



Request for Bid
Loos Interceptor Diversion Construction Addendum No. 1 to
RFB No. 199498.71.0394
April 22, 2019



The following information encompasses Addendum No. 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 Questions, Additional Bidder Questions Received to Date, and Sign-In Sheet

Section 2 – Safety Alerts

All other conditions and requirements remain unchanged.

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

Q1: Will this be open cut or horizontal boring, tunnel or micro tunnel?

SARP10: From the plans, the pipe installation methods used on this project will be open-cut (gravity sewer) and horizontal directional drilling (3-barrel siphon).

Q2: Is there a process to get an exemption for Hydroexcavation or hand digging?

SARP10: Hand-digging or Hydroexcavation will be required. However, if there is an area the contractor feels it is not necessary for instance in a section of woods, they can in writing request an exemption for that specific area and give their reasonings and evidence as to why it is not needed. The request will be considered but approval is not guaranteed.

Q3: Do we need to dig across the Hydroexcavation area in wide trench areas?

SARP10: Yes.

Q4: Are their qualification requirements for the STA's that are done every day?

SARP10: The STA form will be provided and must be done as a crew daily and when the work changes for that crew. The entire crew is required to be present and give input when the STA Is being completed.

Q5: What is the depth requirement for engineer designed trench stabilization?

SARP10: Excavations greater than 20' depth require the Trench Stabilization to be designed and the plan(s) sealed by a Professional Engineer licensed in the State of TN.

Q6: Is there a list of DBE firms that are qualified with Black & Veatch?

SARP10: No, SARP10 does not keep a list of DBE subs. You can call or email Riley Thompson (901-495-2649, thompsonLR@bv.com) and he can assist you. However, an M/WBE firm must also be on the City's list of certified M/WBE firms.

Q7: I didn't see any 72" manholes on the bid form? Please clarify.

SARP10: Yes, there are 4-72" diameter manholes adjacent to the siphon structures. The plans and bid form on the SARP 10 website www.sarp10.com/projects/, show the 72" diameter manholes.

Q8: What is the line item for the alternate? Please clarify.

SARP10: The line item for Bid Alternate No.1, 60" Fiber Reinforced (FRP) Pipe, is the additional cost per linear foot above the cost of the 54" FRP to increase the size of from 54" in diameter to 60" in diameter.



SIGN-IN SHEET

Project: Loosahatchie Sewer Interceptor Diversion	Meeting Date: April 16, 2019
Meeting: Pre-Bid (Mandatory)	Time: 9:30 A.M.
Facilitator: Jerry Caldwell	Place/Room: Benjamin L Hooks Library

Name	Company	Phone	E-Mail
Terrell Richards	W/T Contractors	901-331-1780	terrell.richards250@gmail.com
Wiley Richards	" "	901-497-091	WileyRichards@MSU.com
Carolina Karasinski	UNITED RENTALS <small>Trench</small>	901-480-9081	ckarasinsk@ur.com
Jason Blankenship	United Rentals Trench Safety	731-803-9358	jblankensh@ur.com
Sean Reagan	United Rentals Pump	901-302-5523	sreagan@ur.com
RON HALL	Acuff Ent., Inc	901-386-1981	RON@ACUFFENTERPRISES.COM
Chris Bulloch	S+J Construction	501-247-2298	cabulloch@gmail.com
NATE KENDALL	FISHER ARNOLD	731-592-4777	nkendall@fisherarnold.com
Debbie Ferrer	ENSCOR, LLC	901-867-2297	debbie@enscor.net
Chad Siegfried	We Pipe Cleaning	866-627-9819	csiegfried@acpipe.com
AUSTIN ACUFF	Acuff Ent., Inc	901-691-8398	AUSTIN@ACUFFENTERPRISES.COM
David Massey	Sunbelt Rentals	901-333-2690	pcm261@sunbeltrentals.com
Bob Capicovic <small>FOR KEN DAVIS</small>	THOMPSON PIPE GROUP	614-440-5441	KDavis@THOMPSONPIPEGROUP.COM
Joe Tipton	Hobas	615-922-0665	jtipton@hobaspipe.com
Roger King	GARNEY CONST	615-207-5365	GARNEYNASHVILLE & GARNEY
James Hinte	MUC	901-238-7985	JHINTE@maxholavunkejuni.us
Patricia Cordova	Small Business Services	901-318-0590	Office@smallbusinessserv.net



Name	Company	Phone	E-Mail
Wiley Richards	WIT Conf		
Jacob Wiley	AUPM	901-577-1101	jacobs@allworldmail.com
Michael Gates	Xylem	901-481-1543	michael.gates@xyleminc.com
Ken Blackman	Rain for Rent	618-610-4026	kblackman@rainforrent.com
Mark Calvert	Acc Pipe Cleaning	816-241-2891	mcalvert@accpipe.com



Name	Company	Phone	E-Mail
JERRY Caldwell	BV	536-536-5832	caldwellj@bv.com
Morgan Unger	BV	(814) 825-3888	ungerm2@bv.com
Zach Morton	BV	901.282.5007	zmorton@bv.com
Joe J. Collins	OC 1	731.616.0923	Collinsjj@bv.com
Justin Avent	SARP 10	901-844-6554	justinavent@rehamsmith.com
Riley Thompson	BV	9014952649	ThompsonLR@bv.com



Mandatory Pre-Bid Meeting Attendee List



Program: SARP10	Meeting Date: April 16, 2019
Project: Loos Interceptor Diversion Construction	Time: 9:30AM
Facilitator: Jerry Caldwell	Place/Room: Benjamin Hooks Public Library

Name	Company	Phone	E-Mail
Terrell Richards	W&T Contracting	901-331-1780	terrellrichards250@gmail.com
Wiley Richards	W & T Contracting	901-497-1291	wileyrichards@msn.com
Carolina Karasinski	United Rentals	901-486-9681	ckarasinsk@ur.com
Jason Blankenship	United Rentals Trench Safety	731-803-9358	jblankensh@ur.com
Sean Reagan	United Rentals Pump	901-302-5523	sreagan@ur.com
Ron Hall	Acuff Enterprises	901-386-1981	ron@acuffenterprises.com
Chris Bullock	S&J Construction	501-247-2298	cabullock@gmail.com
Nate Kendall	Fisher Arnold	731-592-4777	nkendall@fisherarnold.com
Debbie Ferrer	Encor, LLC	901-867-2297	debbie@encor.net
Chad Siegfried	Ace Pipe Cleaning	816-627-9819	csiegfried@acepipe.com
Austin Acuff	Acuff Ent., Inc	901-619-8398	austin@acuffenterprises.com
David Massey	Sunbelt Rentals	901-333-2690	Pcm261@sunbeltrentals.com
Bob Capkovic	Thompson Pipe Group	614-440-5441	kdavis@thompsonpipegroup.com
Joe Tipton	Hobas Pipe	615-922-0665	jtipton@hobaspipe.com
Roger King	Garney	615-207-5365	garneynashville@garney.com
James Hinte	Magnolia Underground	901-238-7985	jhinte@magnoliaunderground.us
Patricia Cordova	Small Business Services	901-348-0590	office@smallbusinessserv.net
Jaocb Wiley	SARP10	901-574-1101	jacob@allworldmail.com
Michael Gates	Xylem	901-481-1543	michael.gates@xylem.com
Ken Blackman	Rain for Rent	618-610-4026	kblackman@rainforrent.com
Mark Calvert	Ace Pipe Cleaning	816-241-2891	mcalvert@acepipe.com



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Section 2
Safety Alerts



Safety Alert: Glove Policy Change

As a result of continued hand injuries, we have changed the minimum glove requirement and clarified when to wear what gloves. Black & Veatch policy now states:

Hand Protection is required to be worn on all construction sites by all employees and contractors when in active construction areas or as designated in the Site Specific Safety Plan or Loss Control Manual. On services jobs or other locations, projects or offices a PPE Hazard Assessment (Attachment A) must be completed to determine the proper PPE required, when and where it will be used, training considerations, as well as care, use and replacement of PPE.

The minimum general use glove must meet ANSI (2016) cut level 2 or Europe EN388-2016 level B. Specialty gloves must be determined by completing a hazard assessment. Potential hand hazards include; skin absorption of harmful substances, severe abrasions, lacerations, punctures, chemical burns, thermal burns, and harmful temperature extremes. Safety Data Sheets provide the necessary information on the type of glove to be used when chemicals are handled.

Employees engaged in wire or coaxial cable cutting, stripping, or grounding installation must wear gloves with cut-resistant material (ANSI level 4 or EN388 level D). Higher level cut-resistant gloves must also be worn while employees are handling sharp material.

SELECTING THE RIGHT GLOVE FOR THE TASK

Active construction sites expose workers' hands to a variety of physical hazards. **Many hazards can be reduced or eliminated by wearing the proper gloves for the task. Gloves will be required for all work performed in the field on project sites** as noted in the above referenced policy.

Work gloves do not always provide 100% protection from all hazards and are not a substitute for safe work practices and engineering controls. Employees/Contractors must be aware of their task(s), hand placement; high visibility gloves may be necessary for an extra level of awareness.

During the task planning process, consideration of the correct PPE including gloves must be reviewed. Proper gloves must be available on jobsites for the various tasks and hazards that will be present.

A properly fitted glove is essential in providing adequate protection. Gloves must be provided that fit the employee's hands properly or as designed. Gloves that are too big or too small could lead to additional hazards.

All gloves offer some degree of protection, with advantages and disadvantages associated with each type. When a potential hazard to the hands is identified, a task specific glove that best eliminates the hazard must be identified and used.

Questions on this new policy may be directed to your Business Unit Safety Manager.





Below are recommended glove types for several routine applications of job sites:

Image	Type	Application
<p>Material Handling</p> 	<p>High Visibility Cut resistant gloves</p>	<p>General All-Purpose Material Handling. Cut resistant level 2 resistance. Absorbs some impact. Shields against sparks and provides some thermal resistance.</p>
	<p>Latex Coated Knit Glove</p>	<p>Good for carpentry and housekeeping tasks. Provides excellent wet grip, puncture and abrasion resistance.</p>
	<p>Light weight cut resistant with impact protection (High Visibility)</p>	<p>General All-Purpose Material Handling. Longer life. Absorbs some impact. Shields against sparks and provides thermal resistance.</p>
	<p>Heavy duty gloves- Rigging</p>	<p>Heavy Duty Material Handling. Maximum puncture resistance. Provides protection from cuts and punctures</p>



<p>Concrete Work – Chemical Handling</p> 	<p>Premium Double-Dipped PVC</p>	<p>Prevents hand contact with mild chemicals, oils and solvents, and strong acids. Good for construction, concrete, mining, petroleum and refining work.</p>
<p>Mechanical Work</p> 	<p>Mechanix Gloves</p>	<p>Synthetic leather palm and index finger. Protect against contact with hot surfaces. Mechanical work with good sensitivity and dexterity.</p>
<p>Welding and Cutting</p> 	<p>Welder Gloves</p>	<p>Protects hands from heat and welding sparks. Use when cutting and welding.</p>
<p>Cut-Resistant</p> 	<p>Kevlar Gloves Cut ANSI (2016) Cut 5-9 ratings</p>	<p>Use when cut resistance is the main goal. Activities when very sharp edges or punctures are the concern.</p>



<p>First Aid</p> 	<p>Latex Exam Gloves</p>	<p>Industrial, health care and laboratory applications. Safety office use, in all First Aid kits and cabinets on site and in vehicles.</p>
<p>Anti-Vibration</p> 	<p>Anti-Vibration Gloves</p>	<p>Use when working with high vibration tools like bushing hammers, jack hammers, compactors, etc.</p>





Safety Alert: Cutting Tools and Knives

As a result of continued hand injuries, Black & Veatch has changed the open blade/knife policy which now states:

Open Bladed Tools - Open Bladed Tools/Knives (including Leatherman's, pocket knives, fixed blade knives, utility knives, box cutters, etc.) shall be prohibited by all employees and contractors on all company-controlled sites or locations unless specifically approved by the Business Unit Safety Manager for a specific task where alternatives are NOT available. Approval to use the open bladed tool must be in writing and shall detail the hazard(s) associated with the tool and ways the hazard(s) will be controlled or eliminated.

Completing tasks using open bladed tools and knives is very dangerous and has caused numerous injuries to our professionals, contractors and associates.

Many accidents involving open bladed knives occur for the following reasons:

- Drawing the knife towards you instead of away from your body.
- Working with a dull blade. (Dull blades require more pressure, increasing the potential for injury.)
- Trying to cut more than the knife can handle.
- Failing to wear Personal Protective Equipment.
- Neglecting to inspect the tool before use.
- Using a knife to complete a task designed for another tool.

Use the right cutting/stripping tool for the job. Discuss the different options and the proper tool during your STA. If the only option for the task is to use a knife, it MUST be approved (in writing) through site/facility leadership up to the Business Line Safety Manager.

KEEP IN MIND THE FOLLOWING SAFETY PRECAUTIONS WHEN USING CUTTING TOOLS:

- Wear safety glasses to protect your eyes in case the blade breaks.
- ALWAYS WEAR CUT RESISTANT GLOVES!
- Cut away from your body not towards.
- Keep extremities out of the cutting path.
- If the application allows, use one of the new knives on the market with a shielded knife surface.
- Consider using a round tip blade if the application allows for such.
- Do not apply too much pressure on the blade.

UNLESS APPROVAL IS PROVIDED EMPLOYEES/CONTRACTORS ARE NOT ALLOWED TO USE AN OPEN BLADE KNIFE TO COMPLETE ANY OF THE FOLLOWING TASKS:

- Skinning/Stripping wire
- Cutting zip ties
- Opening bags
- Opening boxes
- Making marks for measuring
- and any other task(s) not listed above.



Proper planning must go into each task and the proper tools to complete that task must be available on the job site before the task is attempted.






THE USE OF ANY TYPE OF EXPOSED BLADE KNIFE/RAZOR/NON-LOCKING BLADE IS PROHIBITED

APPROVED CUTTING TOOLS

Task	Tool Description
<p><u>Cutting</u></p> <ul style="list-style-type: none"> • Bubble wrap or film • Foam • Twine/string • Thin sheet materials • Cardboard 	<p>Concealed Blade Cutter</p>
<ul style="list-style-type: none"> • Zip ties • Clipping wire ends • Cutting Wire 	<p>Side Cutters</p>
<ul style="list-style-type: none"> • Stripping Wire 	
<ul style="list-style-type: none"> • Cutting cable jackets • Semi-conductor & insulation from medium & large diameter electrical wires/cables 	
<p style="text-align: center;">For use only when no other options are available.</p> <p style="text-align: center;">**REQUIRES APPROVAL**</p>	



Examples of Prohibited Cutting Tools

Snap-Off Bladed Knives	Unguarded Locked Blade Utility Knives	All Pointed Tip Pocket Knives	Multi-Tool Pointed Tip Knife	Blades longer than 3"
				

If you are not sure if a tool is allowed, ASK! Our job is to help you find a better alternative, so you don't have to take the risk.

