

COST PROPOSAL FORM
REQUEST FOR PROPOSALS (RFP) FOR THE BRUSHY CREEK REGIONAL WASTEWATER
TREATMENT FACILITY – EAST PLANT EXPANSION TO 30 MGD

DATE: 2/13/2020

PROJECT NAME: **Brushy Creek Regional Wastewater Treatment Facility – East Plant Expansion to 30 MGD**

Proposal of Thalle Construction Co., Inc.

(hereinafter called Bidder).

To the Honorable Mayor and City Council City of Round Rock, Texas (hereinafter called Owner)

Ladies and Gentlemen:

The Bidder, in compliance with your Request for Proposals (RFP) for the Brushy Creek Regional Wastewater Treatment Facility – East Plant Expansion to 30 MGD having carefully examined the requirements of the RFP, the specifications included in the RFP, instructions to Bidders, general requirements including selection process and evaluation criteria, Special Conditions and all other related RFP documents, and being familiar with all of the technical and performance requirements and operating conditions, hereby intends to furnish all labor, materials, supplies, and services for supply and installation of all equipment in accordance with the RFP at the Total Firm System Price (Price) stated below. The Price covers all expenses incurred in supplying, inspecting, testing, training, and starting up the expansion and upgrades in accordance with the requirements of the RFP.

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
1.	For construction of all work required for the Brushy Creek Regional Wastewater Treatment Facility – East Plant Expansion to 30 MGD complete and in place as shown on the plans and specifications, (except for Bid Items 2-19, I.1-I.18, II.1, III.1-III.7 as listed separately below) for a total lump sum amount of Ninety Eight Thousand, Two Hundred Seventy Six, Two Ninety Eight Million Two Hundred Seventy Six Thousand Dollars and <u>Zero</u> Cents.	LS	1	<u>\$98,276,000⁰⁰</u>	<u>\$98,276,000⁰⁰</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
2.	For development, design, and implementation of the excavation and support protection systems, as required by the Occupational Safety and Health Administration, furnished and installed, continuously monitored, complete and in place by plans and specifications, for a total lump sum amount of <u>Five Thousand Dollars</u> <u> Dollars and Zero Cents.</u>	LS	1	<u>\$ 5,000.00</u>	<u>\$ 5,000.00</u>
3.	For development, design, and implementation of the Storm Water Pollution Prevention Plan, including necessary materials and coordination for compliance with storm water regulations and ordinances, furnished and installed, continuously monitored, complete and in place by plans and specifications, for a total lump sum amount of <u>Five Thousand Dollars</u> <u> Dollars and Zero Cents.</u>	LS	1	<u>\$ 5,000.00</u>	<u>\$ 5,000.00</u>
4.	A Unit Price Bid Item additional signage to be used only as directed in writing by the OWNER complete and in place per lump sum of <u>Five Thousand Dollars</u> and <u>No</u> Cents.	LS	1	<u>\$5,000.00</u>	<u>\$5,000.00</u>
5.	A Unit Price Item for extra footage of 12" diameter drilled piers, including all labor, materials including concrete, reinforcing steel, and concrete accessories, casing, tools, and equipment for drilling and constructing complete in place, per Vertical Linear Foot of <u>Thirty Dollars</u> <u> Dollars and Zero Cents.</u>	VLF	200	<u>\$ 30.00</u>	<u>\$ 6,000.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
6.	A Unit Price Item for extra footage of 18" diameter drilled piers, including all labor, materials including concrete, reinforcing steel, and concrete accessories, casing, tools, and equipment for drilling and constructing complete in place, per Vertical Linear Foot of <u>Forty Three Dollars</u> _____ Dollars and <u>Zero</u> Cents.	VLF	200	\$ <u>43.00</u>	\$ <u>8,600.00</u>
7.	A Unit Price Item for extra footage of 24" diameter drilled piers, including all labor, materials including concrete, reinforcing steel, and concrete accessories, casing, tools, and equipment for drilling and constructing complete in place, per Vertical Linear Foot of <u>Sixty Four Dollars</u> _____ Dollars and <u>Zero</u> Cents.	VLF	200	\$ <u>64.00</u>	\$ <u>12,800.00</u>
8.	A Unit Price Item for extra footage of 30" diameter drilled piers, including all labor, materials including concrete, reinforcing steel, and concrete accessories, casing, tools, and equipment for drilling and constructing complete in place, per Vertical Linear Foot of <u>Ninety Five Dollars</u> _____ Dollars and <u>Zero</u> Cents.	VLF	200	\$ <u>95.00</u>	\$ <u>19,000.00</u>
9.	A Unit Price Bid Item for furnishing and installing additional Class A 4000-psi reinforced concrete (for slab on grade and grade beams), including excavation, forms, concrete, rebar, placement, and curing, as directed by OWNER, with all materials and labor, complete in place, per cubic yard of <u>Six Hundred and Fifty Dollars</u> _____ Dollars and <u>Zero</u> Cents.	CY	50	\$ <u>650.00</u>	\$ <u>32,500.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
10.	A Unit Price Bid Item for furnishing and installing additional Class A 4000-psi reinforced concrete (for items other than slab on grade and grade beams), including excavation, forms, concrete, rebar, placement, and curing, as directed by OWNER, with all materials and labor, complete in place, per cubic yard of <u>Six Hundred and Seventy Five Dollars</u> _____ _____ Dollars and <u>Zero</u> Cents.	CY	50	<u>\$ 675.00</u>	<u>\$33,750.00</u>
11.	A Unit Price Bid Item for furnishing and installing additional reinforcing steel, complete in place for <u>One Dollar</u> _____ _____ Dollars and <u>Zero</u> Cents.	LBS	10,000	<u>\$1.00</u>	<u>\$ 10,000.00</u>
12.	A Unit Price Bid Item for furnishing and installing additional asphalt paving, including surface preparation, excavation, compaction, tack and prime coats, and all incidentals necessary to complete the work, as directed by OWNER, with all materials and labor, complete in place, per square yard of <u>Fifty Dollars</u> _____ _____ Dollars and <u>Zero</u> Cents.	SY	100	<u>\$ 50.00</u>	<u>\$ 5,000.00</u>
13.	A Unit Price Bid Item for removal and replacement of existing asphalt paving, including sawing, milling, removal of existing HMAC and replacement including surface preparation, excavation, compaction, tack and prime coats, and all incidentals necessary to complete the work, as directed by OWNER, with all materials and labor, complete in place, per square yard of <u>Fifty Seven Dollars</u> _____ _____ Dollars and <u>Zero</u> Cents.	SY	500	<u>\$ 57.00</u>	<u>\$ 28,500.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
14.	A Unit Price Bid Item for furnishing and installing additional reinforced sidewalk, mow strip, or pads, including excavation and surface preparation, concrete, rebar, placement, finishing, and curing as directed by OWNER, with all materials and labor, per square foot of <u>Twelve Dollars</u> Dollars and <u>Zero</u> Cents.	SF	250	<u>\$12.⁰⁰</u>	<u>\$3,000.⁰⁰</u>
15.	A Unit Price Bid Item for furnishing and installing additional crushed embedment for trench stabilization material or for additional foundation material as replacement for non-suitable material, if needed, as directed by OWNER, including excavation, material, and labor, per cubic yard of <u>Thirty Five Dollars</u> Dollars and <u>Zero</u> Cents.	CY	400	<u>\$35.00</u>	<u>\$14,000.00</u>
16.	A Unit Price Bid Item for furnishing 1-3/C#4+G in a conduit covered under Bid Item 1, as directed by OWNER, including installation and termination at both ends, per linear foot of <u>Twenty Three Dollars</u> Dollars and <u>Zero</u> Cents.	LF	1000	<u>\$23.⁰⁰</u>	<u>\$23,000.⁰⁰</u>
17.	A Unit Price Bid Item for an additional 120 V connection point no more than 100 linear feet from an electrical panel, as directed by OWNER, complete and in place including conduit and supports, wall penetrations, wire and termination at both ends for a price of <u>Two Thousand Five Hundred Dollars</u> Dollars and <u>Zero</u> Cents each.	EA	10	<u>\$2,500.⁰⁰</u>	<u>\$25,000.⁰⁰</u>
18.	For all Work by Prime Controls as a subcontractor to perform PLC panel installation and related work as defined in Appendices IV and V for work under Phase B.	LS	1	<u>\$615,118.00</u>	<u>\$615,118.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
19.	Allowance for Unforeseen Conditions during construction to be used on legitimate project related issues such as structural, electrical, instrumentation, facility rehabilitation, etc. to be used only as directed in writing by the OWNER for a lump sum of <u>Fifty Thousand Dollars and No Cents.</u>	LS	1	<u>\$50,000.00</u>	<u>\$50,000.00</u>
Package I Preselected Equipment					
I.1	For all Work defined in the RFP to supply complete blowers, positive displacement (Section 43 11 15-PS).	LS	1	<u>\$525,970.91*</u>	<u>\$525,970.91*</u>
I.2	For all Work defined in the RFP to supply complete multistage centrifugal blowers (Section 43 11 17-PS), with individual blower protection devices.	LS	1	<u>\$650,777.00*</u>	<u>\$650,777.00*</u>
I.3	NOT USED				
I.4	For all Work defined in the RFP to supply complete heavy duty rotary lobe pumps (Section 43 23 15-PS).	LS	1	<u>\$69,526.40*</u>	<u>\$69,526.40*</u>
I.5	For all Work defined in the RFP to supply complete progressive cavity pumps (Section 43 23 57-PS).	LS	1	<u>\$123,835.60*</u>	<u>\$123,835.60*</u>
I.6	For all Work defined in the RFP to supply complete submersible-immersible pumps (Section 43 25 00-PS).	LS	1	<u>\$290,000.00</u>	<u>\$290,000.00</u>
I.8	For all Work defined in the RFP to supply complete odor control system of bioscrubbers (Section 44 31 11-PS) and carbon adsorber systems (Section 44 31 16-PS) with foul air fans (Section 43 11 19-PS), accessories, and controls.	LS	1	<u>\$857,395.00</u>	<u>\$857,395.00</u>
I.9	For all Work defined in the RFP to supply complete influent 6-mm screen system, perforated plate and slotted opening type (Section 46 21 53-PS), with controls, water sluice, and screenings washers/compactors.	LS	1	<u>\$572,903.00</u>	<u>\$572,903.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
I.10	For all Work defined in the RFP to supply complete vortex grit removal systems (Section 46 23 23-PS) with grit separator/ concentrators, dewatering units (Section 46 23 63-PS) and controls.	LS	1	<u>\$327,500.00*</u>	<u>\$327,500.00*</u>
I.11	For all Work defined in the RFP to supply complete vane pumps (grit pumps) (Section 43 23 51-PS).	LS	1	<u>\$54,465.00*</u>	<u>\$54,465.00*</u>
I.12	For all Work defined in the RFP to supply complete liquid chemical feed equipment package (Section 46 33 00-PS) and controls.	LS	1	<u>\$211,398.10</u>	<u>\$211,398.10</u>
I.13	For all Work defined in the RFP to supply complete submersible mixers for the anaerobic zones (Section 46 41 23-PS).	LS	1	<u>\$894,591.00</u>	<u>\$894,591.00</u>
I.14	NOT USED				
I.15	For all Work defined in the RFP to supply complete submersible axial flow propeller pumps (Section 46 41 24-PS).	LS	1	<u>\$245,280.00</u>	<u>\$245,280.00</u>
I.16	For all Work defined in the RFP to supply complete circular secondary clarifier suction header sludge collector (Section 46 43 21-PS) and supply complete density current and Stamford baffles for 2 new clarifiers and 4 existing clarifiers. (Section 06 91 23-PS)	LS	1	<u>\$814,497.00*</u>	<u>\$814,497.00*</u>
I.17	For all Work defined in the RFP to supply complete membrane fine bubble diffuser system (Section 46 51 33-PS).	LS	1	<u>\$959,800.00</u>	<u>\$959,800.00</u>
I.18	For all Work defined in the RFP to supply complete ultraviolet light disinfection equipment (Section 46 66 00-PS) with controls.	LS	1	<u>\$1,119,550.00*</u>	<u>\$1,119,550.00*</u>
Package II Preselected Equipment					
II.1	For all Work defined in the RFP to supply complete dry pit submersible centrifugal pumps (Section 43 21 39-PS).	LS	1	<u>\$118,354.83*</u>	<u>\$118,354.83*</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
Single Sourced Equipment					
III.1	For all materials and manufacturer support defined in Section 43 11 50 for modifications to the blower control panel from Howden Roots. Coordination with equipment supplier shall be included in Bid Item 1.	LS	1	<u>\$ 74,003.00</u>	<u>\$ 74,003.00</u>
III.2	For all materials and manufacturer support defined in Section 46 61 41 for a cloth media disk filter system from Aqua-Aerobic Systems, Inc. Installation of equipment furnished under this bid item shall be included in Bid Item 1.	LS	1	<u>\$ 475,185.00</u>	<u>\$ 475,185.00</u>
III.3	For all materials and manufacturer support defined in Section 46 76 17 for rehabilitation of the two (2) existing gravity belt filters from Ashbrook (under Alfa Laval). Coordination with equipment supplier, piping, electrical work, raising gravity belt filter, and all other items not specifically included in Section 46 76 17 shall be provided by the General Contractor and included in Bid Item 1.	LS	1	<u>\$ 322,382.00</u>	<u>\$ 322,382.00</u>
III.4	For all materials and manufacturer support defined in Section 46 76 22 for reinstallation and rehabilitation of the two (2) existing belt filter presses from Ashbrook (under Alfa Laval). Coordination with equipment supplier, piping, electrical work, relocating the equipment, and all other items not specifically included in Section 46 76 22 shall be provided by the General Contractor and included in Bid Item 1.	LS	1	<u>\$ 250,000.00</u>	<u>\$ 250,000.00</u>
III.5	For all materials and manufacturer support defined in Section 46 76 80 for rehabilitation of the two (2) existing inclined belt conveyors from Serpentix. Coordination with equipment supplier shall be provided by the General Contractor and included in Bid Item 1.	LS	1	<u>\$ 103,365.00</u>	<u>\$ 103,365.00</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
III.6	For all startup assistance for Rotork electric actuators in Section 40 05 57.23 for electric valve and gate operators. Rotork valve and gate actuators shall be sized and furnished by the associated valve and gate supplier. Coordination with equipment supplier shall be provided by the General Contractor and included in Bid Item 1.	LS	1	\$18,720.00	\$18,720.00
III.7	For all materials and manufacturer support for Wet Well Wizards at both Influent Lift Station 1 and Influent Lift Station 2. Installation and coordination with equipment supplier shall be provided by the General Contractor and included in Bid Item 1.	LS	1	\$148,945.79	\$148,945.79
TOTAL BASE BID (Items 1-19, I.1-I.18, II.1, III 1-7)			\$108,405,712. ⁰³		

*** Note: Price for preselected equipment subject to change based on change in St. Louis Federal Reserve material index FRED WPU101. Prices shown in bid form do not reflect change. Final price will be resolved at time purchase orders are issued.**

DEDUCT ITEMS and ALTERNATE ITEMS: Provide a deductive bid from the base bid to remove the scope listed in each of the DEDUCT items listed below. Provide an alternative bid from the base bid to change the scope of work as described in the instructions to bidders. Alternate bid items can be an additional cost or deductive cost based on the change in scope from the BASE BID. OWNER will select which, if any, items are removed from the final scope during the bid evaluation period based on their available budget.

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
DEDUCT-1	For construction of all work required to build the septage receiving station, drain pipe, and electrical improvements as shown on Drawing C-159 and Section 46 21 83, and as further described in the Instructions to Bidders complete in place for the sum of <u>One Hundred Thousand Dollars</u> Dollars and <u>Zero</u> Cents.	LS	1	\$100,000. ⁰⁰	\$100,000. ⁰⁰

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
DEDUCT-2	For construction of all work required to build three earthen berms as shown on the Grading Plan drawing sheets and the related landscaping as shown in Drawings C-138 and C-139, and as further described in the Instructions to Bidders complete in place for the sum of <u>One Hundred Sixty Five</u> <u>Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$165,000.⁰⁰</u>	<u>\$165,000.⁰⁰</u>
DEDUCT-3	For construction of all work required to add a second set of sludge hoppers and related conveyor improvements as shown in the 1350 series of Drawings and as described in Section 46 76 81, and as further described in the Instructions to Bidders complete in place for the sum of <u>Six Hundred Seventy Five</u> <u>Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$175,000.⁰⁰</u>	<u>\$175,000.⁰⁰</u>
DEDUCT-4	For construction of all work required to modify sludge storage tanks 1, 2, and 3 as shown in the 1150 series of Drawings, and as further described in the Instructions to Bidders complete in place for the sum of <u>One Million</u> <u>Six Hundred Seventy Six</u> <u>Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$1,676,000.⁰⁰</u>	<u>\$1,676,000.⁰⁰</u>
DEDUCT-5	For construction of all work required to modify sludge storage tank 1 as shown in the 1100 series of Drawings, and as further described in the Instructions to Bidders complete in place for the sum of <u>One Hundred Eighty Eight</u> <u>Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$188,000.⁰⁰</u>	<u>\$188,000.⁰⁰</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
DEDUCT-6	For construction of all work required to rehabilitate the existing gravity belt filters as described in Section 46 71 17, and as further described in the Instructions to Bidders complete in place for the sum of <u>Six Hundred Thirty Eight Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$1638,000.⁰⁰</u>	<u>\$1638,000.⁰⁰</u>
DEDUCT-7	For construction of all work required to install the Wet Well Wizard in the existing Influent Lift Station 1 and the new Influent Lift Station 2 as shown in Drawings M-100 and the M-200 series of Drawings (excluding the cost of the equipment listed in Bid Item III.7) and as further described in the Instructions to Bidders complete in place for the sum of <u>Sixty Three Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$163,000.⁰⁰</u>	<u>\$163,000.⁰⁰</u>
DEDUCT-8	For construction of all work required to add and modify the cloth media filters as shown in 700 series of Drawings and the work associated with the relift pump and discharge pipeline shown in the 1700 series of drawings and C-124 and as further described in the Instructions to Bidders complete in place for the sum of <u>Six Hundred Seventy Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$1670,000.⁰⁰</u>	<u>\$1670,000.⁰⁰</u>
DEDUCT-9	For construction of all work required to add an entrance sign and related landscaping as shown on Drawings C-134, C-135, and C-136 and as further described in the Instructions to Bidders complete in place for the sum of <u>One Hundred Eighty Seven Thousand Dollars</u> _____ Dollars and <u>Zero</u> Cents.	LS	1	<u>\$187,000.⁰⁰</u>	<u>\$187,000.⁰⁰</u>

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT
ALT-1	For construction of all work required to remove and dispose of two existing belt filter presses in thickening building, and to install one new belt filter press in the dewatering building as shown in Drawings 1350 ALT series of Drawings and Section 46 76 22.10 and as further described in the Instructions to Bidders complete in place for the sum of <u>Six Hundred Forty Thousand Dollars</u> Dollars and <u>Zero</u> Cents.	LS	1	<u>\$640,000.⁰⁰</u>	<u>\$640,000.⁰⁰</u>

PROPOSED CONSTRUCTION TIME:

1. CONTRACTORS PROPOSED CONSTRUCTION TIME FOR COMPLETION:

TOTAL CALANDAR DAYS THROUGH FINAL COMPLETION: 975

SEK OFFEROR'S INITIALS

END OF SECTION