

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO AWARD CONTRACT NO. W-15-018-201 TO P.F. MOON AND COMPANY, INC. OF WEST POINT, GA, RECTANGULAR SLUDGE COLLECTION EQUIPMENT AT MOCCASIN BEND WWTP, IN THE AMOUNT OF THREE MILLION NINE HUNDRED FIFTY-SEVEN THOUSAND FOUR HUNDRED SEVENTY-NINE AND 68/100 DOLLARS (\$3,957,479.68), WITH A CONTINGENCY AMOUNT OF THREE HUNDRED NINETY-FIVE THOUSAND SEVEN HUNDRED FIFTY DOLLARS (\$395,750.00), FOR AN AMOUNT NOT TO EXCEED FOUR MILLION THREE HUNDRED FIFTY-THREE THOUSAND TWO HUNDRED TWENTY-NINE AND 68/100 DOLLARS (\$4,353,229.68).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator for the Department of Public Works is hereby authorized to award Contract No. W-15-018-201 to P.F. Moon and Company, Inc. of West Point, GA, Rectangular Sludge Collection Equipment at Moccasin Bend WWTP, in the amount of \$3,957,479.68, with a contingency amount of \$395,750.00, for an amount not to exceed \$4,353,229.68.

ADOPTED: _____, 2016

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: May 9, 2016

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # _____ Council District # 1

- Non-Consent Decree Project
 Consent Decree Project

A City Council resolution is requested to award Contract No. W-15-018-201, Rectangular Sludge Collection Equipment at Moccasin Bend WWTP, to P.F. Moon and Company, Inc., of West Point, GA, in the amount of \$3,957,479.68 with a contingency amount of \$395,750.00 for an amount not-to-exceed \$4,353,229.68.

Name of Vendor/Contractor/Grant, etc.	<u>P.F. Moon and Company, Inc.</u>	New Contract/Project? (Yes or No)	<u>Yes</u>
Total project cost \$	<u>4,353,229.68</u>	Funds Budgeted? (YES or NO)	<u>Yes</u>
Total City of Chattanooga Portion \$	<u>4,353,229.68</u>	Provide Fund	<u>6011</u>
City Amount Funded \$	<u>4,353,229.68</u>	Provide Cost Center	<u>K40172</u>
New City Funding Required \$	<u>0</u>	Proposed Funding Source if not budgeted	_____
City's Match Percentage %	_____	Grant Period (if applicable)	_____

List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
_____	_____
_____	_____
_____	_____

Agency Grant Number _____

CFDA Number if known _____

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

Funding is ISS Funding, Non-Consent Decree

Approved by: _____

DESIGNATED OFFICIAL/ADMINISTRATOR

Reviewed by: FINANCE OFFICE

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09

Bid Tabulation
Contract Number W-15-018-201
Rectangular Sludge Collection Equipment at Moccasin Bend WWTP
City of Chattanooga

P.F. Moon and Company, Inc.	Haren Construction Co., Inc.	J.S. Haren Company	Smith Contractors, Inc.	RTD Construction, Inc.
P O Box 346	1715 Highway 411 North	1175 Highway 11 North	1241 Bypass North	38038 North Avenue
West Point, GA 31833	Etowah, TN 37331	Athens, TN 37303	Lawrenceburg, KY 40342	Zephyrhills, FL 33542

CONTRACT NUMBER W-15-018-201					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
PRIMARY CLARIFIER BASINS 1-8: BASE BID					
11234-1	Furnishing and Installing Chain and Flight Longitudinal Sludge Collection System	24	EA	\$77,416.00	\$ 1,857,984.00
11234-2	Furnishing and Installing Chain and Flight Cross Sludge Collection System	8	EA	\$30,000.00	\$ 240,000.00
11234-3	Furnishing and Installing Power Scum Skimmer System	24	EA	\$30,000.00	\$ 720,000.00
11234-4	Furnishing and Installing Flight Monitoring System	8	EA	\$ 9,375.00	\$ 75,000.00
11234-5	Removal and Disposal of Existing Sludge Collection Equipment	1	LS	\$92,008.00	\$ 92,008.00
11234-6	Cleaning and Preparation of Basins for Installation	1	LS	\$92,008.00	\$ 92,008.00
11234-7	Furnishing Spare Parts and Providing Manufacturer Inspection & Training	1	LS	\$20,000.00	\$ 20,000.00
W-15-018-201 TOTAL BASE BID					\$ 3,097,000.00

Unit Price	Total Price
\$ 49,500.00	\$ 1,188,000.00
\$ 37,125.00	\$ 297,000.00
\$ 37,125.00	\$ 891,000.00
\$ 60,000.00	\$ 480,000.00
\$900,000.00	\$ 900,000.00
\$369,600.00	\$ 369,600.00
\$100,000.00	\$ 100,000.00
\$ 4,225,600.00	

Unit Price	Total Price
\$ 77,000.00	\$ 1,848,000.00
\$ 35,000.00	\$ 280,000.00
\$ 30,000.00	\$ 720,000.00
\$ 40,000.00	\$ 320,000.00
\$350,000.00	\$ 350,000.00
\$240,000.00	\$ 240,000.00
\$100,000.00	\$ 100,000.00
\$ 3,858,000.00	

Unit Price	Total Price
\$ 77,500.00	\$ 1,860,000.00
\$ 40,000.00	\$ 320,000.00
\$ 35,000.00	\$ 840,000.00
\$100,000.00	\$ 800,000.00
\$320,000.00	\$ 320,000.00
\$ 80,000.00	\$ 80,000.00
\$ 80,000.00	\$ 80,000.00
\$ 4,300,000.00	

Unit Price	Total Price
\$ 45,200.00	\$ 1,084,800.00
\$ 24,100.00	\$ 192,800.00
\$ 32,800.00	\$ 787,200.00
\$106,300.00	\$ 850,400.00
\$189,100.00	\$ 189,100.00
\$132,700.00	\$ 132,700.00
\$100,000.00	\$ 100,000.00
\$ 3,337,000.00	

ADD ALTERNATE 1					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
CONCRETE REPAIR					
03732-1	Concrete Repair 0.5" to 1.5" Thick	2,000	SF	\$ 7.75	\$ 15,500.00
03732-2	Concrete Repair >1.5" to 3" Thick	1,000	SF	\$ 15.60	\$ 15,600.00
03732-3	Concrete Repair > 3" Thick	500	SF	\$ 28.00	\$ 14,000.00
03732-4	Existing Exposed Rebar Anti-Corrosion Coating	500	LF	\$ 2.80	\$ 1,400.00
03732-5	Leaking Crack Waterproof Injection Grout	100	LF	\$ 67.00	\$ 6,700.00
03732-6	Structural Crack Epoxy Repair Binder	100	LF	\$ 2.80	\$ 280.00
ADD ALTERNATE 1 TOTAL					\$ 53,480.00

Unit Price	Total Price
\$ 7.50	\$ 15,000.00
\$ 15.00	\$ 15,000.00
\$ 26.00	\$ 13,000.00
\$ 2.50	\$ 1,250.00
\$ 64.00	\$ 6,400.00
\$ 2.50	\$ 250.00
\$ 50,900.00	

Unit Price	Total Price
\$ 10.00	\$ 20,000.00
\$ 14.00	\$ 14,000.00
\$ 22.00	\$ 11,000.00
\$ 2.00	\$ 1,000.00
\$ 20.00	\$ 2,000.00
\$ 20.00	\$ 2,000.00
\$ 50,000.00	

Unit Price	Total Price
\$ 20.00	\$ 40,000.00
\$ 40.00	\$ 40,000.00
\$ 80.00	\$ 40,000.00
\$ 20.00	\$ 10,000.00
\$ 90.00	\$ 9,000.00
\$ 90.00	\$ 9,000.00
\$ 148,000.00	

Unit Price	Total Price
\$ 7.00	\$ 14,000.00
\$ 14.00	\$ 14,000.00
\$ 25.00	\$ 12,500.00
\$ 3.00	\$ 1,500.00
\$ 61.00	\$ 6,100.00
\$ 3.00	\$ 300.00
\$ 48,400.00	

ADD ALTERNATE 2					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
MIC COATING SYSTEM					
09800-1	Cleaning, Preparation, and Application of MIC Coating System	30,000	SF	\$ 11.10	\$ 333,000.00
ADD ALTERNATE 2 TOTAL					\$ 333,000.00

Unit Price	Total Price
\$ 12.25	\$ 367,500.00
\$ 367,500.00	

Unit Price	Total Price
\$ 17.50	\$ 525,000.00
\$ 525,000.00	

Unit Price	Total Price
\$ 16.00	\$ 480,000.00
\$ 480,000.00	

Unit Price	Total Price
\$ 12.00	\$ 360,000.00
\$ 360,000.00	

ADD ALTERNATE 3					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
SHAFTLESS SPIRAL SCREW AUGER SCREEN, CONVEYOR, DEWATERING DEVICE					
11234-20	Shaftless Spiral Screw Auger Screen, Conveyor, Dewatering Device	2	EA	\$46,000.00	\$ 92,000.00
ADD ALTERNATE 3 TOTAL				\$	92,000.00

ADD ALTERNATE 4					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
4" GATE VALVES WITH EXTENSION STEMS AT SCUM TROUGHS					
11234-30	4" Gate Valve Assemblies with Extension Stems at Scum Troughs	8	EA	\$ 2,750.00	\$ 22,000.00
ADD ALTERNATE 4 TOTAL				\$	22,000.00

ADD ALTERNATE 5					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
6" PLUG VALVES AND 8" TELESCOPING VALVES AT SLUDGE WETWELLS					
11234-40	6" Plug Valve Assemblies	8	EA	\$ 1,800.00	\$ 14,400.00
11234-41	8" Telescoping Valve Assemblies	8	EA	\$ 5,450.00	\$ 43,600.00
ADD ALTERNATE 5 TOTAL				\$	58,000.00

ADD ALTERNATE 6					
Item No.	Description	Estimated Qty.	Unit	Unit Price	Total Price
REPLACE EFFLUENT TROUGHS AND WEIRS					
11234-42	Replace Weir Plates	192	EA	\$ 781.25	\$ 150,000.00
11234-43	Replace Effluent Troughs (Basins 1-4)	48	EA	\$ 1,583.33	\$ 75,999.84
11234-44	Replace Effluent Troughs (Basins 5-8)	48	EA	\$ 1,583.33	\$ 75,999.84
ADD ALTERNATE 6 TOTAL				\$	301,999.68
				\$	302,000.00

Total Base Bid	\$	3,097,000.00
Total of Add Alternates 1-6	\$	860,479.68
TOTAL PROJECT BID	\$	3,957,479.68
(sum of Base Bid and Add Alternates 1-6)		\$3,957,480.00

Unit Price	Total Price
\$ 48,000.00	\$ 96,000.00
\$ 96,000.00	

Unit Price	Total Price
\$ 4,000.00	\$ 32,000.00
\$ 32,000.00	

Unit Price	Total Price
\$ 3,000.00	\$ 24,000.00
\$ 6,000.00	\$ 48,000.00
\$ 72,000.00	

Unit Price	Total Price
\$ 500.00	\$ 96,000.00
\$ 4,500.00	\$ 216,000.00
\$ 3,500.00	\$ 168,000.00
\$ 480,000.00	

\$	4,225,600.00
\$	1,098,400.00
\$	5,324,000.00
	\$5,348,000.00

Unit Price	Total Price
\$ 57,000.00	\$ 114,000.00
\$ 114,000.00	

Unit Price	Total Price
\$ 2,400.00	\$ 19,200.00
\$ 19,200.00	

Unit Price	Total Price
\$ 2,500.00	\$ 20,000.00
\$ 7,200.00	\$ 57,600.00
\$ 77,600.00	

Unit Price	Total Price
\$ 350.00	\$ 67,200.00
\$ 4,000.00	\$ 192,000.00
\$ 3,200.00	\$ 153,600.00
\$ 412,800.00	

\$	3,858,000.00
\$	1,198,600.00
\$	5,056,600.00

Unit Price	Total Price
\$100,000.00	\$ 200,000.00
\$ 200,000.00	

Unit Price	Total Price
\$ 4,000.00	\$ 32,000.00
\$ 32,000.00	

Unit Price	Total Price
\$ 5,000.00	\$ 40,000.00
\$ 10,000.00	\$ 80,000.00
\$ 120,000.00	

Unit Price	Total Price
\$ 400.00	\$ 76,800.00
\$ 2,000.00	\$ 96,000.00
\$ 2,000.00	\$ 96,000.00
\$ 268,800.00	

\$	4,300,000.00
\$	1,248,800.00
\$	5,548,800.00

Unit Price	Total Price
\$ 49,700.00	\$ 99,400.00
\$ 99,400.00	

Unit Price	Total Price
\$ 3,400.00	\$ 27,200.00
\$ 27,200.00	

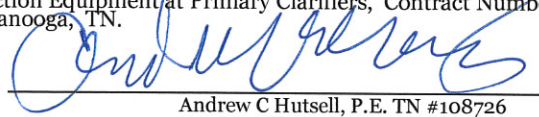
Unit Price	Total Price
\$ 4,300.00	\$ 34,400.00
\$ 7,800.00	\$ 62,400.00
\$ 96,800.00	

Unit Price	Total Price
\$ 435.00	\$ 83,520.00
\$ 3,870.00	\$ 185,760.00
\$ 2,960.00	\$ 142,080.00
\$ 411,360.00	

\$	3,337,000.00
\$	1,043,160.00
\$	4,380,160.00

Bid Tabulation Certification

I hereby certify that the above is a true and accurate tabulation of the bids received at 2:00 p.m. on Thursday, May 5, 2016 in Conference Room G13, City Hall, for Rectangular Sludge Collection Equipment at Primary Clarifiers, Contract Number W-15-018-201 for the City of Chattanooga, TN.

By: 
 Andrew C Hutsell, P.E. TN #108726
 City of Chattanooga