	LS	$ _____
	11.5 Vents	1	LS	$ _____
	11.6 8" PRSV	1	LS	$ _____
	11.7 12" PRSV	1	LS	$ _____
	11.8 8" meter	1	LS	$ _____
	11.9 12" meter	1	LS	$ _____
	11.10 Piping and connections	1	LS	$ _____
	11.11 Electrical system	1	LS	$ _____
	11.12 SCADA, instrumentation and controls	1	LS	$ _____
	11.13 Fiber optic connection	1	LS	$ _____
	11.14 Fencing	1	LS	$ _____
	11.15 Commissioning/demonstration	1	LS	$ _____
	11.16 Site and pavement restoration	1	LS	$ _____
	11.17 Site survey	1	LS	$ _____
	11.18 Archaeological monitoring	1	LS	$ _____
	Subtotal	1	LS	$ _____
12.	Tri-Intersection PRV Abandonment:			
	12.1 16" PRV removal	1	LS	$ _____
	12.2 Pipe and valve removal	1	LS	$ _____
	12.3 Pipe and connections	1	LS	$ _____
	12.4 Tiyan Waterline Abandonment	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
13.	Gayinero PRSV:			
	13.1 Potholing	1	LS	$ _____
	13.2 Traffic control	1	LS	$ _____
	13.3 Abandonment of pipe	1	LS	$ _____
	13.4 Vault	1	LS	$ _____
	13.5 Vents	1	LS	$ _____
	13.6 12” meter	1	LS	$ _____
	13.7 12” PRSV	1	LS	$ _____
	13.8 Piping and connections	1	LS	$ _____
	13.9 Electrical system	1	LS	$ _____
	13.10 SCADA, instrumentation and controls	1	LS	$ _____
	13.11 Fiber optic connection	1	LS	$ _____
	13.12 Fencing	1	LS	$ _____
	13.13 Commissioning/demonstration	1	LS	$ _____
	13.14 Site and pavement restoration	1	LS	$ _____
	13.15 Site survey	1	LS	$ _____
	13.16 Archaeological monitoring	1	LS	$ _____
	Subtotal	1	LS	$ _____
14.	Route 15 Connection:			
	14.1 Potholing	1	LS	$ _____
	14.2 Traffic control	1	LS	$ _____
	14.3 Piping and connections	1	LS	$ _____
	14.4 Site and pavement restoration	1	LS	$ _____
	14.5 Site survey	1	LS	$ _____
	14.6 Archaeological monitoring	1	LS	$ _____
	14.7 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
15.	Larson Road PRSV/Meter			
	15.1 Potholing	1	LS	$ _____
	15.2 Traffic control	1	LS	$ _____
	15.3 Abandonment of pipe	1	LS	$ _____
	15.4 Vault	1	LS	$ _____
	15.5 Vents	1	LS	$ _____
	15.6 6" meter	1	LS	$ _____
	15.7 6" PRSV	1	LS	$ _____
	15.8 Piping and connections	1	LS	$ _____
	15.9 Electrical system	1	LS	$ _____
	15.10 SCADA, instrumentation and controls	1	LS	$ _____
	15.11 Fiber optic connection	1	LS	$ _____
	15.12 Fencing	1	LS	$ _____
	15.13 Commissioning/demonstration	1	LS	$ _____
	15.14 Site and pavement restoration	1	LS	$ _____
	15.15 Site survey	1	LS	$ _____
	15.16 Archaeological monitoring	1	LS	$ _____
	15.17 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____
16.	Nimitz Hill Waterline and PRSV			
	16.1 Potholing	1	LS	$ _____
	16.2 Traffic control	1	LS	$ _____
	16.3 Abandonment of pipe	1	LS	$ _____
	16.4 Vault	1	LS	$ _____
	16.5 Vents	1	LS	$ _____
	16.6 6" PRSV	1	LS	$ _____
	16.7 Piping and connections	1	LS	$ _____
	16.8 Waterline replacement	1	LS	$ _____
	16.9 Service and waterline connections	1	LS	$ _____
	16.10 Commissioning/demonstration	1	LS	$ _____
	16.11 Site and pavement restoration	1	LS	$ _____
	16.12 Site survey for PRSV	1	LS	$ _____
	16.13 Archaeological monitoring	1	LS	$ _____
	16.14 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
17.	Latte Height PRSV			
	17.1 Potholing	1	LS	$ _____
	17.2 Traffic control	1	LS	$ _____
	17.3 Infill walls	1	LS	$ _____
	17.4 Piping and connections	1	LS	$ _____
	17.5 8" PRSV	1	LS	$ _____
	17.6 8" meter	1	LS	$ _____
	17.7 Electrical system	1	LS	$ _____
	17.8 SCADA, instrumentation and controls	1	LS	$ _____
	17.9 Fiber optic connection	1	LS	$ _____
	17.10 Commissioning/demonstration	1	LS	$ _____
	17.11 Site and pavement restoration	1	LS	$ _____
	17.12 Valve vault hatch replacement	1	LS	$ _____
	17.13 Fence fabric and gate replacemen	1	LS	$ _____
	17.14 ACP disposal	1	LS	$ _____
	17.15 Site survey	1	LS	$ _____
	17.16 Archaeological monitoring	1	LS	$ _____
	17.17 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____
18.	Hawaiian Rock PRSV			
	18.1 Potholing	1	LS	$ _____
	18.2 Traffic Control	1	LS	$ _____
	18.3 Abandonment of pipe	1	LS	$ _____
	18.4 Vault	1	LS	$ _____
	18.5 Vents	1	LS	$ _____
	18.6 16" PRSV	1	LS	$ _____
	18.7 16" meter	1	LS	$ _____
	18.8 Piping and connections	1	LS	$ _____
	18.9 Electrical system	1	LS	$ _____
	18.10 SCADA, instrumentation and controls	1	LS	$ _____
	18.11 Fiber optic connection	1	LS	$ _____
	18.12 Fencing	1	LS	$ _____
	18.13 Commissioning/demonstration	1	LS	$ _____
	18.14 Site and pavement restoration	1	LS	$ _____
	18.15 Site survey	1	LS	$ _____
	18.16 Archaeological monitoring	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
19.	Mangilao Tanks Meter Vault			
	19.1 Potholing	1	LS	$ _____
	19.2 Traffic control	1	LS	$ _____
	19.3 Check valve vault	1	LS	$ _____
	19.4 Meter vault	1	LS	$ _____
	19.5 Vents	1	LS	$ _____
	19.6 12" check valve	1	LS	$ _____
	19.7 10" meter	1	LS	$ _____
	19.8 12" meter	1	LS	$ _____
	19.9 Level control valve and piping	1	LS	$ _____
	19.10 Sensing line	1	LS	$ _____
	19.11 Outlet pipe connections to tanks	1	LS	$ _____
	19.12 Piping and connections	1	LS	$ _____
	19.13 Control building	1	LS	$ _____
	19.14 Electrical system	1	LS	$ _____
	19.15 SCADA, instrumentation and controls	1	LS	$ _____
	19.16 Commissioning/demonstration	1	LS	$ _____
	19.17 Site and pavement restoration	1	LS	$ _____
	19.18 Site survey	1	LS	$ _____
	19.19 Archaeological monitoring	1	LS	$ _____
	19.20 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____
20.				
	Volcano PRSV:			
	20.1 Potholing	1	LS	$ _____
	20.2 Traffic control	1	LS	$ _____
	20.3 Abandonment of pipe	1	LS	$ _____
	20.4 Vault	1	LS	$ _____
	20.5 Vents	1	LS	$ _____
	20.6 8" PRSV	1	LS	$ _____
	20.7 8" meter	1	LS	$ _____
	20.8 Piping and connections	1	LS	$ _____
	20.9 Electrical system	1	LS	$ _____
	20.10 SCADA, instrumentation and controls	1	LS	$ _____
	20.11 Fencing	1	LS	$ _____
	20.12 Commissioning/demonstration	1	LS	$ _____
	20.13 Site and pavement restoration	1	LS	$ _____
	20.14 Site survey	1	LS	$ _____
	20.15 Archaeological monitoring	1	LS	$ _____
	20.16 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____

Item No.	Description	Quantity	Unit	Extended Amount
21.	Pago Bay PRSV:			
	21.1 Potholing	1	LS	$ _____
	21.2 Traffic control	1	LS	$ _____
	21.3 Abandonment of pipe	1	LS	$ _____
	21.4 Vault	1	LS	$ _____
	21.5 Vents	1	LS	$ _____
	21.6 16" PRSV	1	LS	$ _____
	21.7 16" meter	1	LS	$ _____
	21.8 Piping and connections	1	LS	$ _____
	21.9 Electrical system	1	LS	$ _____
	21.10 SCADA, instrumentation and controls	1	LS	$ _____
	21.11 Commissioning/demonstration	1	LS	$ _____
	21.12 Site and pavement restoration	1	LS	$ _____
	21.13 Site survey	1	LS	$ _____
	21.14 Archaeological monitoring	1	LS	$ _____
	21.15 Biological survey	1	LS	$ _____
	Subtotal	1	LS	$ _____

Table A Base Bid Subtotal $_____

TOTAL BASE BID PRICE FOR THE BID SCHEDULE

For the lump sum of

$_____

(Price in Figures)

_____

(Price in Words)

This Contract will be awarded to the lowest responsive and responsible bidder based on the total Base Bid Schedule. Determination of the lowest responsive and responsible bidder will be in accordance with the provisions of the Bid Documents.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents. Bidder also acknowledges that each unit price includes an amount considered by Bidder to be adequate to cover Bidder's overhead and profit for each separately identified item.

ARTICLE 6 - TIME OF COMPLETION

6.01 Bidder agrees that the furnishing of Goods and Special Services will conform to the schedule set forth in Article 5 of the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 - ATTACHMENTS TO THIS BID

7.01 The following documents are attached to and made a condition of this Bid:

A. Required Bid security in the form of _____.

B. List of Proposed Major Suppliers;

C. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____ _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____

(Signature of general partner - attach evidence of authority to sign)

Name (typed or printed): _____

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service, other): _____

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(CORPORATE SEAL)

Attest _____

(Signature of Corporate Secretary)

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____

A Limited Liability Company (LLC)

LLC Name: _____

State in which organized: _____

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____

A Joint Venture

First Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____

(Signature - attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

_____

Phone: _____ Facsimile: _____

E-mail address: _____

Phone and Facsimile Number, and Address for receipt of official communications to Joint Venture: _____

_____

_____

(Each joint venturer must sign. The manner of signing for each individual, partnership, corporation, and limited liability company that is a party to the joint venture should be in the manner indicated above.)