



**Request for Bid  
Mud Island Interceptor and Manhole Rehab Addendum # 1 to  
RFB No. 179821.71.0404  
March 8, 2016**



The following information encompasses Addendum # 1 for the above referenced RFB. Bidders shall fully consider and acknowledge this Addendum in the preparation and submittal of its formal Bid. Failure to do so may result in the rejection of the Bid.

Section 1 – Mandatory Pre-Bid Meeting Notes and Sign-In Sheet

**\*\*Please note that questions submitted via email not addressed in this addendum will be addressed in the final addendum issued on Thursday, March 10, 2016**

All other conditions and requirements remain unchanged

**Mandatory Pre-Bid Meeting Notes and Sign-In Sheet**

**Q1:** Structure WO010174 is indicated on the Mud Island maps as one of the manholes to be lined. This is not a standard 4' diameter manhole; it is a rectangular structure approximately 16.5' x 8' x 23 VF. Will you consider listing this structure as a separate line item so that the vertical foot price for lining this structure does not skew the vertical foot price of the standard 4' diameter manholes?

**SARP10:** Yes, this manhole will be separated as a separate line item and will include any work done to access the 60" incoming pipe for CIPP.

**Q2:** With limited to no access in WO010174, would the owner consider adding another bid item to remove the top of the structure?

**SARP10:** Yes, this item will be included in the manhole rehabilitation line item for this structure.

**Q3:** Will SARP10 provide flow data for the 60" line being rehabilitated?

**SARP10:** Flow data has not been obtained for the project area.

**Q4:** Will Black & Veatch consider alternate technologies for lining the 60" interceptor? We would like to submit a spin-cast geopolymer as an alternate.

**SARP10:** At this time, we will not be making any changes to the Specification to allow products other than CIPP to be used to rehabilitate the 60" interceptor.

**Q5:** Will the Owner supply Flow Data on 60", and the 24" and 36" lines coming into the 60" and junction box, respectively?

**SARP10:** Flow data has not been obtained for this area.

**Q6:** Will the owner please supply a detailed drawing of the structure on lower end of 60" piping?

**SARP10:** All drawings and plans for the interceptor and structures known to SARP10 have been provided in the RFB.

**Q7:** All of the manholes on this project appear to be located in a flood plain. Would the owner consider adding a bid item to replace the current MH ring and cover with a bolt down?

**SARP10:** No, the Owner plans to keep the existing frames and covers at this time.

**Q8:** Why are there bid items in the manhole rehab section for bypass of the structures if they are apparently only being coated to the flowline? Please clarify.

**SARP10:** The bypass line item for each manhole covers incoming pipes from adjoining local sewers that enter the system at the manholes. Both special structures (FS031014 and FS031000) have known incoming pipes that will need to be bypassed and while SARP10 does not anticipate the contractor requiring bypass pumping for standard manhole FS031211, the line item exists in case the contractor feels otherwise.



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**Q9:** Please clarify where the heavy cleaning is located. Is this identified and scoped work, or is this simply in the event it is encountered?

**SARP10:** The heavy cleaning listed is to provide payment in the event heavy cleaning is required.

**Q10:** Will the Owner please confirm the entire length of pipe to be lined is reinforced concrete pipe?

**SARP10:** The SARP10 team has reviewed the PACP for the interceptor to be lined and believes that the lines are reinforced concrete in their entirety. However, the PACP has been provided to the contractors for reference and it is ultimately the contractor's responsibility to determine the pipe material to design and install the CIPP accordingly.

**Q11:** What is the intent of the post-rehab sonar inspection, since we are already cleaning, videoing and CIPP lining the pipe? Please clarify.

**SARP10:** The intent of the post-rehab sonar inspection is to provide a record of the most up to date condition of the lines. If the contractor cannot obtain post-CIPP CCTV while the bypass pumps are still in place, the contractor will be responsible for conducting CCTV and sonar in accordance with the specification.

**Q12:** Please clarify the depth of water for which the CIPP is to be designed, such that all bidders are designing for the same depth(s)? There appears to be a difference between the groundwater design depths and the ground surface elevation. Is this due to flood waters? Please clarify.

**SARP10:** In accordance with Specification Section 09910 2.07.A.5., the CIPP should be designed such that the groundwater elevation is at the ground surface.

**Q13:** Will fiber-reinforced composite CIPP be allowed? The composite CIPP is stronger than standard CIPP and could be beneficial to the City, given the diameters of the piping to be CIPP lined. Please also allow the design of the composite CIPP to be per manufacturer's specs, as it differs from standard CIPP design due to the strength of the fiber reinforcement.

**SARP10:** At this time, the City of Memphis has not approved the use of fiber-reinforced CIPP.



## SIGN-IN SHEET

<b>Project:</b>	SARP10 Mud Island Interceptor & Manhole Rehab	<b>Meeting Date:</b>	3/3/2016
<b>Meeting:</b>	Pre Bid	<b>Time:</b>	9:30 AM – 10:30 AM
<b>Facilitator:</b>	Brad Davis	<b>Place/Room:</b>	Benjamin Hooks Library

Name	Company	Phone	E-Mail
Lee Bean	Beant Prince	901 774-5937	
Felicia Bean Barnes	Hibbard Inshore	901.774.5237	feliciabeanbarnes@comcast.net
Bobby Cagle	INSITUFORM	281-898-0628	bcagle@insituform.com
Jacob Worley	Proshot Concrete	1-866- <sup>635</sup> -3141	JWorley@proshotconcrete.com
JAKE CROWE	IPR	803-206-2444	jcrowe@teamipr.com
Troy Reed	CTR Coatings	817-710-2144	troy@ctrcoatings.com
Sam Wisener	Quadex	501-772-5244	sam.wisener@quadexonline.com
Jordan Wisener	Quadex Lining Sys	501 690 2752	jwisener@quadexonline.com
Ferrell Richards	WRT Contracting Corp	901-331-1780	ferrellrichards@gmail.com
GERALD HALL	SAK	913-259-0055	ghall@sakcon.com
William Hammond	SUNCOAST	601-932-2060	LCAMPBELL@SUNCOAST INFRASTRUCTURE.COM
Michael Gates	XYLUM	901-481-1543	mgates@xyluminc.com
JOSH FORSMAN	GEODESY	901 830-4859	mail@GEODESYPS.COM
Josh Crabuski	Rehsol Fun		Josh.Crabuski@rcsc.wv
Gary Older	OCI	813-323-0502	oldergs@bv.com
BRAD DAVIS	BTV	(901) 378-7203	davisbj@bv.com
Brock Stewart	River Services	(901) 833-1105	bstewart@riverservicescompany.com
Kris Embry	Hibbard Inshore	412 999 4783	Kris.embry@hibbardinshore.com

