



**Request for Proposal
Phase 6 SSES Project Addendum No. 5 to
RFP No. 197414.78.0070
January 18, 2018**



The following information encompasses Addendum No. 5 for the above referenced RFP. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Proposal. Failure to do so may result in the rejection of the Proposal.

Section 1 – Updated Table of Contents

Section 2 – Updated 00180.3 Scope of Work

Section 3 – Updated 00180.4 Proposal Submission Instructions Proposal Due Date

Section 4 – Updated 00180.17 Selection Schedule

Section 5 – Updated Table 00380.1 Unit Price Proposal Form

Section 6 – Updated 00585 Safety, Health, and Accident Prevention

All other conditions and requirements remain unchanged.

**Section 1
Updated Table of Contents**

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**Section 2
Updated 00180.3 Scope of Work**

00180 - Request for Proposal

00180.1 Introduction

This Request for Proposal ("RFP") is comprised of the documents listed below:

- 197414.78.0070 Complete RFP // pdf Format
- 197414.78.0070 00380 Proposal Fill-In Form // xls Format

00180.2 Project Overview

The Program consists of the management of the capital program needed to bring the city's wastewater and sewer system into compliance with federal and state regulations per The City of Memphis Wastewater Collection and Transmission System (WCTS) Condition Assessment and Rehabilitation Program Consent Decree signed on September 21, 2012, including the procurement of studies, design and construction services associated with the City of Memphis SARP10 Program.

00180.3 Scope of Work

The scope of work for this RFP is as follows:

Horn Lake Interceptor (HL01-1, NO01, NO02)

Service Contractor 78.0070 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the sanitary sewer lines and manholes in the assigned Phase 6 Area. This work would consist of smaller diameter assessment in residential and easement locations as well as large diameter interceptor assessment. The Horn Lake Interceptor Tributaries (HL01-1, NO01, and NO02) would be assigned to Service Contractor 78.0070.

Nonconnah Interceptor (NO03, NO04, NO05, NO06, NO07, NO08)

Service Contractor 78.0071 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the sanitary sewer lines and manholes in the assigned Phase 6 Area. This work would consist of smaller diameter assessment in residential and easement locations as well as large diameter interceptor assessment. The Nonconnah Interceptor Tributaries (NO03, NO04, NO05, NO06, NO07, and NO08) would be assigned to Service Contractor 78.0071.

~~Nonconnah North Tributaries (NN03-1, NN03-2, NS01)~~ Northern Reserve Area

Service Contractor 78.0072 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the sanitary sewer lines and manholes in the assigned Phase 6 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The ~~Nonconnah North Tributaries (NN03-1, NN03-2, and NS01)~~ Northern Reserve Area would be assigned to Service Contractor 78.0072.

~~Nonconnah South Tributaries (NS03, NS04, NS05-1)~~ East Cordova Reserve Area

Service Contractor 78.0073 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the sanitary sewer lines and manholes in the assigned Phase 6 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The ~~Nonconnah South Tributaries (NS03, NS04, and NS05-1)~~ East Cordova Reserve Area would be assigned to Service Contractor 78.0073.

Horn Lake South Tributaries (NS02-2, HL01)

Service Contractor 78.0074 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the sanitary sewer lines and manholes in the assigned Phase 6 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The Horn Lake South Tributaries (NS02-2 and HL01) would be assigned to Service Contractor 78.0074.

Purchaser reserves the right to combine or split the stated Service Contracts above.





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**Section 3
Updated 00180.4 Proposal Submission Instructions Proposal Due Date**

00180.4 Proposal Submission Instructions

Digital Submission:

Proposals will be received at the office of SARP10 (B&V/OCI), Attn: Brad Davis Deputy Program Manager, 845 Crossover Lane, Suite 120, Memphis TN, 38117. Proposals must be submitted in a digital format via CD, DVD, or flash drive. The digital submission must include one PDF document that includes all pages and documents of the proposal, and one Excel file of the Proposal Fill-In form.

(Reference: SSES Phase 6 Project, PROPOSAL No. 197414.78.0070)

One electronic copy shall be prepared and emailed to:

Program Mailbox: MemphisWCTS@bv.com

(Reference: SSES Phase 6 Project, PROPOSAL No. 197414.78.0070)

PROPOSAL DUE DATE: 3:00 PM (local time), ~~Tuesday, January 30~~ **February 6, 2018**

****Responses will NOT be accepted after 3:00 PM****

The Sealed Envelope or other container containing the PROPOSAL shall be marked at minimum with the Respondent's name, name of the Project and the PROPOSAL number. Sealed Statements that are sent through the mail or other such delivery service shall be sent in such a manner so as to allow the opening of the "Mailing Container" and still have intact the sealed PROPOSAL. On the Mailing Container the sender shall state the words that a **"SEALED RESPONSE IS ENCLOSED"** and the PROPOSAL number.

**Firms desiring to submit a Proposal should carefully review these instructions.
Compliance with all requirements will be solely the responsibility of the Respondent.**

00180.5 Request for Proposal Definitions

Terms used in these Request for Proposal documents are defined and have the meanings assigned to them as follows. The term "B&V/OCI", "Purchaser" or "Program Manager" means Black & Veatch / Overland Contracting Inc. The term "Respondent", "Firm", "Company", "Service Contractor" or "Bidder" means one who submits a Response directly to B&V/OCI for the purpose stated in this Solicitation Request for Proposal documents. The terms "Proposal", "Response", "PROPOSAL", or "Respondent's Response" mean all submittal documents provided by the Respondent as required by this Request for Proposal. The terms "Request for PROPOSAL" or "PROPOSAL Documents" mean the documents included in this Request for Proposal.

Every effort has been made to use industry-accepted terminology in this Request for Proposal. Any statement in this document, which uses words such as "must", "shall", "should", "provide for" or "have/provide the capability of/for", means that compliance with the intent of the statement is mandatory and that failure by the Respondent to satisfy that intent may be cause for the Response to be rejected.

00180.6 Not Used

00180.7 Proposal Format

Proposals should be concise. Excessive language or unclear responses may jeopardize your Firm's point accumulation for the project. Proposals must comply with the format and content described in the following Sections. Dividers with tabs should separate each Section, and the tabs should be labeled with the Section numbers listed below. Proposals shall be limited to a maximum of 35 pages total for Sections I through IV (not including the front and back covers and the dividers). Section V shall be limited to 00380 Proposal Fill-In Form only. Do not include any information in your Proposal that is not specifically requested. Scoring methodology is identified in Section 00180.18. Failure of a respondent to include all listed items may result in the rejection of respondent's proposal.



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**Section 4
Updated 00180.17 Selection Schedule**

B&V/OCI reserves the right to reject any Response if the evidence submitted by the Responder or if the investigation of such Respondent fails to satisfy B&V/OCI that such Respondent is properly qualified to carry out the obligations and to complete the work contemplated therein. All Responses will be rejected if there is reason to believe that collusion exists among Respondents. Responses will be considered irregular and may be rejected if they show serious omissions, alterations in form, additions not called for, conditions or unauthorized alterations, or irregularities of any kind.

00180.15 Other Items

This PROPOSAL does not commit B&V/OCI to enter into a contract, nor does it obligate B&V/OCI to pay for any costs incurred in the preparation and submission of Responses or in anticipation of a contract. Costs of preparing the Proposal in response to this request are solely the responsibility of the Respondent.

By responding to this solicitation, the respondent attests that no employee of Black & Veatch, OCI, Allen & Hoshall, Allworld Project Management, Gresham Smith and Partners, Carter-Malone Group, or City of Memphis employee or any such person’s spouse, child, parent, brother, sister, dependent or person assuming a relationship being the substantially equivalent of the above, has an existing or pending, direct or indirect, financial interest in the respondent’s business.

No Respondents to this solicitation shall discriminate against any employee or applicant for employment because of race, religion, color, sex, age, or national origin.

00180.16 Selection Process

B&V/OCI intends to select one or more firm(s) based on experience and ability, including successful completion of similar projects; qualifications of personnel; and general construction performance; available bonding capacity; service experience including record keeping/administrative ability, critical path scheduling, cost control, quality control, and safety record, as described in the Selection Criteria below. Proposals will be reviewed based on the selection criteria and one or more firms will be selected to perform the work contained in the outlined scope of work.

00180.17 Selection Schedule

The following schedule will be adhered to during the selection process. It is subject to change at the sole discretion of B&V/OCI.

Event	Completed By
RFP Advertising Date, RFP Available, Vendor Registration for Prequalification is Open	November 21, 2017
Pre-Proposal Meeting	December 12, 2017
Last Date for Receipt of Questions, Registration for Prequalification Information Deadline	January 5, 2018
Issue Final Addendum to Answer Questions	January 44 18 , 2018
Receive and Open Proposals	January 30 February 6 , 2018 by 3:00 pm local time
Public Notice of Intent to Award	February 13 20 , 2018
Preconstruction Meeting With Subcontractor	February 20 27 , 2018
Tentative Notice to Proceed	February 27 March 6 , 2018





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**Section 5
Updated Table 00380.1 Unit Price Proposal Form**

**Map sets are available online, to minimize the number of printed pages in this Addendum. You may view and/or download these map sets, at <http://www.sarp10.com/projects/>. They will be located under the title for this RFP, "SSES Phase 6 Project".

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.					
Submitted by (Company Name)					
00380.3 Proposal Pricing Information					
00380.3.1 Unit Pricing					
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00380.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Horn Lake Interceptor (HL01-1, NO01, NO02)					
Elevated Manhole Access					
01501-4.01.A	Elevated Manhole Access	Each	10	\$ -	\$ -
CCTV					
02541-4.01.A	Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer				
	6 inch pipe	LF	245	\$ -	\$ -
	8 inch pipe	LF	4,300	\$ -	\$ -
	10 inch pipe	LF	6,500	\$ -	\$ -
	12 inch pipe	LF	4,400	\$ -	\$ -
	15 inch pipe	LF	400	\$ -	\$ -
	18 inch pipe	LF	2,500	\$ -	\$ -
	21 inch pipe	LF	100	\$ -	\$ -
02541-4.01.B	Heavy Cleaning of Sewer Line				
	6 inch pipe	LF	25	\$ -	\$ -
	8 inch pipe	LF	430	\$ -	\$ -
	10 inch pipe	LF	650	\$ -	\$ -
	12 inch pipe	LF	440	\$ -	\$ -
	15 inch pipe	LF	40	\$ -	\$ -
	18 inch pipe	LF	250	\$ -	\$ -
	21 inch pipe	LF	10	\$ -	\$ -
02541-4.01.C	Remote Trimming of Protruding Service Lateral				
02542-4.01.A	Sonar/TV				
	24 inch pipe	LF	600	\$ -	\$ -
	30 inch pipe	LF	1,000	\$ -	\$ -
	36 inch pipe	LF	3,000	\$ -	\$ -
	42 inch pipe	LF	1,200	\$ -	\$ -
	48 inch pipe	LF	3,700	\$ -	\$ -
	60 inch pipe	LF	7,000	\$ -	\$ -
	72 inch pipe	LF	21,000	\$ -	\$ -
	84 inch pipe	LF	16,800	\$ -	\$ -
	90 inch pipe	LF	18,500	\$ -	\$ -
	96 inch pipe	LF	28,400	\$ -	\$ -
	108 inch pipe	LF	900	\$ -	\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Manholes					
02544-4.01.A	GPS at Submeter Accuracy	Each	190 65	\$ -	\$ -
02544-4.01.B	Manhole Assessment and Certification Program (MACP) Level 1 Inspection	Each	10	\$ -	\$ -
02544-4.01.C-1	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - No 3D Scan	Each	30	\$ -	\$ -
02544-4.01.C-2	Manhole Assessment and Certification Program (MACP) Level 2 Inspection with 3D Scan	Each	150	\$ -	\$ -
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	245	\$ -	\$ -
	8 inch pipe	LF	4,300	\$ -	\$ -
	10 inch pipe	LF	6,500	\$ -	\$ -
	12 inch pipe	LF	4,400	\$ -	\$ -
	15 inch pipe	LF	400	\$ -	\$ -
	18 inch pipe	LF	2,500	\$ -	\$ -
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$ -	\$ -
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$ -	\$ -
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$ -	\$ -
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$ -	\$ -
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$ -	\$ -
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$ -	\$ -
02547-4.01.A	Interceptor & Manhole Cleaning				
	Interceptor & Manhole Cleaning	Crew-Hour	200	\$ -	\$ -
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
Horn Lake Interceptor (HL01-1, NO01, NO02) Subtotal Estimated Unit Price Value					\$ -

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.					
Submitted by (Company Name)					
00380.3 Proposal Pricing Information					
00380.3.1 Unit Pricing					
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00380.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Nonconnah Interceptor (NO03, NO04, NO05, NO06, NO07, NO08)					
Elevated Manhole Access					
01501-4.01.A	Elevated Manhole Access	Each	35	\$ -	\$ -
CCTV					
02541-4.01.A	Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer				
	6 inch pipe	LF	500	\$ -	\$ -
	8 inch pipe	LF	55,700	\$ -	\$ -
	10 inch pipe	LF	9,750	\$ -	\$ -
	12 inch pipe	LF	8,800	\$ -	\$ -
	15 inch pipe	LF	3,500	\$ -	\$ -
	18 inch pipe	LF	3,800	\$ -	\$ -
	20 inch pipe	LF	1,900	\$ -	\$ -
02541-4.01.B	Heavy Cleaning of Sewer Line				
	6 inch pipe	LF	50	\$ -	\$ -
	8 inch pipe	LF	5,570	\$ -	\$ -
	10 inch pipe	LF	975	\$ -	\$ -
	12 inch pipe	LF	880	\$ -	\$ -
	15 inch pipe	LF	350	\$ -	\$ -
	18 inch pipe	LF	380	\$ -	\$ -
	20 inch pipe	LF	190	\$ -	\$ -
02541-4.01.C	Remote Trimming of Protruding Service Lateral	Each	20	\$ -	\$ -
02541-4.01.D	10 inch Siphon Cleaning and CCTV Inspection	LF	150	\$ -	\$ -
02542-4.01.A	Sonar/TV				
	24 inch pipe	LF	11,600	\$ -	\$ -
	30 inch pipe	LF	1,600	\$ -	\$ -
	36 inch pipe	LF	53,600	\$ -	\$ -
	42 inch pipe	LF	26,750	\$ -	\$ -
	48 inch pipe	LF	12,600	\$ -	\$ -
	60 inch pipe	LF	8,000	\$ -	\$ -
	72 inch pipe	LF	19,500	\$ -	\$ -
	84 inch pipe	LF	200	\$ -	\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Manholes					
02544-4.01.A	GPS at Submeter Accuracy	Each	685 230 400	\$ -	\$ -
02544-4.01.B	Manhole Assessment and Certification Program (MACP) Level 1 Inspection	Each	50	\$ -	\$ -
02544-4.01.C-1	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - No 3D Scan	Each	30 335	\$ -	\$ -
02544-4.01.C-2	Manhole Assessment and Certification Program (MACP) Level 2 Inspection with 3D Scan	Each	150 300	\$ -	\$ -
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	500	\$ -	\$ -
	8 inch pipe	LF	55700	\$ -	\$ -
	10 inch pipe	LF	9750	\$ -	\$ -
	12 inch pipe	LF	8800	\$ -	\$ -
	15 inch pipe	LF	3,500	\$ -	\$ -
	18 inch pipe	LF	3800	\$ -	\$ -
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$ -	\$ -
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$ -	\$ -
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$ -	\$ -
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$ -	\$ -
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$ -	\$ -
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$ -	\$ -
02547-4.01.A	Interceptor & Manhole Cleaning				
	Interceptor & Manhole Cleaning	Crew-Hour	250	\$ -	\$ -
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
onconnah Interceptor (NO03, NO04, NO05, NO06, NO07, NO08) Subtotal Estimated Unit Price Value					\$ -

Table 00380.3.1 - Unit Price Proposal Form

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00380.3.1 Unit Pricing					
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00380.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Nonconnah North Tributaries (NN03-1, NN03-2, NS01)					
GCTV					
02541-4.01.A	Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer-				
	6 inch pipe	LF	1,150	\$	\$
	8 inch pipe	LF	295,000	\$	\$
	10 inch pipe	LF	45,750	\$	\$
	12 inch pipe	LF	44,000	\$	\$
	15 inch pipe	LF	5,000	\$	\$
	18 inch pipe	LF	6,000	\$	\$
02541-4.01.B	Heavy Cleaning of Sewer Line				
	6 inch pipe	LF	115	\$	\$
	8 inch pipe	LF	29,500	\$	\$
	10 inch pipe	LF	4,575	\$	\$
	12 inch pipe	LF	1,400	\$	\$
	15 inch pipe	LF	500	\$	\$
	18 inch pipe	LF	600	\$	\$
02541-4.01.C	Remote Trimming of Protruding Service Lateral-				
02541-4.01.D-1	8" Siphon Cleaning and CCTV Inspection	LF	800	\$	\$
02541-4.01.D-2	10" Siphon Cleaning and CCTV Inspection	LF	165	\$	\$
02541-4.01.D-3	12" Siphon Cleaning and CCTV Inspection	LF	350	\$	\$
02542-4.01.A	Senar/TV				
	24 inch pipe and greater	LF	1,150	\$	\$
Manholes					
02544-4.01.A	GPS at Submeter Accuracy	Each	1,170	\$	\$
02544-4.01.B	Manhole Assessment and Certification Program-(MACP) Level 1 Inspection	Each	150	\$	\$
02544-4.01.C-1	Manhole Assessment and Certification Program-(MACP) Level 2 Inspection - No 3D Scan	Each	1,000	\$	\$
02544-4.01.C-2	Manhole Assessment and Certification Program-(MACP) Level 2 Inspection with 3D Scan	Each	20	\$	\$

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	1,150	\$	\$
	8 inch pipe	LF	295,000	\$	\$
	10 inch pipe	LF	15,750	\$	\$
	12 inch pipe	LF	14,000	\$	\$
	15 inch pipe	LF	5,000	\$	\$
	18 inch pipe	LF	6,000	\$	\$
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$	\$
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$	\$
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$	\$
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$	\$
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$	\$
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$	\$
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$	\$
Nonconnah North Tributaries (NN03-1, NN03-2, NS01) Subtotal Estimated Unit Price Value					\$

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.						
Submitted by (Company Name)						
00380.3 Proposal Pricing Information						
00380.3.1 Unit Pricing						
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.						
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.						
00380.3.1.1 Unit Prices				Bidder Response		
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price	
Nonconnah South Tributaries (NS03, NS04, NS05-1)						
GCTV						
02541-4.01.A	Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer-					
	6 inch pipe	LF	800	\$	\$	
	8 inch pipe	LF	340,000	\$	\$	
	10 inch pipe	LF	36,000	\$	\$	
	12 inch pipe	LF	20,400	\$	\$	
	15 inch pipe	LF	11,000	\$	\$	
	18 inch pipe	LF	8,400	\$	\$	
	21 inch pipe	LF	8,000	\$	\$	
02541-4.01.B	Heavy Cleaning of Sewer Line					
	6 inch pipe	LF	80	\$	\$	
	8 inch pipe	LF	34,000	\$	\$	
	10 inch pipe	LF	3,600	\$	\$	
	12 inch pipe	LF	2,040	\$	\$	
	15 inch pipe	LF	1,100	\$	\$	
	18 inch pipe	LF	840	\$	\$	
	21 inch pipe	LF	800	\$	\$	
02541-4.01.C	Remote Trimming of Protruding Service Lateral		Each	20	\$	\$
02541-4.01.D	8" Siphon Cleaning and CCTV Inspection		LF	600	\$	\$
02542-4.01.A	Sonar/TV					
	24 inch pipe and greater	LF	40,150	\$	\$	
Manholes						
02544-4.01.A	GPS at Submeter Accuracy		Each	1,685	\$	\$
02544-4.01.B	Manhole Assessment and Certification Program-(MACP) Level 1 Inspection		Each	150	\$	\$
02544-4.01.C-1	Manhole Assessment and Certification Program-(MACP) Level 2 Inspection - No 3D Scan		Each	1,485	\$	\$
02544-4.01.C-2	Manhole Assessment and Certification Program-(MACP) Level 2 Inspection with 3D Scan		Each	50	\$	\$

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	800	\$	\$
	8 inch pipe	LF	340,000	\$	\$
	10 inch pipe	LF	36,000	\$	\$
	12 inch pipe	LF	20,400	\$	\$
	15 inch pipe	LF	11,000	\$	\$
	18 inch pipe	LF	8,400	\$	\$
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$	\$
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$	\$
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$	\$
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$	\$
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$	\$
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$	\$
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$	\$
Noncannah South Tributaries (NS03, NS04, NS05-1) Subtotal Estimated Unit Price Value					\$

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.					
Submitted by (Company Name)					
00380.3 Proposal Pricing Information					
00380.3.1 Unit Pricing					
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00380.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Horn Lake South Tributaries (NS02-2, HL01)					
CCTV					
02541-4.01.A	Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer				
	6 inch pipe	LF	5,800	\$ -	\$ -
	8 inch pipe	LF	541,000	\$ -	\$ -
	10 inch pipe	LF	31,600	\$ -	\$ -
	12 inch pipe	LF	22,500	\$ -	\$ -
	15 inch pipe	LF	20,200	\$ -	\$ -
	18 inch pipe	LF	15,500	\$ -	\$ -
02541-4.01.B	Heavy Cleaning of Sewer Line				
	6 inch pipe	LF	580	\$ -	\$ -
	8 inch pipe	LF	54,100	\$ -	\$ -
	10 inch pipe	LF	3,160	\$ -	\$ -
	12 inch pipe	LF	2,250	\$ -	\$ -
	15 inch pipe	LF	2,020	\$ -	\$ -
	18 inch pipe	LF	1,550	\$ -	\$ -
02541-4.01.C	Remote Trimming of Protruding Service Lateral	Each	20	\$ -	\$ -
02541-4.01.D	8" Siphon Cleaning and CCTV Inspection	LF	400	\$ -	\$ -
02542-4.01.A	Sonar/TV				
	24 inch pipe and greater	LF	15,300	\$ -	\$ -
Manholes					
02544-4.01.A	GPS at Submeter Accuracy	Each	2,600	\$ -	\$ -
02544-4.01.B	Manhole Assessment and Certification Program (MACP) Level 1 Inspection	Each	250	\$ -	\$ -
02544-4.01.C-1	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - No 3D Scan	Each	2,250	\$ -	\$ -
02544-4.01.C-2	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - with 3D Scan	Each	100	\$ -	\$ -

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	5,800	\$ -	\$ -
	8 inch pipe	LF	541,000	\$ -	\$ -
	10 inch pipe	LF	31,600	\$ -	\$ -
	12 inch pipe	LF	22,500	\$ -	\$ -
	15 inch pipe	LF	20,200	\$ -	\$ -
	18 inch pipe	LF	15,500	\$ -	\$ -
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$ -	\$ -
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$ -	\$ -
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$ -	\$ -
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$ -	\$ -
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$ -	\$ -
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$ -	\$ -
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
Horn Lake South Tributaries (NS02-2, HL01) Subtotal Estimated Unit Price Value					\$ -

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.					
Submitted by (Company Name)					
00380.3 Proposal Pricing Information					
00380.3.1 Unit Pricing					
Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.					
In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.					
00380.3.1.1 Unit Prices				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Northern Reserve Area					
CCTV					
<u>02541-4.01.A</u>	<u>Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer</u>				
	<u>6 inch pipe</u>	<u>LF</u>	<u>200</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>8 inch pipe</u>	<u>LF</u>	<u>378,500</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>10 inch pipe</u>	<u>LF</u>	<u>24,000</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>12 inch pipe</u>	<u>LF</u>	<u>19,200</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>15 inch pipe</u>	<u>LF</u>	<u>16,200</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>18 inch pipe</u>	<u>LF</u>	<u>18,000</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.B</u>	<u>Heavy Cleaning of Sewer Line</u>				
	<u>6 inch pipe</u>	<u>LF</u>	<u>100</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>8 inch pipe</u>	<u>LF</u>	<u>38,000</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>10 inch pipe</u>	<u>LF</u>	<u>2,400</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>12 inch pipe</u>	<u>LF</u>	<u>1,900</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>15 inch pipe</u>	<u>LF</u>	<u>1,600</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>18 inch pipe</u>	<u>LF</u>	<u>1,800</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.C</u>	<u>Remote Trimming of Protruding Service Lateral</u>	<u>Each</u>	<u>20</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02542-4.01.A</u>	<u>Sonar/TV</u>				
	<u>24 inch pipe and greater</u>	<u>LF</u>	<u>24,500</u>	<u>\$ -</u>	<u>\$ -</u>
Manholes					
<u>02544-4.01.A</u>	<u>GPS at Submeter Accuracy</u>	<u>Each</u>	<u>2,130</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.B</u>	<u>Manhole Assessment and Certification Program (MACP) Level 1 Inspection</u>	<u>Each</u>	<u>200</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.C-1</u>	<u>Manhole Assessment and Certification Program (MACP) Level 2 Inspection - No 3D Scan</u>	<u>Each</u>	<u>1,920</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.C-2</u>	<u>Manhole Assessment and Certification Program (MACP) Level 2 Inspection - with 3D Scan</u>	<u>Each</u>	<u>10</u>	<u>\$ -</u>	<u>\$ -</u>

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	200	\$ -	\$ -
	8 inch pipe	LF	378,500	\$ -	\$ -
	10 inch pipe	LF	24,000	\$ -	\$ -
	12 inch pipe	LF	19,200	\$ -	\$ -
	15 inch pipe	LF	16,200	\$ -	\$ -
	18 inch pipe	LF	18,000	\$ -	\$ -
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$ -	\$ -
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$ -	\$ -
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$ -	\$ -
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$ -	\$ -
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$ -	\$ -
02546-4.01.C-3	Dye Testing Type 3	Man Hour	20	\$ -	\$ -
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
Northern Reserve Areas Subtotal Estimated Unit Price Value					\$ -

Table 00380.3.1 - Unit Price Proposal Form

Bidder should refer to Section 00280, Instructions to Bidders, when completing this Proposal Form. Bidder shall complete this form entirely and return it with Bidder's Proposal.

Submitted by (Company Name)

00380.3 Proposal Pricing Information

00380.3.1 Unit Pricing

Bidder proposes to complete the RFP Work based on firm, fixed, unit prices (US dollars), which prices multiplied by the final Work quantities would represent the full consideration to Bidder for its complete and satisfactory performance of the Work in compliance with all the terms and conditions of the RFP Documents. The Unit Prices in this Table include the cost of all the work which is required or implied by the RFP documents or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work item of its kind. Further, any and all alterations, modifications, and adjustments to the work item, which is reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the work item kind, will be performed without additional compensation.

In the event of a Purchaser-approved change in the scope of Work for which a unit price from this Table is not applicable, as determined by the Purchaser, the Service Contractor shall provide a new unit price for review and acceptance by the Purchaser. Service Contractor shall provide all information requested by the Purchaser to substantiate the value of the new unit price.

00380.3.1.1 Unit Prices

				Bidder Response	
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
East Cordova Reserve Area					
CCTV					
<u>02541-4.01.A</u>	<u>Pipeline Assessment and Certification Program (PACP) CCTV Inspection with Light Cleaning of Sewer</u>				
	<u>6 inch pipe</u>	<u>LF</u>	<u>665</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>8 inch pipe</u>	<u>LF</u>	<u>337,800</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>10 inch pipe</u>	<u>LF</u>	<u>18,500</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>12 inch pipe</u>	<u>LF</u>	<u>13,600</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>15 inch pipe</u>	<u>LF</u>	<u>14,850</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>18 inch pipe</u>	<u>LF</u>	<u>11,200</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>21 inch pipe</u>		<u>200</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.B</u>	<u>Heavy Cleaning of Sewer Line</u>				
	<u>6 inch pipe</u>	<u>LF</u>	<u>100</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>8 inch pipe</u>	<u>LF</u>	<u>33,800</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>10 inch pipe</u>	<u>LF</u>	<u>2,000</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>12 inch pipe</u>	<u>LF</u>	<u>1,500</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>15 inch pipe</u>	<u>LF</u>	<u>1,500</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>18 inch pipe</u>	<u>LF</u>	<u>1,100</u>	<u>\$ -</u>	<u>\$ -</u>
	<u>21 inch pipe</u>	<u>LF</u>	<u>100</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.C</u>	<u>Remote Trimming of Protruding Service Lateral</u>	<u>Each</u>	<u>20</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.D-1</u>	<u>8" Siphon Cleaning and CCTV Inspection</u>	<u>LF</u>	<u>500</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.D-2</u>	<u>10" Siphon Cleaning and CCTV Inspection</u>	<u>LF</u>	<u>300</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02541-4.01.D-3</u>	<u>12" Siphon Cleaning and CCTV Inspection</u>	<u>LF</u>	<u>250</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02542-4.01.A</u>	<u>Sonar/TV</u>				
	<u>24 inch pipe and greater</u>	<u>LF</u>	<u>24,000</u>	<u>\$ -</u>	<u>\$ -</u>
Manholes					
<u>02544-4.01.A</u>	<u>GPS at Submeter Accuracy</u>	<u>Each</u>	<u>2,030</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.B</u>	<u>Manhole Assessment and Certification Program (MACP) Level 1 Inspection</u>	<u>Each</u>	<u>200</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.C-1</u>	<u>Manhole Assessment and Certification Program (MACP) Level 2 Inspection - No 3D Scan</u>	<u>Each</u>	<u>1,820</u>	<u>\$ -</u>	<u>\$ -</u>
<u>02544-4.01.C-2</u>	<u>Manhole Assessment and Certification Program (MACP) Level 2 Inspection - with 3D Scan</u>	<u>Each</u>	<u>10</u>	<u>\$ -</u>	<u>\$ -</u>

Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
Smoke Testing					
02546-4.01.A	Smoke Testing with GPS at Submeter Accuracy				
	6 inch pipe	LF	665	\$ -	\$ -
	8 inch pipe	LF	337,800	\$ -	\$ -
	10 inch pipe	LF	18,500	\$ -	\$ -
	12 inch pipe	LF	13,600	\$ -	\$ -
	15 inch pipe	LF	14,850	\$ -	\$ -
	18 inch pipe	LF	11,200	\$ -	\$ -
02546-4.01.B-1	Dye Testing Type 1	Each	5	\$ -	\$ -
02546-4.01.B-2	Dye Testing Type 2	Each	5	\$ -	\$ -
02546-4.01.B-3	Dye Testing Type 3	Each	2	\$ -	\$ -
02546-4.01.C-1	Dye Testing Type 1	Man Hour	20	\$ -	\$ -
02546-4.01.C-2	Dye Testing Type 2	Man Hour	20	\$ -	\$ -
02546.4.01.C-3	Dye Testing Type 3	Man Hour	20	\$ -	\$ -
Miscellaneous					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
East Cordova Reserve Areas Subtotal Estimated Unit Price Value					\$ -



**Request for Proposal
Phase 6 SSES Project Addendum No. 5 to
RFP No. 197414.78.0070
January 18, 2018**



**Section 6
Updated 00585 Safety, Health, and Accident Prevention**

**In reference to the addition of item 00585.10:

There will be an informational meeting held via conference call on Friday, January 26th at 1:00 PM CDT. SARP10 Safety Manager Riley Thompson will be leading the call, and will send the conference number separately; to attendees of the Pre-Proposal meeting. He will review the details of the new Program requirement, and will field questions at the end of the call. If you are unable to join the call, you may contact Mr. Thompson directly.

thompsonlr@bv.com

(901) 495-2649

00585 - Safety, Health and Accident Prevention

00585.1 Project Safety and Health Program

Purchaser will implement and coordinate the overall Project Safety and Health Program as defined in the Loss Control Manual, which is available for inspection at <http://www.sarp10.com/facts/>.

00585.2 Safety, Health, and Accident Prevention Program

00585.2.1 Service Contractor shall implement and maintain a written Safety, Health and Accident Prevention Program specifically applicable to the Work. Service Contractor's Safety, Health and Accident Prevention Program must meet the requirements of Applicable Laws and adhere to the Project Safety and Health Program, if implemented by Purchaser. Service Contractor shall submit Service Contractor's Safety, Health and Accident Prevention Program for Purchaser's review at least thirty calendar days before starting Work at the jobsite. Purchaser's review does not relieve Service Contractor of Service Contractor's sole responsibility for safety and health in relation to the Work, nor does Purchaser's review limit Service Contractor's obligation to undertake any action necessary to establish and maintain safe working conditions relating to the Work at the jobsite. Service Contractor must include training, Master Job Hazard Analysis (JHA) and daily JSAs.

00585.2.2 Purchaser may monitor Service Contractor's safety and health performance and may require changes to Service Contractor's Safety, Health and Accident Prevention Program during the performance of the Work. Purchaser's monitoring and requirement of changes does not relieve Service Contractor of Service Contractor's sole responsibility for safety and health in relation to the Work, nor does Purchaser's monitoring and requirement of changes limit Service Contractor's obligation to undertake any action necessary to establish and maintain safe working conditions relating to the Work at the jobsite. Purchaser must approve sub-tier subcontractors prior to mobilization to the jobsite.

00585.3 Hazardous Waste Project Health and Safety Plan

Service Contractor understands that the Work may involve hazardous substances or hazardous wastes. Service Contractor shall comply with all Applicable Laws, Owner's facility rules and regulations, and applicable guidance documents. Service Contractor shall prepare and implement a jobsite-specific Hazardous Waste Project Health and Safety Plan, based on Service Contractor's Safety, Health and Accident Prevention Program and all written programs required by Applicable Laws. Service Contractor is responsible for the completeness and accuracy of Service Contractor's Hazardous Waste Project Health and Safety Plan. Service Contractor shall submit Service Contractor's Hazardous Waste Project Health and Safety Plan to Purchaser at least thirty calendar days before starting Work at the jobsite and shall maintain a copy at the jobsite for review by Purchaser, Owner, and regulatory personnel.

00585.4 Protective Clothing, Equipment and Instrumentation

Service Contractor agrees to furnish special protective clothing, respiratory protective equipment, and monitoring instrumentation as required by Applicable Laws, the project's safety-related plans and programs, and Purchaser's and Owner's rules and regulations. Service Contractor shall ensure that personnel performing Work at the jobsite properly use the clothing, equipment, and instrumentation. Service Contractor shall furnish and maintain all safety equipment, including but not limited to, barriers, signs, warning lights, and guards necessary for adequate protection of persons and property.

00585.5 Safety and Health Representative

The Service Contractor shall identify a qualified person to be its representative for Environmental, Safety, Health & Security matters and make this person available as needed and requested by the Purchaser. The representative must have authority to correct unsafe conditions and to stop Work in the area of an unsafe condition. In addition, the representative shall routinely visit the jobsite.

00585.6 Safety and Health Goal

Service Contractor shall endeavor to attain the project's safety goal of zero injuries. Service Contractor



shall maintain accurate accident and injury reports and shall furnish Purchaser a monthly summary of injuries and man-hours lost due to injuries by the third of each month. Service Contractor accident rates must be calculated monthly in accordance with the Bureau of Labor Statistics incident rate, frequency rate, and days away from work rate methods. If Service Contractor or Subcontractor accident rates exceed the project's safety goal, Service Contractor shall take immediate corrective action, which may include, but is not limited to:

- (a) Submittal of a written corrective action plan to Purchaser by Service Contractor;
- (b) Additions or modifications to Service Contractor's Safety, Health and Accident Prevention Program;
- (c) Removal from the jobsite of any Service Contractor or Subcontractor personnel not implementing or following the necessary safety and health measures; and
- (d) Increasing the amount of Service Contractor safety and health training.

00585.7 Drug Prevention Program

As part of the Work, Service Contractor shall assist Purchaser in administering the project requirements for a drug detection and prevention program. Service Contractor agrees that all costs for drug testing and alcohol testing are included in the Service Contractor's price. Service Contractor must provide evidence to Purchaser that all personnel assigned to the Work at the jobsite have passed the drug test within three calendar days of completion of the test. The drug detection and prevention program will include, but will not be limited to, the following: (a) a pre-jobsite assignment test; and (b) additional assignment tests, such as reasonable suspicion tests, post-accident tests, and unannounced random drug tests of ten percent of the workforce on a monthly basis. The drug test must be completed and passed no more than 10 days prior to arriving on the jobsite.

00585.8 Fall Protection

The OSHA Fall Protection Standard 29 CFR 1926 Subpart M shall be strictly adhered to by the Service Contractor. Fall protection is required for all of Service Contractor's Work operations one hundred percent of the time, whether climbing, traveling, or working. NO WORK OPERATION is exempt from the six (6) foot fall protection requirement.

Prior to starting work operations requiring fall protection, Service Contractor shall submit to Purchaser a fall protection plan. The fall protection plan shall include, but not be limited to, the following:

- Name of qualified person in charge of operation.
- Description of work operation.
- List of fall exposures.
- Description of fall protection methods used to eliminate fall exposures.
- Training and enforcement methods used to ensure employee compliance with the plan.

Fall protection body harnesses, lanyards, and lifelines shall be used in accordance with OSHA Standard 1926 Subpart 502D, with the following exceptions:

- Full body harnesses shall be used in lieu of safety belts.
- Only lanyards with shock absorbers and locking type snap hooks shall be used.
- At least two lanyards shall be used to provide one hundred percent fall protection when moving around obstructions, connection points, or other similar items.

Fall protection guardrail systems shall comply with OSHA Standard 1926 Subpart 502(b) except manila, plastic, or synthetic rope shall not be used as guardrails.



00585.9 Confined Spaces

All employees entering confined spaces and all attendants for such entries including supervisors shall receive confined space entry training and emergency rescue training at a minimum of once per year.

00585.10 Third Party Medical Triage

Service Contractor shall retain the services of a third party medical triage company that meets the following criteria:

- Must employ medical doctors that understand occupational medicine and the rules set forth by OSHA for first aid treatment of work-related injuries and illnesses
- Ability to provide virtual real-time consultation with medical doctors for injury triage, with injured worker
- Available 24 hours a day, 7 days per week, and 365 days per year

Service Contractor shall require retention of identical services for each subcontractor, with the further requirement that each lower tier subcontractor shall include identical requirements in any lower tier subcontracts, which might in turn be made.