



**Request for Proposal  
SSES Phase 5 Project Addendum # 1 to  
RFP No. 179821.78.0052  
December 6, 2016**



The following information encompasses Addendum #1 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 – Bidder Questions

Section 2 – Mandatory Pre-Proposal Meeting Notes including Safety presentation slides and Sign-In Sheet

Section 3 – RFP updates to 00180.3 Scope of Work, 00380.3.1 Unit Price Proposal Form for 78.0055 Wolf Interceptor and 78.0056 Nonconnah Interceptor, and Minority/Women Business Enterprise Compliance Form

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**Section 1**

**Bidder Questions**

**Q1:** Does SARP10 want a proposal for both interceptors?

**SARP10:** The SARP10 team is currently discussing budget constraints that could affect the number of contracts awarded. The decision will be made prior to the final addendum being issued.

**Q2:** Are the quantities in the bid tabs correct? They are identical for both interceptors.

**SARP10:** The revised quantities in the addendum and new Proposal-Fill-in Form reflect the correct quantities.

**Q3:** Is the data deliverable timeline the same for Sonar?

**SARP10:** The data deliverable timeline is meant to encourage the Subcontractor to deliver data to the SARP10 team in a consistent, timely manner. If the Subcontractor requires more than the allotted time preferred, they can adjust the schedule with the approval of SARP10 to ensure quality data submittals.

**Q4:** Will SARP10 consider accepting data in a delivery method other than an external drive?

**SARP10:** Not at this time.

**Q5:** What about using the hard drive as a back up to another delivery method?

**SARP10:** As long as the data is delivered in a physical format. All USB based drives are acceptable.

**Q6:** Will we consider using a shapefile instead of an axf file?

**SARP10:** AXF files are still required. A Shapefile as a backup is encouraged.

**Q7:** In 00681.6 Section A of the RFB, should WBE be listed on the form twice?

**SARP10:** No. That is an error that is corrected in this addendum.

**Q8:** Can safety incidents be reported through TeamWorks?

**SARP10:** Not yet but SARP10 is considering adding that functionality in the future.

**Q9:** Can we make the safety presentation available for contractors?

**SARP10:** Yes. They are included in this addendum.



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**Q10:** Can you give more insight into payments and how they will be handled?

**SARP10:** Successful contractors will be given an invoicing schedule that lists two dates for each month. The first date is the due date for draft invoice and the second date is the B&V month end date. Generally speaking, the draft is due 10 calendar days before the B&V month end date. The goal is for B&V to be pay 60 days from the B&V month end date. It typically takes another 7 to 10 calendar days for B&V to pay our subs. So (depending on how you count the days) it typically takes at least 90 days for subs to receive their first payment. Once you start receiving payments they should come each month, fairly regularly.

**Q11:** Is the NTP date that is listed in the RFP a firm date?

**SARP10:** No. Each contract will be issued separately and the SARP10 team will arrange a time for a pre-construction meeting with each Subcontractor prior to an official NTP. The date on the RFP is generally when the NTP will occur.

**Q12:** What is the objective of the 3D manhole scan?

**SARP10:** SARP10 would like to obtain as much visual information about the manhole as possible and has found that the typical MACP deliverable is inadequate for deeper manholes and those on larger sewer mains.

**Q13:** Will we accept more questions about the 3D manhole scan prior to the proposal deadline?

**SARP10:** Yes but if a Subcontractor would like to propose a different technology than the one in the specification, please provide enough time for SARP10 to review and make a decision prior to the final addendum issued on 12/8/2016.

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## **Section 2**

### **Mandatory Pre-Proposal Meeting Notes including Safety presentation slides and Sign-In Sheet**

Clarification: During the Pre-Proposal meeting, the use of a 3D scan camera for manhole inspections was incorrectly stated to be used on all manholes greater than 15 feet. This equipment is to be used for manholes greater than 25 feet, as correctly specified in the RFP.

# Safety & Health Rules

# WE LIVE BY

Think. Plan. Act. ZERO INJURIES TODAY

## Trench & Excavation

- Do NOT start any excavation activities without a Trench & Excavation permit, and comply with all requirements.
- Excavations must be properly sloped, shored or shielded before entering, and proper access/egress must be in place.

## Operations

- Follow all Lock Out / Tag Out procedures at all times.
- Comply with all requirements of Confined Space Entry permits and DO NOT enter a confined space without a permit.

## Drugs/Alcohol

- Drugs and alcohol have NO place in the work environment.
- Do NOT come to work if you are under the influence of illegal drugs or alcohol.

## At Height

- Comply with the Fall Protection procedures when working above the applicable working height.
- Always use 100 percent of the fall-protection techniques when tying off.

## You

Make a difference today. Don't walk by any unsafe situation and be a SAFETY LEADER.

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***These rules are established to ensure you return home safely each day.***



# Memphis PreBid Meeting

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Environmental, Health, Safety and Security

## Pre-Bid Agenda

- Riley Thompson – Project Safety Manager
- Nolan Mills – Project Safety Tech.
- Safety Qualification Process
- Project Safety Goals
- Loss Control Manual
- Policies & Procedures
- Specific Conditions & Hazards
- Questions



# PROJECT SAFETY GOALS

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- Zero
  - Recordable Injuries
  - Days Away from Work
  - Immediate notification of incidents
  - Written report within 24 hours



# CONTRACTOR QUALIFICATION

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- Prime Contractor Qualifications & Approval
  - First step is to register at the following web address and reference “SARP10 Program” in the Products, Services, Location(s) field Web Address  
<http://bv.com/home/capabilities/service/Procurement>  
Then select **Supplier and Subcontractor Registration**, on the left hand side of the screen. Send an email to Ginny Dorsey [DorseyV@bv.com](mailto:DorseyV@bv.com) when this step has been completed.
  - During the second step, a Black & Veatch Sourcing Specialist will send a separate email requesting additional information for review and approval by Black & Veatch / OCI.



## SUB-CONTRACTOR QUALIFICATION

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- Sub-tier Qualifications & Approval
  - Must submit the “Request for Lower Tiered Usage Form” for every sub-tier
  - Sub-tier must be approved by OCI prior to contracting
- OCI will be reviewing for:
  - EMR < 1.00
  - Recordable Rate <3.5
  - DAFW < 1.2
  - Fatalities in past 3 years
  - OSHA citations in past 3 years



# LOSS CONTROL MANUAL

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- General Safety
- Emergency Procedures
- Security
- Environmental Operations Plan

### Environmental, Health, Safety and Security Documentation!

- Pre Construction Documents
  - Master JHA
    - Environmental control plans
    - Emergency Response & Remediation plan
  - Drug & Alcohol screening program
    - Pre Project for all employees within 10 days of work start.
  - Training
- During Construction
  - Daily JSA
  - Weekly Toolbox Talks
  - Competent persons
  - PPE & safety equipment requirements
  - Drug & Alcohol screening program
    - 10% random each month

### JHA

- Outlines all primary components of operations for the entire length of project, shows hazards for each operation, and recommendations on how to make it safe
  - IH Monitoring

### JSA

- Outlines specific tasks for day, hazards for each task, and how to protect employees while doing procedures
  - USE JHA FOR REFERENCE



## SPECIFIC CONDITIONS & HAZARDS

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- Confined Space program
  - Program uses one permit
  - Training and certification (Annual)
  - H<sub>2</sub>S, methane gas monitoring; continuous monitoring required
- Access & egress reviews
- Excavations & trenching
- Fall Protection requirements (6' no exception) this includes open man-holes.



## Environmental, health, safety and security

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- Questions ??

Riley Thompson

901-495-2649 O

606-359-1972 C

800-351-4301 F

[thompsonlr@overlandcontracting.com](mailto:thompsonlr@overlandcontracting.com) Preferred

<http://www.sarp10.com/facts/>



# SIGN-IN SHEET

<b>Project:</b> SSES Phase 5	<b>Meeting Date:</b> November 29, 2016
<b>Meeting:</b> Mandatory Pre-Preproposal Meeting	<b>Time:</b> 9:30 A.M.
<b>Facilitator:</b> Scott McAmis	<b>Place/Room:</b> Benjamin Hooks Library

Name	Company	Phone	E-Mail
Justin Avert	SARP 10	901-844-6554	justin-avert@gspnet.com
Lee Owens	SARP 10	901-237-0009	lee@allworldmail.com
Greg Anderson	McKim & Creed	757-435-7363	ganderson@mckimcreed.com
JEFF Grahon	HYDROMAX USA	502-548-8965	jeffgrahon@hydromaxusa.com
HEATH NELSON	VIS	205-834-2979	hnelson@videoindustrial.com
Matt Bruce	CCM	254-443-3476	mbruce@ccminc.us
Delton Edwards	CCM	901 297 7950	dedwards@ccminc.us
Tom Rabourn	Ace Pipe	615-920-6717	trabourn@acepipe.com
DAN HANNER	TREKK	901-333-9560	dhanner@trekkllc.com
Brock Stewart	River Services Company	901-833-1185	bstewart@riverservicescompany.com
David Hamberlin	TREKK	816-278-0339	dhamberlin@trekkllc.com
JOHNNY STANFELD	CCSI	513-413-3088	JohnnyStanfeld@ <sup>CHAMPION</sup> CHAMPION <sup>CHAMPION</sup> CHAMPION.NET
BILL McCLANAHAN	CCSE	513-405-6579	Bill@CHAMPION <sup>CHAMPION</sup> CHAMPION.NET
Marty Broussard	CES	225-678-7034	mbroussard@ces-ses.com
RONALD WILSON	SYNERGETIC	205-960-7374	rwilson@sesinc.us
BRAD DAVIS	B+V	(901) 378-7203	davisbj@bv.com
Gary Older	OCI	813-323-0502	oldergs@bv.com





# SIGN-IN SHEET

<b>Project:</b> SSES Phase 5	<b>Meeting Date:</b> November 29, 2016
<b>Meeting:</b> Mandatory Pre-Proposal Meeting	<b>Time:</b> 9:30 A.M.
<b>Facilitator:</b> Scott McAmis	<b>Place/Room:</b> Benjamin Hooks Library

Name	Company	Phone	E-Mail
Justin Avent	SARP10	901-849-6554	justin_avent@gspnet.com
Lee Owens	SARP10	901-237-0009	Lee@allworldmail.com
Greg Anderson	McKim & Creed	757-435-7363	ganderson@mckimcreed.com
Jeff Graham	Hydromax USA	502-548-8965	jeffgraham@hydromaxusa.com
Heath Nelson	VIS	205-834-2979	hnelson@videoindustrial.com
Matt Bruce	CCM	256-443-3476	mbruce@ccminc.us
Delton Edwards	CCM	901-297-7950	dedwards@ccminc.us
Tom Rabourn	Ace Pipe	615-920-6717	trabourn@acepipe.com
Dan Hanner	TREKK	901-333-9560	dhanner@trekllc.com
Brock Stewart	River Services Company	901-833-1185	bstewart@riverservicescompany.com
David Hamberlin	TREKK	816-278-0339	dhamberlin@trekllc.com
John Stanfield	CCSI	513-413-3088	j.stanfield478@yahoo.com
Bill McClanahan	CCSI	513-405-6529	bill@championcleaning.net
Martin Broussard	CES	225-678-7034	mbroussard@ces-sses.com
Ronald Wilson	Synergetic	205-960-7374	rwilson@sesinc.us
Brad Davis	B&V	901-378-7203	davisbj@bv.com
Gary Older	OCI	813-323-0502	oldergs@bv.com
Shane Sangalli	MOS Env/Redzone	501-414-1885	shanes@mosenv.com
Aaron Mullis	Magnolia Underground	423-774-4116	aaron@mgundergtroundllc.com
JT Malasri	Malasri Engineering	901-602-2889	JT@malasriengineering.com
Kieu-Anh Tran	Q Solutions Inc.	404-579-5779	Ka.tran@qsiworld.com
Scott Helfrick	ADS	770-639-7795	shelfrick@idexcorp.com
Charlotte Reed	CTR Coatings	317-797-7214	ctrcoatings@gmail.com
AJ Robinson	AWPM	901-497-9944	aj@allworldmail.com





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**Section 3**

**RFP updates to 00180.3 Scope of Work, 00380.3.1 Unit Price Proposal Form for 78.0055 Wolf Interceptor and 78.0056 Nonconnah Interceptor, and Minority/Women Business Enterprise Compliance Form**

## 00180 - Request for Proposal

### 00180.1 Introduction

This Request for Proposal ("RFP") is comprised of the documents listed below:  
179821.78.0052 Complete RFP // pdf Format  
179821.78.0052 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:

#### **SERVICE CONTRACT 78.0052 – Wolf North Tributaries (WN04)**

*Task: CONDITION ASSESSMENT OF SANITARY SEWER LINES AND MANHOLES*

Service Contractor 78.0052 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 5 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The Wolf North Tributaries (WN04) would be assigned to Service Contractor 78.0052.

#### **SERVICE CONTRACT 78.0053 – Wolf South Tributaries (WS03-1, WS03-2)**

*Task: CONDITION ASSESSMENT OF SANITARY SEWER LINES AND MANHOLES*

Service Contractor 78.0053 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 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The Wolf South Tributaries (WS03-1, WS03-2) would be assigned to Service Contractor 78.0053.

#### **SERVICE CONTRACT 78.0054 – Nonconnah North Tributaries (NN04-1, NN04-2)**

*Task: CONDITION ASSESSMENT OF SANITARY SEWER LINES AND MANHOLES*

Service Contractor 78.0054 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 4~~ Phase 5 Area. This work would consist primarily of smaller diameter assessment in residential and easement locations. The Nonconnah North Tributaries (NN04-1, NN04-2) would be assigned to Service Contractor 78.0054.

#### **SERVICE CONTRACT 78.0055 – Wolf Interceptor (WO01, WO02, WO03, WO04)**

*Task: CONDITION ASSESSMENT OF SANITARY SEWER LINES AND MANHOLES*

Service Contractor 78.0055 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the interceptor sanitary sewer lines (54" and greater) and associated manholes in the assigned ~~Phase 4~~ Phase 5 Area. This work would consist primarily of large diameter sewer interceptor assessment and necessary cleaning along the Wolf River. The Wolf Interceptor (WO01, WO02, WO03, WO04) would be assigned to Service Contractor 78.0055.

#### **SERVICE CONTRACT 78.0056 – Nonconnah Interceptor (NO01, NO02, NO03, NO04)**

*Task: CONDITION ASSESSMENT OF SANITARY SEWER LINES AND MANHOLES*

Service Contractor 78.0056 shall be responsible for completion and correct documentation per Technical Specifications of a condition assessment of the interceptor sanitary sewer lines (54" and greater) and associated manholes in the assigned ~~Phase 4~~ Phase 5 Area. This work would consist primarily of large diameter sewer interceptor assessment and necessary cleaning along the Nonconnah Creek. The Nonconnah Interceptor (NO01, NO02, NO03, NO04) would be assigned to Service Contractor 78.0056.

**Table 00380.3.1 - Unit Price Proposal Form**

<b>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.</b>					
<b>Proposal Submitted by</b> (Company Name) _____					
<b>00380.3 Proposal Pricing Information</b>					
<b>00380.3.1 Unit Pricing</b>					
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.					
<b>00380.3.1.1 Unit Prices</b>				<b>Bidder Response</b>	
<b>Item Number</b>	<b>Item Description</b>	<b>Unit of Measure</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Extension Price</b>
<b>78.0055 Wolf Interceptor (WO01, WO02, WO03, WO04)</b>					
<b>Manholes</b>					
00001-6.01	GPS at Submeter Accuracy	Each	172	\$ -	\$ -
00001-6.03.b	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - with 3D Scan	Each	172	\$ -	\$ -
<b>Dye Testing</b>					
00002-6.02.a	Dye Testing Type 1	Each	15	\$ -	\$ -
00002-6.02.b	Dye Testing Type 2	Each	15	\$ -	\$ -
00002-6.02.c	Dye Testing Type 3	Each	5	\$ -	\$ -
00002-6.03.a	Dye Testing Type 1	Man Hour	50	\$ -	\$ -
00002-6.03.b	Dye Testing Type 2	Man Hour	50	\$ -	\$ -
00002-6.03.c	Dye Testing Type 3	Man Hour	50	\$ -	\$ -
<b>CCTV</b>					
00004-6.01	Sonar/TV				
	24 inch pipe	LF	1,705-	\$ -	\$ -
	30 inch pipe	LF	1,660-	\$ -	\$ -
	36 inch pipe	LF	25,530-	\$ -	\$ -
	42 inch pipe	LF	12,470-	\$ -	\$ -
	48 inch pipe	LF	3,470-	\$ -	\$ -
	54 inch pipe	LF	11,575	\$ -	\$ -
	60 inch pipe	LF 17,875	25,960	\$ -	\$ -
	66 inch pipe	LF	5,275-	\$ -	\$ -
	72 inch pipe	LF 18,570	14,850	\$ -	\$ -
	84 inch pipe	LF 3,280	29,785	\$ -	\$ -
	90 inch pipe	LF	12,000-	\$ -	\$ -
	96 inch pipe	LF 27,890	23,625	\$ -	\$ -
	108 inch pipe	LF	1,440-	\$ -	\$ -
	120 inch pipe	LF	3,280	\$ -	\$ -
00005-6.01	Interceptor & Manhole Cleaning	Crew Hour 240	220	\$ -	\$ -
<b>Miscellaneous</b>					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
<b>78.0055 Wolf Interceptor (WO01, WO02, WO03, WO04) Subtotal Estimated Unit Price Value</b>					<b>\$ -</b>

**Table 00380.3.1 - Unit Price Proposal Form**

<b>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.</b>					
<b>Proposal Submitted by</b> (Company Name)					
<b>00380.3 Proposal Pricing Information</b>					
<b>00380.3.1 Unit Pricing</b>					
<p>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.</p>					
<p>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.</p>					
<b>00380.3.1.1 Unit Prices</b>					<b>Bidder Response</b>
Item Number	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Extension Price
<b>78.0056 Nonconnah Interceptor (NO01, NO02, NO03, NO04)</b>					
<b>Manholes</b>					
00001-6.01	GPS at Submeter Accuracy	Each	137	\$ -	\$ -
00001-6.03.b	Manhole Assessment and Certification Program (MACP) Level 2 Inspection - with 3D Scan	Each	137	\$ -	\$ -
<b>Dye Testing</b>					
00002-6.02.a	Dye Testing Type 1	Each	15	\$ -	\$ -
00002-6.02.b	Dye Testing Type 2	Each	15	\$ -	\$ -
00002-6.02.c	Dye Testing Type 3	Each	5	\$ -	\$ -
00002-6.03.a	Dye Testing Type 1	Man Hour	50	\$ -	\$ -
00002-6.03.b	Dye Testing Type 2	Man Hour	50	\$ -	\$ -
00002-6.03.c	Dye Testing Type 3	Man Hour	50	\$ -	\$ -
<b>CCTV</b>					
00004-6.01	Sonar/TV				
	<del>24 inch pipe</del>	<del>LF</del>	<del>1,705-</del>	<del>\$ -</del>	<del>\$ -</del>
	<del>30 inch pipe</del>	<del>LF</del>	<del>1,660-</del>	<del>\$ -</del>	<del>\$ -</del>
	<del>36 inch pipe</del>	<del>LF</del>	<del>25,530-</del>	<del>\$ -</del>	<del>\$ -</del>
	<del>42 inch pipe</del>	<del>LF</del>	<del>12,470-</del>	<del>\$ -</del>	<del>\$ -</del>
	<del>48 inch pipe</del>	<del>LF</del>	<del>3,470-</del>	<del>\$ -</del>	<del>\$ -</del>
	60 inch pipe	LF	17,875	\$ -	\$ -
	66 inch pipe	LF	5,275	\$ -	\$ -
	72 inch pipe	LF	18,570	\$ -	\$ -
	84 inch pipe	LF	3,280	\$ -	\$ -
	90 inch pipe	LF	12,000	\$ -	\$ -
	96 inch pipe	LF	27,890	\$ -	\$ -
	108 inch pipe	LF	1,440	\$ -	\$ -
00005-6.01	Interceptor & Manhole Cleaning	Crew Hour	<del>240-</del> 200	\$ -	\$ -
<b>Miscellaneous</b>					
	Mobilization and Demobilization (not to exceed 8% of the total of all other bid items or \$50,000)	Lump Sum	1	\$ -	\$ -
<b>78.0056 Nonconnah Interceptor (NO01, NO02, NO03, NO04) Subtotal Estimated Unit Price Value</b>					<b>\$ -</b>

