

environmental **EI²**
improvements inc.

Quotation

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May 28, 2019

To: City of Georgetown

Attn: Mike Welch

PROJECT: Dove Springs WWTP Fine Screen Replacment

Environmental Improvements, Inc. is pleased to offer the following quotation, for the installation of one Huber RPPS sine screen and one JMS shaftless screw conveyor.

The Scope of work will include Removal of existing equipment and controls, installation of replacement equipment and controls.(See the following for more detail)

Scope of Supply

One ROTAMAT® RPPS Perforated Plate Screens

- **Model:** RPPS/1200/3
- **Maximum Flow Capacities**
 - 5.20 MGD Clear Water
 - 4.00 MGD at 250 mg/L TSS

Including

- Channel Mounted design
- 304L Stainless Steel Construction; pickled and passivated in acid bath
- Shafted screw with integrated maintenance free bearing
- 35° inclined auger tube
- 35° inclined screen basket; width: 4 ft (1200 mm)
- Perforated plate spacing: 0.12" (3 mm)
- Class 1 / Division 1 motor, 2 HP, SF 1.0 VFD
- screen basket covers included
- Two (2) solenoid valves for compaction zone and IRGA, 1-inch, 120 VAC, 2-way brass body, Class 1 Division 1
- One (1) solenoid valve for spraybar, 1 1/4-inch, 120VAC, 2-way brass body, Class 1 Division 1

Control Panel

- Including:
- Enclosure, NEMA 4X, 304, Stainless Steel
- 1 - Main Disconnect, Non-Fused Type, w/ Through Door Handle
- 1 - VFD, Altivar 320, with CB Branch Circuit Protection
[2HP - 480VAC Max, Screen]
- 1 - Control Power Transformer, 480-120VAC w/ branch circuit protection
- 1 - Panel Heater w/ Thermostat
- 1 - Programmable Logic Controller, A-B MicroLogix,
- 1 - SPD, 120VAC
- 1 - Lot, Circuit breakers, 120VAC
- 1 - Lot, Pilot Lights, Transformer Type, [As Required]
- 1 - Lot, Push Buttons, [As Required]
- 1 - Lot, Selector Switches [As Required]
- 1 - Lot, Control Relays
- 1 - Lot, Terminal Blocks
- 1 - Lot, Dry Contacts
- 1 - Lot, Intrinsically Safe Circuits, [Home Prox]
- 1 - UL Listed / Labeled
- NEMA 7 Local control Station
- Ultrasonic level Control sensor

JMS Shaftless Screw Conveyor (Jim Myers & Sons)

- Stainless steel body with collection hopper.
- UHMW wear liner
- Shaftless screw 8" diameter

Comments

Environmental Improvements, Inc. is pleased to be handling the following manufacturer's proposals for the above referenced project. Environmental Improvements, Inc.

Unless otherwise stated in the attached manufacturer's scope of supply, the following applies:

- ♦ Prices are FOB factory with full freight allowed.
- ♦ Prices will include start-up services as specified.
- ♦ Motors and gearboxes will have the manufacturer's standard paint.
- ♦ Electrical Control panels, motor starters or anchor bolts are not included.
- ♦ Prices are good for thirty (30) days from bid date.
- ♦ Electronic O&M costs not included in pricing.
- ♦ Delivery Times are our best estimate at this time but are subject to change.

PAYMENT TERMS ARE 90% 30 DAYS: 5% FOR O&M MANUALS AND 5% ON START-UP OR BENEFICIAL USE, NOT TO EXCEED 90 DAYS FROM SHIPMENT

Scope of Work

Item Description

1 Remove existing screen, controls and auger

Disconnect electrical and water

Set the units on a trailer and dispose of the used equipment

2 Ready the channel for the new screen

Install water booster pump

Install new level transducers

3 Install Screen, controls and Auger

Connect electrical and plumbing

Price includes the following

- Crane Service
- Electrical connections
- All needed labor to complete

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Price for service as described above in this proposal \$148,815.30

Thank you for the opportunity to offer our equipment and services,



Brian Phenegar

Vice President