RESOLUTION NO.	
REDUCE HOLLING.	

A RESOLUTION AUTHORIZING THE ADMINISTRATOR OF THE DEPARTMENT OF PUBLIC WORKS TO AWARD **CONTRACT** NO. W-11-012-201, **MBWWTP SCREEN** IMPROVEMENTS AND CONTRACT NO. W-12-017-201, MBWWTP HYDRAULIC AND PUMP IMPROVEMENTS TO HAREN CONSTRUCTION COMPANY, INC., IN THE AMOUNT OF TWELVE MILLION SIX HUNDRED SIXTY-SEVEN THOUSAND DOLLARS (\$12,667,000.00), WITH A CONTINGENCY AMOUNT OF SIX HUNDRED SEVENTY THOUSAND DOLLARS (\$670,000.00), FOR AN AMOUNT NOT TO EXCEED THIRTEEN MILLION THREE HUNDRED THIRTY-SEVEN THOUSAND DOLLARS (\$13,337,000.00), SUBJECT TO SRF LOAN APPROVAL.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator of the Department of Public Works is hereby authorized to award Contract No. W-11-012-201, MBWWTP Screen Improvements and Contract No. W-12-017-201, MBWWTP Hydraulic and Pump Improvements to Haren Construction Company, Inc., in the amount of \$12,667,000.00, with a contingency amount of \$670,000.00, for an amount not to exceed \$13,337,000.00, subject to SRF loan approval.

ADOPTED:	 _, 2015
/mem	

City of Chattanooga

Resolution/Ordinance Request Form



Date Prepared: December 15, 2014		TENE				
Preparer: Dennis Malone	Department:	Public Works				
Brief Description of Purpose for Resolution/Ordinance:	Res./Ord. #	Council District #	1			

A City Council resolution is requested to award the combined Projects of Contract No. W-11-012-201, MBWWTP Screen Improvements, and Contract No. W-12-017-201, MBWWTP Hydraulic and Pump Improvements, to Haren Construction Company, Inc., in the amount of \$12,667,000.00 with a contingency amount of \$670,000.00 for an amount not-to-exceed \$13,337,000.00, subject to SRF Loan Approval.

Name of Vendor/Contractor/Grant, etc.	<u>H</u>	aren Construction C	o., Inc. New Contract	Project? (Yes or No)	Yes	
Total project cost	\$_	13,337,000.00	Funds Budget	ted? (YES or NO)	Yes	
Total City of Chattanooga Portion	\$_	13,337,000.00		Provide Fund	6012	6012
City Amount Funded	\$_	13,337,000.00		Provide Cost Center	K37108	K37115
New City Funding Required	\$_	0	Proposed Funding So	ource if not budgeted		
City's Match Percentage	%_		Grant	Period (if applicable)	SRF 2013-318	
List all other funding sources and amo	unt	for each contribut	or.		SRF 2012-307	
Amount(s)				<u>Grantor(s)</u>		
\$5,816,000.00			SRF 2012-307	6012 - K	37115	
\$7,521,000.00			SRF 2013-318	6012 - K	37108	
Agency Grant Number						
CFDA Number if known						
Other comments: (Include contingency amo				ful in preparing res	solution)	
Reviewed by: FINANCE OFFICE	72			DESIGNATED OFF	FICIAL/ADMINISTRAT	OP
Please submit completed form to @budget, Ci	ity A	ttorney and City Finar	nce Officer	DEGIGITATED OFF	TOTALIADIVINIO I KAT	OIL
Revised: 1/26/09	_					



Hazen and Sawyer, P.C. 227 French Landing Drive, Suite 420 Nashville, TN 37228 615-783-1515 615-724-0855 fax

December 5, 2014

Mr. Dennis Malone, P.E. City Engineer 1250 Market Street Chattanooga TN 37402

Re:

Moccasin Bend WWTP

W-12-017-201 - Hydraulic and Pump Improvements

W-11-012-201 - Screen Improvements

Award Recommendation and Bid Tabulation

Dear Mr. Malone:

Enclosed you will find one (1) copy of a certified bid tabulation for the project referenced above, Contract W-12-017-201 - Hydraulic and Pump Improvements and Contract W-11-012-201- Screen Improvements for your records. There was one mathematical error by Smith Contractors, Inc., which is shown in the bid tabulation. The error was minor and did not result in any change of the total amounts.

The bid submitted by the low bidder, Haren Construction Company, Inc., also included one mathematical error. The sum of the four (4) major bid items were not totaled on the bid form. The error was minor and did not result in any change of the total amounts. The bid submitted by Haren Construction Company, Inc., has been deemed to be responsive and in compliance with the conditions of the Contract Documents. Based upon our canvas of the bids, we would recommend that the City of Chattanooga award the contract for the project to Haren Construction Company, Inc., for a total contract price of \$12,667,000.00.

If you have any questions about the bid tabulation or any other matter, please feel free to call me.

Sincerely,

Hazen and Sawver

Stephen H. King, P.E., BCEE

Senior Associate

Enclosure

CC Chris Palmer, P.E. - Jacobs (w/encl- electronic copy)

City of Chattanooga, Contract Numbers W-11-012-201 and W-12-017-201 Influent Screen/Hydraulic and Pump Improvements Bid Tabulation: December 4, 2014

Item	Description	Quantity	Unit	Co 1715 Hi Etov	mpa ighv vah,	onstruction any, Inc.* vay 411 North , TN 37331	Cor 12 Office Birming	npa Par Jhar	Construction ny, LLC k Cir, Ste 200 n, AL 35223	1241 E PC Lawrence	Byp D Be ebu	ractors, Inc. ass North ox 480 rg, KY 40342
		Quantity	Unit	Unit Price	9	Total Price	Unit Price		Total Price	Unit Price	Т	Total Price
U	INFLUENT PUMP STATION (IPS) PUMP IMPRO	VEMENTS	10, 100,000									
1	INFLUENT PUMP STATION (IPS) PUMP IMPRO	VEMENTS										
a.	Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station Pump Improvements, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of:	1	LS	-	\$	3,334,065.00		\$	3,500,000.00		\$	3,600,000.0
	Cash Allowances		L		TO STATE OF THE PARTY OF THE PA							
	Concrete Testing	A 11		The second secon	200		TO SERVE					
	Owner's Use		wance		\$			\$	2,000.00		\$	2,000.00
			wance		\$			\$	40,000.00		\$	
C.	Construction Verification Surveying		wance		\$	3,000.00		\$	3,000.00		\$	
a.	SCADA Integration		wance		\$	35,000.00		\$	35,000.00		\$	
	Influent Pump Equipment		wance		\$	2,114,335.00		\$	2,114,335.00			2,114,335.00
f.	Engineer Overtime Inspection		wance	_	\$	40,000.00		\$	40,000.00		\$	40,000.00
		* * * Addi	tional Worl	(If Ordered	By	The Engineer	***	200	10,000,00		ļΨ	40,000.00
	Contingency Items		Elektrik Cal				5 4 4 1 TAX	393				
a.	Undercutting and stone refill	10	CY	\$ 60.00	1\$	600.00	\$ 50.00	\$	500.00	\$ 40.00	\$	400.0
	Concrete	10	CY	\$400.00	\$		\$ 750.00	\$	7,500.00		\$	
SUBT	OTAL IPS PUMP IMPROVEMENTS				+	1,000.00	Ψ 700.00	Ψ	7,300.00	\$1,000.00	Ф	10,000.0
	1 through 3 above)					5,573,000.00		١.	5,742,335.00			5,844,735.00
1	EQUALIZATION PUMP STATION (EQPS) PUMP EQUALIZATION PUMP STATION (EQPS) PUMP Furnishing all products, materials and equipment	IMPROVE	MENTS		_							
a.	rantisming an products, materials and equipment and performing all labor necessary to complete and put into operation the Equalization Basin Pump Station Pump Improvements, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of:	1	LS		\$	1,238,302.68	_	\$	2,000,000.68		\$	1,265,502.68
2	Temporary Electrical Service	60	Days	\$750.00	\$	45,000.00	\$1,150.00	\$	00.000.00	21 222 22	Ļ	
3	Cash Allowances	Allow	ance	4700.00	+	40,000.00	φ1,150.00	Φ	69,000.00	\$1,000.00	\$	60,000.00
a. (Concrete Testing		ance	-	\$	2,000.00		-	0.000.00		_	
b. (Owner's Use		/ance		\$	10.000.00		\$	2,000.00		\$	2,000.00
	Construction Verification Surveying		ance		\$	3,000.00		\$	10,000.00		\$	10,000.00
	EQ Pump Equipment		ance		\$			\$	3,000.00		\$	3,000.00
	Magnetic Flow Meter Equipment		ance			160,488.00		\$	160,488.00		\$	160,488.00
					\$	108,609.32		\$	108,609.32		\$	108,609.32
4 (Contingency Items	Addi	donal work	IT Ordered	Ву	The Engineer *	**					
	Undercutting and stone refill	40	61/							12 X 3 10 10 10 10 10 10 10 10 10 10 10 10 10		
	Concrete	10	CY	\$ 60.00		600.00	\$ 50.00	\$	500.00	\$ 40.00	\$	400.00
		10	CY	\$ 400.00	\$	4,000.00	\$ 750.00	\$	7,500.00	\$1,000.00	\$	10,000.00
tems	OTAL EQPS PUMP IMPROVEMENTS 1 through 4 above)				\$	1,572,000.00	-	\$	2,361,098.00		\$	1,620,000.00
	OTAL CONTRACT W-12-17-201 C1 through D4 above)				\$	7,145,000.00		\$	8,103,433.00		\$	7,464,735.00
ID TO		een (items 1-4	-6) + -8)		\$12	2,667,000.00****			3,340,000.00	_	_	5,765,935.00

I hereby certify that this is a true and accurate copy of bids received.

^{*} Denotes Apparent Low Bidder

** Denotes Error in Bid Calculation

**** Denotes Original Bid Not Totaled

City of Chattanooga, Contract Numbers W-11-012-201 and W-12-017-201 Influent Screen/Hydraulic and Pump Improvements Bid Tabulation: December 4, 2014

INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining C Cash Allowances a. Concrete Testing Allowance Allowance \$ 2,000.00 \$ 2,000.00	124 200 3 Lawrei e Unit Prid	ny, LLC k Cir, Ste 200 n, AL 35223 Total Price 2,086,617.00	1241 Bypass 00 PO Box of Lawrenceburg, Unit Price To	s North 480
Trifs Highway 411 North Etowah, TN 37331 Birmingham, AL 35223 Item Description Quantity Unit Unit Unit Price Total Price Unit Price Total Price Unit	124 Lawrei e Unit Pric	Pk Cir, Ste 200 m, AL 35223 Total Price 2,086,617.00	1241 Bypass 00 PO Box Lawrenceburg, Unit Price To	ss North 480 , KY 403 otal Price
Item Description Quantity Unit Unit Unit Price Total Price Unit Price Total Price Unit U	200 Lawrei e Unit Prid	n, AL 35223 Total Price 2,086,617.00	00 PO Box of Lawrenceburg, Unit Price To	480 , KY 403 otal Price
Etowah, TN 37331 Birmingham, AL 35223 Item Description Quantity Unit Unit Unit Price Total	3 Lawrer e Unit Pric	n, AL 35223 Total Price 2,086,617.00	Lawrenceburg,	otal Price
Item Description Quantity Unit Unit Price Total Price Total Price Total Price Total Price	.00	Total Price 2,086,617.00	Unit Price To	otal Price
A INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT IINFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining C cash Allowances a. Concrete Testing Allowance Allowance Allowance Allowance Allowance Turnish Turnish (IPS) SCREEN REPLACEMENT INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT LINFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT SUBJECT: \$ 2,171,800.00	.00	2,086,617.00		
1 INFLUENT PUMP STATION (IPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Coach Allowance Allowance Allowance \$ 2,000.00 \$ 2,000.00	.00 \$ 30.0		00 \$ 4,	,000,000
Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material cremaining in the bottom of the wet well after draining 2 Cash Allowances a. Concrete Testing Allowance Allowance \$ 2,000.00 \$ 2,000.00	.00 \$ 30.0		00 \$ 4,	,000,000
and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Cash Allowance Allowance \$ 2,000.00 \$ 2,000.	.00 \$ 30.0		00 \$ 4,	,000,000
and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Coscrete Testing Allowance \$ 2,000.00	.00 \$ 30.0		00 \$ 4,	,000,000
a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Concrete Testing Allowance \$ 2,000.00	.00 \$ 30.0		00 \$ 4,	,000,000
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Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Concrete Testing Allowance 11,000 SF \$ 19.60 \$ 215,600.00 \$ 18.00 \$ 198,000. \$ 18,00 \$ 198,000. \$ 400.00 \$ 400.00 \$ 400.00.		198,000.00		
b. Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Coash Allowances a. Concrete Testing Allowance Allowance 11,000 SF \$ 19.60 \$ 215,600.00 \$ 18.00 \$ 198,000. \$ 400.00 \$ 400.00 \$ 400.00.		198,000.00		
well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material cremaining in the bottom of the wet well after draining Cash Allowance Allowance Allowance 215,600.00 \$ 18.00 \$ 198,000.		198,000.00		
well including all walls, underside of the slabs, beams and columns as shown on the Drawings) Removal and disposal of debris and grit material cremaining in the bottom of the wet well after draining Cash Allowance Allowance Allowance 215,600.00 \$ 18.00 \$ 198,000.		198,000.00		
Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining C Cash Allowances a. Concrete Testing Allowance Allowance \$ 2,000.00 \$ 2,000.00	.00 \$ 100.0		00 \$ 30.00 \$	330,000
Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining Cash Allowances Allowance Allowance \$ 2,000.00 \$ 400.00 \$ 40,000.	.00 \$ 100.0			
c. remaining in the bottom of the wet well after draining 100 CY \$ 335.00 \$ 33,500.00 \$ 400.00 \$ 40,000 2 Cash Allowances a. Concrete Testing Allowance	.00 \$ 100.0			
draining	.00 \$ 100.0	10.000.00		
2 Cash Allowances a. Concret Testing Allowance \$ 2,000.00 \$ 2,000.00		40,000.00	00 \$ 100.00 \$	10,000
a. Concrete Testing Allowance \$ 2,000.00 \$ 2,000.				
b Ourned He \$ 2,000.00 === \$ 2,000.				
		2,000.00		2,000
Construction Verification Supervises 48				30,000
4 Fire Maharia 10 5 3,000.00 \$ 3,000.	.00	3,000.00	00 \$	3,000
d. Fine Mechanical Screen Equipment Allowance \$ 928,000.00 \$ 928,000.	.00	928,000.00	00 \$	928,000
e. SCADA Integration Allowance \$ 35,000.00 \$ 35,000.0	.00	35,000.00		35,000
f. Engineer Overtime Inspection Allowance \$ 40,000,00 \$ 40,000		40,000.00		40,000
*** Additional Work if Ordered By The Engineer * * *	.00	10,000.00	, ,	40,000
3 Contingency Items				4
a. Undercutting and stone refill 10 CY \$ 60.00 \$ 600.00 \$ 5.00 ** \$ 500.00	00 1 0 40 0	500.00	20 0 40 00 10	
h Concrete		500.00		400.
Wet Well Concrete Pennir 0.5" to 1.5" think 2000 05 07,000.00 \$ 750.00 \$ 7,500.0				10,000.
d	.00 \$ 76.0	8,500.00	00 \$ 76.00 \$	152,000.
Wet Well Concrete Repair > 1.5" to 3" thick 1.000 \$ 9.20 \$ 9.200 no \$ 9.50 \$ 9.500	00 6 430 0	8,500.00	00 \$ 130.00 \$	400 000
SF	\$ 130.0	0,500.00	00 \$ 130.00 \$	130,000.
e. Wet Well Concrete Repair >3" 1,000 SF \$ 15.10 \$ 15,100.00 \$ 14.00 \$ 14,000.00	.00 \$ 170.0	14,000.00	00 \$ 170.00 \$	170,000.
f. Existing Exposed Rebar Anti-Corrosion Coating 2,000 LF \$ 2.50 \$ 5,000.00 \$ 2.25 \$ 4,500.00		4,500.00		6,000.
g, Leaking Crack Waterproof Injection Grout 100 LF \$ 65.00 \$ 6.500 00 \$ 60.00 \$		6,000.00		2,200.
h. Structural Crack Epoxy Repair Binder 100 LF \$ 5.00 \$ 50.00 \$ 50.00 \$ 5.000		5,000.00		
UBTOTAL IPS SCREEN REPLACEMENT	7 2010			
tems 1 through 3 above) \$ 3,512,000.00 \$3,417.117.	00	\$3,417,117.00		2,200.
			00 \$5	2,200.
		**,,	00 \$5,	
B INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	00 \$5,	2,200.
			00 \$5,	2,200.
1 INFLUENT RELIEF PLIMP STATION (IRPS) SCREEN REDI ACEMENT			00 \$5,	2,200.
1 INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT			00 \$5,	2,200.
1 INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment			\$5,	2,200.
1 INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete	T		00 \$5,	2,200.
1 INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station			\$5,	2,200.
1 INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown	00			2,200. 6,850,800
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station \$ 906,900.00 \$ 1,000,000.00 1,000,000.00	00			2,200.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station	00			2,200. 6,850,800
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station \$ 906,900.00 \$ 1,000,000.00 on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of:	00			2,200. 6,850,800
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station	00			2,200. 6,850,800
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT			30 \$ 1,6	2,200. 6,850,800
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT		1,000,000.00	30 \$ 1,6	2,200. 6,850,800 672,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0	1,000,000.00	00 \$ 1,6 00 \$ 800.00 \$	2,200. 6,850,800 672,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0	1,000,000.00	00 \$ 1,6 00 \$ 800.00 \$	2,200. 6,850,800 672,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0	1,000,000.00	00 \$ 1,6 00 \$ 800.00 \$	2,200. 6,850,800 672,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0	1,000,000.00 144,000.00 165,000.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1	2,200. 6,850,800 672,000. 72,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Bypass Pumping Base Cost/Standby Cost Includes installation and removal Bypass Pumping Cost In Use (assumes three (3) pumps Operating 1/3 time for 3 months) including all fuel and maintenance Temporary Washer/Compactor rental until arrival and installation of permanent washer/compactor Pumps Screen Replacement, including all fuel and maintenance 2,200 Hrs \$ 906,900.00 \$ 1,000,000.00 \$ 1,000	00 \$ 800.0	1,000,000.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1	2,200. 6,850,800 672,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Bypass Pumping Base Cost/Standby Cost Includes installation and removal Bypass Pumping Cost In Use (assumes three (3) pumps Operating 1/3 time for 3 months) including all fuel and maintenance Temporary Washer/Compactor rental until arrival and installation of permanent washer/compactor Cash Allowances	00 \$ 800.0	1,000,000.00 144,000.00 165,000.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1	2,200. 6,850,800 672,000. 72,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: Bypass Pumping Base Cost/Standby Cost Includes installation and removal 90 Days \$770.00 \$69,300.00 \$1,600.00 \$144,000.00 \$100.00	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0	1,000,000.00 144,000.00 165,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1	2,200. 6,850,800 672,000. 72,000. 176,000.
Instruction	00 \$ 800.0	1,000,000.00 144,000.00 165,000.00 450.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1 00 \$ 200.00 \$	2,200. 6,850,800 672,000. 72,000. 176,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station a. Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: 1 LS Bypass Pumping Base Cost/Standby Cost Includes installation and removal 90 Days \$770.00 \$ 69,300.00 \$1,600.00 \$ 144,000.00 \$ 10,000	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1 00 \$ 200.00 \$	2,200. 6,850,800 672,000. 72,000. 176,000. 18,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00	00 \$ 1,6 00 \$ 800.00 \$ 1 00 \$ 80.00 \$ 1 00 \$ 200.00 \$	2,200. 6,850,800 672,000. 176,000. 18,000. 10,000. 3,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00	00 \$ 1,6 00 \$ 800.00 \$ 1 00 \$ 80.00 \$ 1 00 \$ 200.00 \$	2,200. 6,850,800 672,000. 72,000. 176,000. 18,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00	00 \$ 1,6 00 \$ 800.00 \$ 1 00 \$ 80.00 \$ 1 00 \$ 200.00 \$	2,200. 6,850,800 672,000. 176,000. 18,000. 10,000. 3,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of: 1 LS Bypass Pumping Base Cost/Standby Cost Includes installation and removal Bypass Pumping Cost In Use (assumes three (3) pumps Operating 1/3 time for 3 months) including all fuel and maintenance 1 Temporary Washer/Compactor rental until arrival and installation of permanent washer/compactor 5 Cash Allowances 2 Soils and Concrete Testing Allowance Allowance Allowance ***Additional Work If Ordered By The Engineer *** ***Additional Work If Ordered By The Engineer ***	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 00 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00 487,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1 10 \$ 200.00 \$ 10 \$ 10 \$ 10 \$ 10 \$	2,200. 6,850,800 672,000. 72,000. 176,000. 18,000. 2,000. 10,000. 3,000. 487,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 00 00 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00 487,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1 10 \$ 200.00 \$ 00 \$ 00 \$ 00 \$ 00 \$	2,200. 6,850,800 672,000. 176,000. 18,000. 10,000. 3,000. 487,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 00 00 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00 487,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1 10 \$ 200.00 \$ 00 \$ 00 \$ 00 \$ 00 \$	2,200. 6,850,800 672,000. 72,000. 176,000. 18,000. 2,000. 10,000. 3,000. 487,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 00 00 00	1,000,000.00 144,000.00 165,000.00 450.00 2,000.00 10,000.00 3,000.00 487,000.00	00 \$ 1,6 00 \$ 800.00 \$ 10 \$ 80.00 \$ 1 10 \$ 200.00 \$ 00 \$ 00 \$ 00 \$ 00 \$	2,200. 6,850,800 672,000. 176,000. 18,000. 10,000. 3,000. 487,000.
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 \$ 00 00 00 00 00 \$ 40.0 00 \$1,000.0	1,000,000.00 144,000.00 165,000.00 450.00 10,000.00 3,000.00 487,000.00 7,500.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1 00 \$ 200.00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$	2,200. 672,000. 72,000. 176,000. 18,000. 10,000. 400.0
INFLUENT RELIEF PUMP STATION (IRPS) SCREEN REPLACEMENT	00 \$ 800.0 00 \$ 80.0 00 \$ 200.0 00 \$ 00 00 00 00 00 \$ 40.0 00 \$1,000.0	1,000,000.00 144,000.00 165,000.00 450.00 10,000.00 3,000.00 487,000.00 7,500.00	00 \$ 1,6 00 \$ 800.00 \$ 00 \$ 80.00 \$ 1 00 \$ 200.00 \$ 00 \$ 00 \$ 00 \$ 00 \$ 00 \$	2,200. 6,850,800 672,000. 176,000. 18,000. 10,000. 3,000. 487,000.

City of Chattanooga, Contract Numbers W-11-012-201 and W-12-017-201 Influent Screen/Hydraulic and Pump Improvements Bid Tabulation: December 4, 2014

	,			Co 1715 Hi	mpa ghv	onstruction any, Inc.* way 411 North , TN 37331	12 Office	npa Pa	Construction any, LLC rk Cir, Ste 200 m, AL 35223		1241 E	Зур Э Вс	ractors, Inc. ass North ox 480 rg, KY 40342
Item		Quantity	Unit	Unit Price	_	Total Price	Unit Price		Total Price		nit Price		Total Price
A 1	INFLUENT PUMP STATION (IPS) SCREEN REP	LACEMEN	T									e le	
	INFLUENT PUMP STATION (IPS) SCREEN REF Furnishing all products, materials and equipment and performing all labor necessary to complete and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of:	1	LS		\$	2,171,800.00	_		\$ 2,086,617.00			\$	4,000,000.00
b.	Wet Well Cleaning, Surface Preparation and Concrete Coating (for the entire interior of wet well including all walls, underside of the slabs, beams and columns as shown on the Drawings)	11,000	SF	\$ 19.60	\$	215,600.00	\$ 18.00	\$	198,000.00	\$	30.00	\$	330,000.00
	Removal and disposal of debris and grit material remaining in the bottom of the wet well after draining	100	CY	\$ 335.00	\$	33,500.00	\$ 400.00	\$	40,000.00	\$	100.00	\$	10,000.00
	Cash Allowances												
	Concrete Testing Owner's Use		wance		\$			\$				\$	2,000.00
	Construction Verification Surveying		wance	-	\$	30,000.00		\$				\$	30,000.00
	Fine Mechanical Screen Equipment		wance		\$	3,000.00		\$				\$	3,000.00
	SCADA Integration		wance	-	\$	928,000.00		\$				\$	928,000.00
	Engineer Overtime Inspection		wance		\$	35,000.00		\$				\$	35,000.00
	Engineer Overtime inspection		wance		\$	40,000.00		\$	40,000.00			\$	40,000.00
3	Contingency Items	" " Addi	tional Work	If Ordered	Ву	The Engineer	* * *				140,000		
	Undercutting and stone refill	40	OV					_					
	Concrete	10	CY			600.00	\$ 5.00 **	\$			40.00	\$	400.00
	Wet Well Concrete Repair 0.5" to 1.5" thick	10	CY	\$700.00		7,000.00	\$ 750.00			-	,000.00	\$	10,000.00
d	Wet Well Concrete Repair >1.5" to 3" thick	2,000 1,000	SF	\$ 4.60 \$ 9.20	\$	9,200.00	\$ 4.25 \$ 8.50	\$			76.00 130.00	\$	152,000.00 130,000.00
	Wet Well Concrete Repair >3"	4.000	SF		-	•					100.00	Ψ	130,000.00
	Existing Exposed Rebar Anti-Corrosion Coating	1,000	SF	\$ 15.10	\$	15,100.00	\$ 14.00	\$		\$	170.00	\$	170,000.00
0	Leaking Crack Waterproof Injection Grout	2,000	LF LF	\$ 2.50	\$	5,000.00	\$ 2.25	\$		\$	3.00	\$	6,000.00
	Structural Crack Epoxy Repair Binder	100	LF	\$ 65.00 \$ 5.00	\$	6,500.00	\$ 60.00	\$		\$	22.00	\$	2,200.00
	OTAL IPS SCREEN REPLACEMENT	100	LI	\$ 5.00	\$	500.00	\$ 50.00	\$	5,000.00	\$	22.00	\$	2,200.00
	1 through 3 above)				\$	3,512,000.00			\$3,417,117.00				\$5,850,800.00
	NEW COLUMN TO THE PARTY OF THE												
В	INFLUENT RELIEF PUMP STATION (IRPS) SCR	EEN REPL	ACEMENT										
1	INFLUENT RELIEF PUMP STATION (IRPS) SCR	EEN REPL	ACEMENT										
а.	Furnishing all products, materials and equipment and performing all labor necessary to complete and performing all labor necessary to complete and put into operation the Influent Pump Station Screen Replacement, including all work shown on the Drawings and/or specified and not included in Items 2 through 3 below, the total amount of:	1	LS	-	\$	906,900.00		\$	1,000,000.00		-	\$	1,672,000.00
2 1	Bypass Pumping Base Cost/Standby Cost Includes installation and removal	90	Days	\$ 770.00	\$	69,300.00	\$1,600.00	\$	144,000.00	\$	800.00	\$	72,000.00
3	Bypass Pumping Cost In Use (assumes three (3) pumps Operating 1/3 time for 3 months) ncluding all fuel and maintenance	2,200	Hrs	\$ 231.00	\$	508,200.00	\$ 75.00	\$	165,000.00	\$	80.00	\$	176,000.00
- 6	Temporary Washer/Compactor rental until arrival and installation of permanent washer/compactor	90	Days	\$ 200.00	\$	18,000.00	\$ 5.00	\$	450.00	\$:	200.00	\$	18,000.00
	Cash Allowances				100								
	Soils and Concrete Testing Dwner's Use	Allow			\$	2,000.00		\$	2,000.00			\$	2,000.00
	Construction Verification Surveying	Allow			\$	10,000.00		\$	10,000.00			\$	10,000.00
	Fine Mechanical Screen Equipment	Allow			\$	3,000.00		\$	3,000.00			\$	3,000.00
4.11		Allow	ional Mort	F Ordered	\$	487,000.00 The Engineer *		\$	487,000.00			\$	487,000.00
6 (Contingency Items	Audit	JOHAI WORK	Ordered	Бу	ine Engineer'		1915					
	Indercutting and stone refill	10	CY	\$ 60.00	•	600.00	0 50.00	_		1300	GHRANKS		
	Concrete	10	CY	\$ 500.00	\$	600.00	\$ 50.00 \$ 750.00		500.00	\$		\$	400.00
SUBTO	OTAL IRPS SCREEN REPLACEMENT 1 through 6 above)					5,000.00 2,010,000.00	\$ 750.00	\$	7,500.00 1,819,450.00	\$1,0	000.00	\$	10,000.00
	TAL CONTRACT W-11-012-201 A1 through B6 above)					5,522,000.00			5,236,567.00				3,301,200.00
									,,	-		Ψ (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,