



**TLC Diversified, Inc.**  
**Keeping Water Moving.**

Environmental Construction  
Professionals Serving the Water  
& Wastewater Industry

CG C041816  
CU C053963

June 1<sup>st</sup>, 2020

City of Hallandale Beach  
630 NW 2<sup>nd</sup> Street  
Hallandale Beach, FL 33009  
Attn: Mr. Jeffrey Odoms

RE: City of Hallandale Beach Egret Lift Station Project: Channel Grinder Installation

Mr. Odoms,

Please find enclosed our proposal for the installation of Channel Grinder at Egret Lift Station.

Also, please find enclosed our scope document for the above-mentioned project.

Following are the current lead times we received for the materials/equipment being supplied on this project:

- Channel Grinder Submittals: 4 weeks from receipt of Purchase Order
- Channel Grinder Delivery: 10 weeks from approved shop drawings
- Hatch Covers Submittals: 3 weeks from receipt of Purchase Order
- Hatch Covers Delivery: 6 weeks from approved shop drawings

**Total Proposal Amount - \$222,538.00**

We appreciate the opportunity to work with you on this project. Should you have any questions please feel free to contact us.

Thank you.

Respectfully,

Nitish Krishnan  
Project Manager.  
TLC Diversified, Inc.  
650-739-6426

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**Hallandale Beach Egret Lift Station Project: Channel Grinder Installation**  
**Project Scope Definition**

Please see below list of inclusions in our project scope:

- Mobilization/Demobilization
- Furnish Labor, Materials and Equipment
- Removal of Existing Generator (includes slab)
- Concrete Cutting for new Lift Station Hatches
- Perform Concrete Modifications around floor openings for Hatches.
- Furnish & Install Two (2) Access Hatches
- Furnish & Install 304 Stainless Steel Ladder (10'-0")
- Furnish & Install Channel Grinder Package (includes 304 SS lifting bail w/ 16' chain, 304SS Custom Frame with 11'-0" guide rails)
- Furnish & Install PC2200 NEMA 4X FRP Grinder Control Panel
- Electrical Work (Includes the demolition of generator conduit, wiring of motor, installation of junction box)
- Controls Work (includes display capability to existing SCADA)
- Any touchup of existing coatings is included.
- Furnish & Install Lifting eyes for safety above two access hatches.

Please see below scope clarifications:

- The Controls Work does not include any controls from existing SCADA. Only display capabilities is included
- Modifications to existing RTU is not included
- Existing generator conduit to be capped at the location of core through upper beam
- Coatings Touchup is included only around floor openings
- Any work not mentioned in above proposal is not included

Pay Item No.	Description	Quantity	Unit	UnitPrice	Amount
<b>PS-1 Mobilization / Demobilization</b>					
PS-1D	Mobilization/ Demobilization \$7,501 or greater	1.00	EA	8,200.00	\$ 8,200.00
<b>PS-1 Subtotal</b>					<b>\$ 8,200.00</b>
<b>PS-2 Execution of General Requirements</b>					
PS-2D	Execution of General Requirements \$7,501 or greater	1.00	EA	3,200.00	\$ 3,200.00
<b>PS-2 Subtotal</b>					<b>\$ 3,200.00</b>
<b>PS-28 Furnish and Install Valve Vault Top Slab, Access Frame and Door (HS-20 Rated) (Duplex)</b>		55.00	SF	190.00	\$ 10,450.00
<b>PS-28 THROUGH PS-31 Subtotal</b>					<b>\$ 10,450.00</b>
<b>PS-35 Install 100% Calcium Aluminate (Sewper Coat™) Lining System</b>		100.00	SF	23.00	\$ 2,300.00
<b>PS-46 Furnish and Install Structural Concrete (4000 psi)</b>		3.00	CY	900.00	\$ 2,700.00
<b>PS-47 Remove/Reconstruct Concrete Driveways/Control Panel Slabs: All 6 inches thick around</b>		30.00	SY	285.00	\$ 8,550.00
<b>PS-33 THROUGH PS-54 Subtotal</b>					<b>\$ 13,550.00</b>
<b>PS-56 Furnish and Install Control Panel 230 Volts/3 Phase</b>					
PS-56AA	Furnish and Install Control Panel 230 Volts/3 Phase 1.0 - 3 HP Contact Motor Starter	1.00	EA	28,000.00	\$ 28,000.00
<b>PS-56 Subtotal</b>					<b>\$ 28,000.00</b>
<b>PS-60 SCADA/RTU Panel Relocation</b>		1.00	EA	6,000.00	\$ 6,000.00
<b>PS-59 THROUGH PS-61 Subtotal</b>					<b>\$ 6,000.00</b>
<b>PS-62 Furnish and Install New Submersible Pumps 3 HP Pump or less CP or N series/HC Impeller Option</b>					
PS-62P	New Submersible Pumps 75.5 - 90 HP Pump CP or N series/HC impeller option	1.00	EA	63,000.00	\$ 63,000.00
<b>PS-62 Subtotal</b>					<b>\$ 63,000.00</b>
<b>PS-68 Generator Electrical Work &amp; Start-up</b>		1.00	EA	13,150.00	\$ 13,150.00
<b>PS-63 THROUGH PS-68 Subtotal</b>					<b>\$ 13,150.00</b>
<b>PS-70 New Replacement S.S Pump Guide Rails - 2 inch</b>		100.00	LF	37.00	\$ 3,700.00
<b>PS-70 THROUGH PS-71 Subtotal</b>					<b>\$ 3,700.00</b>
<b>PS-72 New Replacement S.S Guide Rail Brackets</b>					
PS-72A	New Replacement S.S Guide Rail Brackets (2 In. Upper Guide Rail Bracket)	5.00	EA	270.00	\$ 1,350.00
PS-72B	New Replacement S.S Guide Rail Brackets (2 In. Intermediate Bracket)	5.00	EA	350.00	\$ 1,750.00
<b>PS-72 Subtotal</b>					<b>\$ 3,100.00</b>
<b>PS-86-94 Labor Rates</b>					
PS-86	Labor Rates Foreman	240.00	HR	85.00	\$ 20,400.00
PS-87	Labor Rates Skilled	200.00	HR	65.00	\$ 13,000.00
PS-89	Labor Rates Un-Skilled	200.00	HR	45.00	\$ 9,000.00
PS-90	Labor Rates Electrician	24.00	HR	72.00	\$ 1,728.00
PS-91	Labor Rates Electrician Helper	24.00	HR	55.00	\$ 1,320.00
PS-92	Labor Rates Backhoe Operator	80.00	HR	51.00	\$ 4,080.00
PS-93	Labor Rates Crane Truck Operator	80.00	HR	51.00	\$ 4,080.00
PS-94	Labor Rates Dump Truck Driver	80.00	HR	51.00	\$ 4,080.00
<b>PS-86 THROUGH PS-94 Subtotal</b>					<b>\$ 57,688.00</b>
<b>PS-95-107 Equipment Rental</b>					
PS-95	Equipment Rental Backhoe (1.0 Cubic Yard Bucket)	10.00	DAY	400.00	\$ 4,000.00
PS-96	Equipment Rental Dump Truck (5 Cubic Yards)	10.00	DAY	350.00	\$ 3,500.00
PS-107	Equipment Rental Crane Truck (25 Ton or less)	10.00	DAY	500.00	\$ 5,000.00
<b>PS-95 THROUGH PS-107 Subtotal</b>					<b>\$ 12,500.00</b>
		<b>Base Bid</b>			<b>\$ 222,538.00</b>
999-0000	Unspecified Work (Allowance)	0.00	EA	1.00	\$ -
<b>*Add Base Bid + Unspecified Work for Total Bid*</b>		<b>Total Bid</b>			<b>\$ 222,538.00</b>