Insituform Technologies, LLC

Shielding the World's Infrastructure

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November 5, 2014

VIA EMAIL (jeff.gossage@nashville.gov) ONLY

Jeff Gossage
Purchasing Agent
Procurement Division
Lindsley Hall
730 Second Ave., South
Nashville, TN 37219

RE: Shelby Park Rehabilitation – Area 3 – Greenland Avenue RFQ 629873 (the "Project")
Bid Protest of Notice of Intent to Award to Layne Inliner
Post Hearing Brief of Insituform Technologies, LLC

Dear Mr. Gossage:

Insituform Technologies, LLC ("Insituform") hereby submits its Post-Hearing Brief, which seeks to clarify and address several issues discussed during the recent October 31, 2014 Administrative Hearing (the "Hearing"). As discussed in detail below, it is now evident to Insituform that the pending Metro Government of Nashville and Davidson County's ("Nashville Metro") Notice of Intent to Award the above-referenced Project to Layne Inliner ("Layne") cannot go forward. Indeed, for the reasons stated at both the Hearing and below, it is Insituform's position that Layne's bid must be deemed as either non-responsive for failing to list all of its subcontractors and therefore rejected, or in the alternative, be deemed as not meeting the minimum amount of SBE participation, and therefore rejected from consideration. Insituform is and remains the lowest, and only, responsive and responsible bidder and Nashville Metro must Award the Project to Insituform.

Significant Issues with Layne's Bid Documents: At numerous times during the Hearing, it was mentioned that Layne was "allowed" to submit post-bid documentation "at the request of Insituform." This is simply not true. In its October 16th letter, Insituform set out in detail the issues that Insituform saw with both Layne's Proposal Form and Subcontractor Report which seemed to indicate that Layne would have to self-perform the lateral lining work because Layne failed to list a subcontractor for that scope of work. After pointing out those issues, Insituform simply requested that "Nashville Metro inquire of Layne as to whether Layne will self-perform the lateral lining work, and if so, what is the true scope of work to be completed by CraftCo."

Exhibit #4

(*See* Insituform October 16th letter, at page 3. Emphasis added). In requesting that Nashville Metro make inquiries regarding the Bid Proposal and Subcontractor Report that Layne had submitted on the Bid Date, Insituform was in no way asking that Layne be allowed to "clarify" its bid after the fact, or make substantial and substantive post bid change to its Subcontractor Report.

At the Hearing there was a substantial amount of discussion regarding the Subcontractor Report that Layne had submitted on bid day. As Insituform had pointed out, both in its October 16th letter and at the Hearing, Layne had failed to include a subcontractor for the lateral lining portion of the Project. In reviewing the full text of the August 26, 2014 Request for Quotation 629873 (the "RFQ"), it should be noted that Nashville Metro required that:

> **Subcontractors** Offeror must enter all subcontractors on the appropriate form provided as part of the solicitation. The file should be attached to your response in Excel format and named "Subcontractor Form[1]". Include any SBE/SDV and MWBE suppliers on this form. (*See* page 9 of 41 of the RFQ). Emphasis added. (A copy of the relevant pages of the RFQ are attached hereto and incorporated herein by this reference).

The language of the RFQ clearly required that Layne list all subcontractors, at any level, on the Subcontractor Report as "part of the solicitation" on bid day. As detailed previously, on bid day, Layne listed only two (2) subcontractors for this Project:

1. CK Masonry Co. Inc. ("CK Masonry"), at $228,450, for "Manhole Rehabilitation;" and
2. CraftCo, at $3,520,738, for "Excavation/Pavement Restoration."

Insituform had previously noted that, because Layne had not listed a lateral lining subcontractor on its Subcontractor Report, the presumption was that Layne would self-perform that work. However, at the Hearing the representative from Layne stated unequivocally that Layne was not self-performing the lateral lining work and further stated that a sub-subcontractor to CraftCo – either BLD or Underground Eyes[2] – would be performing that work. Thus, under the clear and unambiguous language of the RFQ, Layne's bid must be deemed non-responsive because Layne failed to list "all subcontractors on the appropriate form provided as part of the solicitation." (*See* page 9 of 41 of the RFQ). Nashville Metro's RFQ does not provide any

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[1] Although the RFQ uses the term "Subcontractor Form," Nashville Metro used the term "Subcontractor Report" when it provided copies of the Offerors' bid documents. For clarity, this letter will continue to use the term "Subcontractor Report."

[2] There was some confusion as to whether the representative from Layne had stated that Underground Eyes or BLD would be performing the lateral lining. It is assumed that Layne's post-bid "clarification" actually named one of these companies, however, Insituform has not been provided with a copy of Layne's post-bid documentation, other that the quotes of CK Masonry and CraftCo, which are both silent on this issue.

mechanism whereby an Offeror can "amend" or "clarify" or "add to" the Subcontractor Report after the bid date.

Nashville Metro Miscalculated Layne's SBE Participation Dollars[3]: Within the enclosed Original Bid Tab provided by Nashville Metro, Layne had been given SBE "credit" in the amount of $3,749,188.00. At the Hearing, there had been a great deal of discussion as to whether Layne should be given full SBE credit, through CraftCo, for the lateral lining work that would be performed by a sub-subcontractor to CraftCo. Consistent with the language quoted above from the RFQ, it appears that Nashville Metro makes no distinction between a "first tier" subcontractor – with a direct contractual relationship with the Offerror – and a "second tier" subcontractor which has a direct contractual relationship with a first tier subcontractor to the Offeror. In this instance, the discussion centered on whether Layne should be given full SBE credit for the lateral lining work to be performed, by a yet-to-be-named sub-subcontractor to CraftCo. At the Hearing, Insituform, the Hearing Officer and the attendees from the Business Assistance Office ("BAO") were all concerned that giving full SBE credit for work performed by subcontractors lower than a first tier SBE subcontractor would permit Offerors to "game the system." Fortunately, it appears that this question has already been answered, in the negative, in the Nashville Metro RFQ itself which states, in pertinent part:

> **Assistance to Small (SBE) and/or Service Disabled Veteran-owned (SDV) Businesses** The Metro Procurement Code (§ 4.44) and Regulations (§§ R4.44.020.04) provide options for the Purchasing Agent to include a cost incentive to maximize the participation and performance of approved SBE/SDV businesses. If the Offeror is an SBE/SDV business, Metro considers the work it commits to self-perform. SBE/SDV businesses included in offers, must be registered online with Metro and approved by the Business Assistance Office prior to the solicitation closing date. (*See* page 9 of 41 of the RFQ). (Emphasis added).

As stated in the highlighted language above, Metro would only consider the work an SBE/SDV Offeror had committed to "self-perform," and by extension, Metro would only consider the actual work to be self-performed by an SBE subcontractor. Thus, it would stand to reason that Metro should not consider as SBE participation any work performed by an SBE subcontractor that the SBE subcontractor would not itself "self-perform," i.e. work that would actually be performed by a sub-subcontractor to the SBE subcontractor. In this instance, Metro should not give SBE credit to Layne for any work which CraftCo would not be self-performing. At the Hearing, the representative from Layne stated that a subcontractor to CraftCo – either BLD or Underground Eyes – would actually be performing the lateral lining work. In light of

[3] It should be noted that Insituform had been unable to raise this issue until after the Hearing because it was only at the Hearing that a representative of Layne disclosed that either BLD or Underground Eyes would actually be performing the lateral lining work, and not either Layne or CraftCo.

the language from the RFQ highlighted above, Metro should not, therefore, have given Layne full SBE credit for work that is to be performed by a sub-subcontractor to CraftCo. When Metro gave Layne full credit for work to be performed by a sub-subcontractor to CraftCo, Metro mistakenly calculated the Participation Incentive for Layne, and incorrectly deemed Layne to have been the apparent low bidder to be awarded the Project Contract. Metro provided the bidders with a Bid Tab for the RFQ with that information and calculations:

Enter Solicitation Title & Number Below						
Shelby Park Area 3 Construction; RFQ# 629873	Min. SBE/SDV Participation	Incentive Percentage	Incentive Calculator	Lowest Bid	MACP	Winning Bid
	20.0%	5.00%	95.00%	$5,633,925	$5,915,621	$5,718,975
Offeror's Name	Bids	SBE	Participation Requirement	Participation Incentive	Incentive Evaluation Amount	Status of ITB Award
SAK Construction LLC	$5,633,925	$917,450	$1,126,785	$871,578	$4,762,348	Min. SBE not met
Insituform Technologies LLC	$5,636,195	$1,477,665	$1,127,239	$1,403,782	$4,232,413	Evaluated
Layne Inliner LLC	$5,718,975	$3,749,188.00	$1,143,795	$3,561,729	$2,157,246	Awarded

After the Hearing, Insituform requested copies of all documents that had been submitted by Layne to Metro after the solicitation closing date. While Insituform's request was granted in part and in part deemed a Public Records Request, Insituform did receive copies of the subcontractor quotes that CK Masonry and CraftCo had allegedly submitted to Layne prior to the solicitation closing date. Those two subcontract quotes total the $3,749,188.00 amount shown above in the Original Bid Tab for Layne's SBE Participation amount: $228,450 for CK Masonry and $3,520,738 for CraftCo. (Copies of the CK Masonry and CraftCo quotes are enclosed).

A review of the CraftCo quote, however, reveals that Layne should not have been given full credit of the $3,520,738 amount because CraftCo will clearly not self-perform:

1. The $2,429,750 in lateral lining work, Items B-10 thru B-15, and B-48; and
2. The $ 225,000 in Allowance Items C-1 thru C-5.

$2,654,750

B-10	330188.1	Sanitary service renewals 15 feet or less in length by non-excavation trenchless lining	150	Each	$ 3,850.00	$ 577,500.00
B-11	330188.2	Sanitary service renewals 15.1 feet to 30 feet in length by non-excavation trenchless lining	375	Each	$ 4,450.00	$ 1,668,750.00
B-12	330188.2.1	Sanitary service renewals over 30 feet in length by non-excavation trenchless lining	100	Linear/Foot	$ 50.00	$ 5,000.00
B-13	330188.3	Sanitary service renewals 15 feet or less in length by non-excavation trenchless lining by "blind shot" with no cleanout installed	10	Each	$ 3,000.00	$ 30,000.00
B-14	330188.4	Sanitary service renewals 15.1 feet or greater in length by non-excavation trenchless lining by "blind shot" with no cleanout installed	10	Each	$ 3,600.00	$ 36,000.00
B-15	330188.5	Sanitary service renewals 6 inches in length by non-excavation trenchless lining including cutting, trimming and buffing with lateral seal	10	Each	$ 2,500.00	$ 25,000.00
B-48	N/S	Additional for CIPP trenchless lateral lining existing 4-inch by 6-inch transitions on service lines	100	Each	$ 875.00	$ 87,500.00
						$ 2,429,750.00

C-1	012901.10	Allowance for Excavation Permit Fees	1	Allowance	$ 50,000.00	$ 50,000.00
C-2	12901.11	Allowance for Traffic Control Fees	1	Allowance	$ 40,000.00	$ 40,000.00
C-3	12901.12	Allowance for Water and Sewer Utility Charges	1	Allowance	$ 25,000.00	$ 25,000.00
C-4	12901.13	Allowance for Additional Manhole Work	1	Allowance	$ 75,000.00	$ 75,000.00
C-5	12901.14	Allowance for Additional ADA Work	1	Allowance	$ 35,000.00	$ 35,000.00
						$ 225,000.00

Instead of the $3,749,188 of SBE credit Layne had been given on the Bid Tab, Metro should have only given Layne credit for $1,094,438 in SBE Participation:

$3,749,188
($2,654,750)
$1,094,438

Using the correct SBE Participation amount for Layne of $1,094,438 would result in Layne not achieving the minimum required SBE Participation (the same result as SAK Construction). I have attached a copy of a Revised Bid Tab that shows that the Award for RFQ 629873 should have been, and now must be given, to Insituform as the only responsive and responsible bidder:

Revised

Enter Solicitation Title & Number Below						
Shelby Park Area 3 Constructon; RFQ# 629873	Min. SBE/SDV Participation	Incentive Percentage	Incentive Calculator	Lowest Bid	MACP	Winning Bid
	20.0%	5.00%	95.00%	$5,633,925	$5,915,621	$5,636,195
Offeror's Name	Bids	SBE	Participation Requirement	Participation Incentive	Incentive Evaluation Amount	Status of IFB Award
SAK Construction LLC	$5,633,925	$917,450	$1,126,785	$871,578	$4,762,348	Min. SBE not met
Layne Inliner LLC	$5,718,975	$1,094,438	$1,143,795	$1,039,716	$4,679,259	Min. SBE not met
Insituform Technologies LLC	$5,636,195	$1,477,665	$1,127,239	$1,403,782	$4,232,413	Awarded

Conclusion: While the issue of whether an Offeror would be able to "game the system" by putting multiple scopes of work under an SBE Subcontractor was discussed at the Hearing, it appears that the issue has already been considered, and decided, by Nashville Metro when it issued RFQ 629873. Since the RFQ does not give an SBE Offeror SBE credit for work the SBE Offeror would not self-perform, it is clear that the same maxim would prevent an Offeror from getting SBE credit for subcontract work that its SBE subcontractor will not self-perform. When Layne's SBE Participation dollars are corrected to remove all of the work scope, and Allowance Items, that CraftCo will not self-perform, Layne's SBE participation dollar amount is $1,094,438 and not the $3,749,188 figure that Nashville Metro had previously used. Please note that Insituform is not saying that Nashville Metro purposely over calculated Layne's SBE participation. When Nashville Metro performed its initial SBE calculations, it did not have a copy of CraftCo's quote, and had not been informed by Layne that CraftCo would not be self-performing the lateral lining work items. Indeed, the documentation that Layne provided at the solicitation closing date, as previously pointed out by Insituform, did not contain any information as to which company or companies would be performing the lateral lining work. It was that failure by Layne that lead Insituform to file its initial October 16th Bid Protest Letter.

Now that Nashville Metro has finally been given all of the relevant information by Layne, Nashville Metro must follow the guidelines set forth in the RFQ regarding how to calculate Layne's SBE Participation amount given that Nashville Metro now knows, unequivocally, that CraftCo will not be self-performing the lateral lining scope of work (and cannot be "self-performing" Allowance items). It is Insituform's position that Nashville Metro should deem Insituform as the apparent low bidder and Award the Project Contract to Insituform.

Insituform reserves all rights.

Very truly yours,

INSITUFORM TECHNOLOGIES, LLC

Tod O'Donoghue

Tod O'Donoghue
General Counsel

Enclosures

CC: Rick Brown, Nashville Metro Assistant Purchasing Agent (via email only)
rick.brown@nashville.gov
Genario Pittman, Nashville Metro Buyer (via email only)
genario.pittman@nashville.gov

Request for Quotation 629873

Title	**Shelby Park Area 3 Construction**		
Preview Date	**26-AUG-2014 12:24:09**	Open Date	**26-AUG-2014 12:24:09**
Close Date	**23-SEP-2014 15:00:00**	Award Date	**Not Specified**
Time Zone	**Central Time**		

Please submit your response to:

Company	**Metro Govt Of Nashville and Davidson County**
Buyer	**PITTMAN, GENARIO**
Location	**Metro Govt Of Nashville and Davidson County**
Phone	**Not Specified**
Fax	
Email	**Genario.Pittman@nashville.gov**

When submitting your response, please include the following information.

Your Company Name	**Insituform Technologies, LLC**
Address	
Contact Details	
Response Valid Until	

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Standard Solicitation Requirements

the offer shall not serve as grounds for a protest.

If an offeror discovers any ambiguity, conflict, discrepancy, omission,or other error in the solicitation, they shall immediately request modification or clarification using the online discussion feature of iSupplier. Required modifications or clarifications will be issued by solicitation amendment.

.....

Target Value .
Type **No Response Required**

Validity of Offers

All offers shall be valid for a period of one-hundred and twenty (120) days from the closing date of the solicitation unless another timeframe is agreed to by all parties. Submission of an offer does not afford rights to the offeror nor obligate Metro in any manner.

.....

Target Value .
Type **No Response Required**

Offer and Presentation Costs

Metro will not be liable for any costs incurred by an offeror in the preparation of its response to a solicitation, nor for the presentation of its offer and/or participation in any clarifications, discussions, negotiations, or protests.

.....

Target Value .
Type **No Response Required**

Rejection of Offers

Metro reserves the right to accept or reject, in whole or in part, any offers submitted. The failure of an offeror to promptly supply information in connection with, or with respect to, reasonable requests may be grounds for a determination of non-responsibility.

.....

Target Value .
Type **No Response Required**

Subcontractors

Offeror must enter all subcontractors on the appropriate form provided as part of the solicitation. The file should be attached to your response in Excel format and named "Subcontractor Form". Include any SBE/SDV and MWBE suppliers on this form.

.....

Target Value **Attached Subcontractor Form**

.....

Provide your answer below

Assistance to Small (SBE) and/or Service Disabled Veteran-owned (SDV) Businesses

The Metro Procurement Code (§ 4.44) and Regulations (§§ R4.44.020.04) provide options for the Purchasing Agent to include a cost incentive to maximize the participation and performance of approved SBE/SDV businesses. If the Offeror is an SBE/SDV business, Metro considers the work it commits to self-perform. SBE/SDV businesses included in offers, must be registered online with Metro and approved by the Business Assistance Office (BAO) prior to the solicitation closing date. Assistance is provided to offerors who are SBE/SDV, or who need assistance in locating potential SBE/SDV subcontractors or suppliers.

For assistance, offerors are encouraged to contact the BAO by email at BAO@Nashville.gov or call the BAO at (615) 880-2814.

Enter Solicitation Title & Number Below						
Shelby Park Area 3 Construction; RFQ# 629873	Min. SBE/SDV Participation	Incentive Percentage	Incentive Calculator	Lowest Bid	MACP	Winning Bid
	20.0%	5.00%	95.00%	$5,633,925	$5,915,621	$5,718,975
Offeror's Name	Bids	SBE	Participation Requirement	Participation Incentive	Incentive Evaluation Amount	Status of ITB Award
SAK Construction LLC	$5,633,925	$917,450	$1,126,785	$871,578	$4,762,348	Min. SBE not met
Insituform Technologies LLC	$5,636,195	$1,477,665	$1,127,239	$1,403,782	$4,232,413	Evaluated
Layne Inliner LLC	$5,718,975	$3,749,188.00	$1,143,795	$3,561,729	$2,157,246	Awarded

C K Masonry Co., Inc.

Manhole Rehabilitation | Casting Adjustments

September 23, 2014

Shelby Park Sanitary Sewer Rehabilitation
Area 3 –Greenland Avenue
MWS 11-SC-105C Project No: OAP.C.16.03

Mr. Breck Vinson
Layne Inliner
4520 N. Hwy 37
Orleans, IN 47452

Dear Mr. Vinson,

We are pleased to quote the following for the **Shelby Park Rehabilitation – Area 3- Greenland Avenue.**

Level B Manhole Rehabilitation using The Strong-Seal System:

Scope of work includes pressure washing, repairing and patching as needed, hand troweling reinforced concrete on inverts and bench, spraying walls with ½ inch of Strong-Seal MS-2A, troweling, brushing and vacuum testing. Prices quoted are for 48-inch diameter manholes. Any manholes larger than 48-inch diameter will be priced accordingly.

Item No. B-21 115 EA	0 to 6.00 foot in depth	$ 580 /ea.	Equals $ 66,700 Total
Item No. B-22 110 EA	6.01 to 8.00 foot in depth	$ 775/ea.	Equals $ 85,250 Total
Item No. B-23 30 EA	8.01 to 10.00 foot in depth	$ 970/ea.	Equals $ 29,100 Total
Item No. B-24 3 EA	10.01 foot and over in depth	$ 1,300/ea.	Equals $ 3,900 Total

Level C Manhole Rehabilitation using the Warren Environmental System:

Scope of work includes pressure washing, repairing and patching as needed, and applying 125 mils of Warren S-301 epoxy to the invert, bench, walls, and vacuum testing, for 15-inch diameter pipe sewers and smaller. For sewers larger than 15-inch diameter pipe, vacuum testing is not included.

Item No. B-25 10 EA	6.01 to 8.00 foot in depth	$ 2,000 /ea.	Equals $ 20,000 Total
Item No. B-26 3 EA	8.01 to 10.00 foot in depth	$ 2,500 /ea.	Equals $ 7,500 Total
Item No. B-27 3 EA	10.01 + foot in depth	$ 3,250 /ea.	Equals $ 9,750 Total

Manhole Casting Replacement:

PO Box 23335, Nashville, TN 37202 – 615-665-4800 – Fax 615-665-1600
Email: KurtKoehn@CKMasonry.com Website: www.CKMasonry.com
Equal Opportunity Employer

Scope of work includes excavating, removing refuge, setting manhole with brick and mortar to appropriate grade, and backfilling with either asphalt or dirt as applicable.

Item No. B-35			
5 EA	Replace Watertight F&C (JBS #1123)	$ 800 /ea.	Equals $ 4,000 Total
Item No. B-36			
5 EA	Standard frame & cover (JBS #1150)	$ 450 /ea.	Equals $ 2,250 Total

Please note that C. K. Masonry is a certified Metro Nashville Small Business. Please keep in mind that C. K. Masonry Co., Inc. is normally able to respond to manhole rehabilitation, casting replacement and casting adjustment needs within 24 to 48 hours.

Notes:

1. We are a Metro Nashville Certified Small Business.
2. Our price excludes bypass pumping.
3. Our price excludes traffic control. We will provide signage for our immediate work zone but no flaggers, traffic control plans, etc.
4. Our quote includes lane closure permits.

Prices quoted are good for ninety (90) days.

Thank-you for considering C. K. Masonry Co., Inc. for the above referenced contract. Our goal is 100% customer satisfaction. Please call me at 615-924-7268 or Kurt Koehn at 615-642-9235 if C. K. Masonry Co., Inc. can be of assistance to you.

Sincerely,

Scott D. Kelley
Business Manager / Manhole Rehabilitation

Cc: Kurt Koehn

PO Box 23335, Nashville, TN 37202 -- 615-665-4800 -- Fax 615-665-1600
Email: KurtKoehn@CKMasonry.com Website: www.CKMasonry.com
Equal Opportunity Employer

Sept 24th, 2014

Breck Vinson
Layne Inliner, LLC.
4520 North State Road 37
Orleans, IN 47452

Proposal #092414

RE: Proposal for CIPP Nashville, TN
Shelby Park Rehabilitation - Area 3 - Greenland Avenue MWS 11-SC-105C OAP.C.16.03

Scope of Work: This work shall be performed in conjunction with the "PRICING SCHEDULE" and "TERMS & CONDITIONS" as outlined within this proposal. Turn-key proposal for all activities pertaining to service laterals to be lined.

In response to your request we hereby submit subcontract pricing for the above referenced project as follow:

(SEE ATTACHED PDF QUOTE AT BOTTOM)

Proposal Inclusions:
- Certificate of Insurance with standard coverage
- One mobilization and demobilization per task

Proposal Exclusions:
- Premiums for special insurance coverage requirements

Proposal Terms:
- Payment due within 30 days of completion of UGE's portion of the project
- Partial monthly payments may be requested
- Proposal valid for 30 days

Special Conditions:

- General Contractor will be required to provide access to all manholes
- General Contractor will be required to provide post videos of lining prior to mobilization for lateral identification
- General Contractor to provide bypass (pumps and piping) if needed on lines 12" and greater, as needed
- General Contractor will provide water meter, road closure and dig permits through allowance

Mutual Release of Consequential Damages:

Neither party shall be liable to the other for consequential damages relating to or arising out of this Contract.

Sincerely,

Derrick Craft

Derrick Craft
President
CraftCo, LLC

Proposal Form

Shelby Park Rehabilitation - Area 3 - Greenland Avenue

MWS 11-SC-105C OAP.C.16.03

NAME OF FIRM SUBMITTING THIS BID: CraftCo, LLC

Bid Item Number	CWNOAP Standard Item Number	Description	Quantity	Unit	Unit Price to be Completed by Bidder	Bid Price
(A) Lump Sum Sanitary Sewer Rehabilitation Construction Items						
A-1	O12901.1	Project Mobilization and Erosion Control Establishment	1	Lump Sum	$ 80,000.00	$ 80,000.00
					Lump Sum Items Subtotal:	$ 80,000.00
(B) Unit Price Items Sanitary Sewer Rehabilitation Construction Items						
B-4	N/S	8- & 10-inch diameter sanitary sewer line post-rehab television inspection and testing	46,250	Linear Foot	$ 1.15	$ 53,187.50
B-5	N/S	15-inch diameter sanitary sewer line post-rehab television inspection and testing	2,100	Linear Foot	$ 5.00	$ 10,500.00
B-6	333010.1	Sanitary service renewals under roadway 15 feet or less in length by excavation/replacement	5	Each	$ 2,100.00	$ 10,500.00
B-7	333010.2	Sanitary service renewals under roadway 15.1 feet or greater in length by excavation/replacement	5	Each	$ 2,300.00	$ 11,500.00
B-8	333010.3	Sanitary service renewals outside of roadway 15 feet or less in length by excavation/replacement	165	Each	$ 1,800.00	$ 297,000.00
B-9	333010.4	Sanitary service renewals outside of roadway 15.1 feet or greater in length by excavation/replacement	5	Each	$ 1,875.00	$ 9,375.00
B-10	330188.1	Sanitary service renewals 15 feet or less in length by non-excavation trenchless lining	150	Each	$ 3,850.00	$ 577,500.00
B-11	330188.2	Sanitary service renewals 15.1 feet to 30 feet in length by non-excavation trenchless lining	375	Each	$ 4,450.00	$ 1,668,750.00
B-12	330188.2.1	Sanitary service renewals over 30 feet in length by non-excavation trenchless lining	100	Linear Foot	$ 50.00	$ 5,000.00
B-13	330188.3	Sanitary service renewals 15 feet or less in length by non-excavation trenchless lining by "blind shot" with no cleanout installed	10	Each	$ 3,000.00	$ 30,000.00
B-14	330188.4	Sanitary service renewals 15.1 feet or greater in length by non-excavation trenchless lining by "blind shot" with no cleanout installed	10	Each	$ 3,600.00	$ 36,000.00
B-15	330188.5	Sanitary service renewals 6 inches in length by non-excavation trenchless lining including cutting, trimming and buffing with lateral sealing	10	Each	$ 2,500.00	$ 25,000.00
B-16	330188.IN	Sanitary sewer service confirmation investigation for abandonment and non-re-instatement on inactive service openings	20	Each	$ 3,000.00	$ 60,000.00
B-26	N/S	8- or 10-inch diameter sewer line point repairs by excavation 0 to 6.00 feet in length and 0 to 10 feet deep outside paved areas	5	Each	$ 2,200.00	$ 11,000.00
B-29	N/S	8- or 10-inch diameter sewer line point repairs by excavation 0 to 6.00 feet in length and 0 to 10 feet deep inside paved areas	5	Each	$ 2,600.00	$ 13,000.00
B-30	N/S	8- or 10-inch diameter sewer line point repairs by excavation 0 to 6.00 feet in length and over 10 feet deep inside paved areas	5	Each	$ 2,800.00	$ 14,000.00
B-31	333010.6.1	Sewer service line point repairs by excavation inside paved areas	5	Each	$ 1,000.00	$ 5,000.00
B-32	333010.6.2	Sewer service line point repairs by excavation outside paved areas	10	Each	$ 100.00	$ 1,000.00
B-34	333010.10	Install Cast Iron Sewer Service Cleanout Box in Pavement Areas in lieu of Copolymer Sewer Service Cleanout Box	10	Each	$ 750.00	$ 7,500.00
B-37	329200.1	Surface restoration in non-pavement areas for non-excavation trenchless lining sanitary sewer service renewals and cleanouts	535	Each	$ 105.00	$ 56,175.00
B-38	329200.11	Surface restoration in non-pavement areas for point repairs, sanitary sewer service renewals and cleanouts installed by excavation/replacement method	170	Each	$ 125.00	$ 21,250.00
B-39	321600.1	Asphaltic driveway restoration for sanitary sewer service renewals and point repairs	100	Square Yard	$ 60.00	$ 6,000.00
B-40	321600.2	Concrete driveway restoration for sanitary sewer service renewals and point repairs	100	Square Yard	$ 125.00	$ 12,500.00
B-41	321600.3	Concrete sidewalk and/or ramp removal and replacement with new concrete sidewalk and/or ramp	50	Square Yard	$ 140.00	$ 7,000.00
B-42	321200.1	Asphaltic roadway base restoration with binder	150	Ton	$ 120.00	$ 18,000.00
B-43	321200.2	Asphaltic roadway surface restoration with surface course	100	Ton	$ 130.00	$ 13,000.00
B-44	321200.3	Asphaltic roadway full width surface restoration preparation by cold plane milling 2-inch depth for surface course replacement	100	Square Yard	$ 20.00	$ 2,000.00
B-45	312333.1	Flowable fill backfill and concrete roadway base installation below asphaltic surface	100	Cubic Yard	$ 140.00	$ 14,000.00
B-46	321600.4	Concrete curb and/or concrete curb and gutter replacement for roadway restoration	100	Linear Foot	$ 45.00	$ 4,500.00
B-47	N/S	Additional 6-inch replacement sewer service line upsizing on trenchless laterals for existing 4-inch service lines	1,500	Linear Foot	$ 85.00	$ 127,500.00
B-48	N/S	Additional for CIPP trenchless lateral lining existing 4-inch by 6-inch transitions on service lines	100	Each	$ 875.00	$ 87,500.00
					Unit Price Items Subtotal:	$ 3,215,737.50
(C) Cash Allowance for Construction Items Ordered by Engineer						
C-1	O12901.10	Allowance for Excavation Permit Fees	1	Allowance	$ 50,000.00	$ 50,000.00
C-2	O12901.11	Allowance for Traffic Control Fees	1	Allowance	$ 40,000.00	$ 40,000.00
C-3	O12901.12	Allowance for Water and Sewer Utility Charges	1	Allowance	$ 25,000.00	$ 25,000.00
C-4	O12901.13	Allowance for Additional Manhole Work	1	Allowance	$ 75,000.00	$ 75,000.00
C-5	O12901.14	Allowance for Additional ADA Work	1	Allowance	$ 35,000.00	$ 35,000.00
					Allowance Items Subtotal:	$ 225,000.00
		Total Base Bid for All Project Lump Sum, Unit Price, and Allowance Items:				$ 3,520,737.50

Name of Cured-In-Place Pipe Lining proposed for this Bid per Specification 33 01 40.2.01.A:	
	(Name to be inserted by Bidder)

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Revised

Enter Solicitation Title & Number Below						
Shelby Park Area 3 Constructon; RFQ# 629873	Min. SBE/SDV Participation	Incentive Percentage	Incentive Calculator	Lowest Bid	MACP	Winning Bid
	20.0%	**5.00%**	95.00%	**$5,633,925**	**$5,915,621**	**$5,636,195**
Offeror's Name	Bids	SBE	Participation Requirement	Participation Incentive	Incentive Evaluation Amount	Status of IFB Award
SAK Construction LLC	$5,633,925	$917,450	$1,126,785	$871,578	$4,762,348	Min. SBE not met
Layne Inliner LLC	$5,718,975	$1,094,438	$1,143,795	$1,039,716	$4,679,259	Min. SBE not met
Insituform Technologies LLC	$5,636,195	$1,477,665	$1,127,239	$1,403,782	$4,232,413	Awarded