



Central Purchasing

T. W. Sawyer, CPPO
Purchasing Agent

June 24, 2016

ADDENDUM NO. 3 - TO ALL BIDDERS

Reference – INVITATION FOR BID (IFB) #2002

LACKEY GRAVITY SEWER REHABILITATION – PHASE 1

Due Date: June 30, 2016

Final Date for Submitting additional questions for IFB2002: 5:00pm EST,
June 23, 2016

Item #1: Please see the Addendum (attached) in regards to Alternative Materials.

All other terms and conditions remain the same.

Note: A signed acknowledgment of this addendum must be received by this office either prior to the due date and hour or attached to your proposal. Signature on this addendum does not constitute your signature on the original document. The original document must be signed also.

Sincerely,
Janet Haney
Janet Haney
Management Analyst
Phone: (757)890-3680

Name of Firm

Signature/Title

Date



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A Hampton Roads Community

Email: tsawyer@yorkcounty.gov



Addendum No. 3 – June 24, 2016

Lackey Gravity Sewer Rehabilitation – Phase 1

IFB No. 2002

This Addendum modifies the Contract Documents dated May 2016 as listed below, and is hereby incorporated into the Contract Documents. Bidder shall acknowledge receipt of this Addendum in the space provided on page 102-16 of the Bid Form (attached). Failure to do so may subject Bidder to disqualification.

Alternative Materials

1. Please find attached a submittal of “Or Equal” products for manhole rehabilitation:

<u>Description</u>	<u>Product In Lieu Of</u>	<u>Reference</u>
PerpetuCrete MSC	Liner Mix	Section 200, Paragraph 5.21.F.1.d(1)
PerpetuCrete CA	High Performance	Section 200, Paragraph 5.21.F.1.d(2)
PerpetuCoat	Epoxy Coating	Project Manual, Section 110, p. 5

The proposed materials meet most, but not all, performance requirements, as shown below, and are therefore rejected.

Coating	Standard	Description	Min. Value	PermaCrete MSC	
Liner Mix	ASTM-C-495	Compressive Strength	3,000 psi	4,310 psi	✓
	ASTM-C-293	Flexural Strength	600 psi	> 1,000 psi	✓
	ASTM-C-596	Shrinkage	0% at 90% RH	-0.068 (%)	✓
	ASTM-C-496	Tensile Strength	500 psi	570 psi	✓
	ASTM-C-267	Sulfite Resistance	No visible at pH of 2	+0.26	✓

Assumed % weight for sulfite resistance.

Coating	Standard	Description	Min. Value	PermaCrete CA	
High Performance	ASTM-C-109	Compressive Strength	9,000 psi	> 8,000 psi	✗
	ASTM-C-293	Flexural Strength	1,200 psi	> 1,000 psi	✗
	ASTM-C-596	Shrinkage	0% at 90% RH	-0.072 (%)	✓
	ASTM-C-496	Tensile Strength	>800 psi	720 psi	✗
	ASTM-C-267	Sulfite Resistance	No visible at pH of 2 or less	No loss of weight	✓

Insufficient information provided for compressive and flexural strength.

Coating	Standard	Description	Min. Value	PerpetuCoat	
Epoxy	ASTM-D-790	Flexural Strength	10,000 psi	13,900 psi	✓
	ASTM-D-695	Compressive Strength, Yield	10,000 psi	16,800 psi	✓
	ASTM-D-638	Tensile Strength	7,000 psi	12,400 psi	✓
	ASTM-D-638	% Elongation @ Max Load	1.5%	4.5%	✗
	ASTM-D-2240	Hardness, Shore D	80	72	✗

Maximum allowable elongation is 1.5%.

End of Addendum No. 3

52	5' Sanitary Sewer Manhole Extra Depth Rehabilitated with Epoxy Coating, Complete-in-Place	VLF	100		
53	5' Sanitary Sewer Manhole Replacement, Installed Complete-in-Place	Each	$\frac{2}{1}$		
54	6" PVC Gravity Sewer Main Internal Drop Assembly, Installed Complete-in-Place	Each	1		
55	Plug and Abandon External Drop Connection, Remove Drop Tee, Replace 18' of 8" Sewer with DI Casing, Installed Complete-in-Place	Each	1		
			Total		

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities provided, determined as provided in the Contract Documents. The prices quoted shall include without exception all materials, supervision, labor, equipment, appliances, clean-up, incidental items, applicable sales, use and other taxes, insurance, building permit or fees, and the Contractor's labor, overhead, profit, mobilization and other mark-ups, and in full accordance with the Contract Documents. Include allowance for waste where appropriate. The unit prices shall be maintained throughout the Contract Time. Unit prices shall be used in determining additions or deductions from the total Contract Price in the event of changes due to unforeseen conditions in the Work.

B. ADDENDA

The undersigned acknowledges receipt of the following addenda:

Addendum No. 1 Dated: June 20, 2016

Addendum No. 2 Dated: June 23, 2016

Addendum No. 3 Dated: June 24, 2016

C. We agree to enter into an Agreement with the **County of York**, Virginia within ten (10) days of the award of same to us for the price named in our Bid.

D. It is expressly agreed by us that the **County of York**, Virginia shall have the right to reject any and all Bids and to waive any minor non-substantive errors in the Bid and accept the Bid in the **County of York's** best interests.

E. In default of the performance on our part of the conditions of Bid, our failure to enter into an Agreement with the **County of York**, Virginia, within the time above set, we herewith furnish a Bid Security in the amount of \$, which shall be absolutely forfeited to the **County of York**, Virginia, but otherwise the said Bid Security shall be returned.

F. We agree to begin Work at any time we may be notified by the Owner, and complete all of the Work embraced in the Agreement within **180 Calendar Days**;

G. *[This applies to projects over \$200,000 unless otherwise indicated]*. I/We elect to utilize the Escrow Account Procedure described in the provision of this bid if determined to be the successful low Bidder. _____
(write "Yes" or "No").

_____ Bid total does not qualify for escrow account option

H. The undersigned has read all sections under "Instructions to Bidders."

I. By signing, each signatory acknowledges any strike-throughs contained herein, unless hand-written.

J. \