



PSI Technologies Inc

Scope of Supply

City of Pembroke Pines/Jacobs / WTP American Marsh VT Pump

American Marsh - 10AJ-2STG TRANSFER PUMP

19FT FLANGED OAL WITH TNE MEC N140 COATING CAST IRON/316SS IMPELLER

3500GPM @ 35TDH 1800RPM DESIGN NON-WITNESS TESTING

<u>Fluid</u>	<u>Temp</u>	<u>Spec Gravity</u>	<u>Viscosity</u>	<u>FLOW</u>	<u>TDH</u>	<u>RPM</u>	<u>EFF</u>	<u>POWER</u>
Water	68	1	1cP	3,500 GPM	35 FT	1760	86.84	37.1BHP

Replacement American Marsh (Serial # 303406) VT 10AD-25TG Transfer Pump (1)

OAL OVERALL LENGTH ASSEMBLY 228" OAL, Bottom Head to Bottom Strainer +/- 2"

10AJ WL 16D BLXBWL SSF LH 316SS IMPELLER, L/SFT

10AJ ADD STG 16D SSF 316SS IMPELLER, L/SFT

SFT,WL 10AJ 2STG 1.188" KEYED IMP, MISC LGTH 416SS

33.3125 in. LONG BOWL SHAFT Cplg Line 1.187-12 x 2.875L 416SS

BSKT STR R REBAR BOLT-ON AJ10 GALV W/VORTEX PLATES

NAMEPLATE,0.500X4.500 AMP VT F/ SERIAL # AND MODEL

F/(1)10AJ-2 STG(s) 16° propeller, Open LINESHAFT BOWL ASSY

Bell x Bowl x 1-3/16in-12TPI10 in. SHAFT PROJECTION

PAINT: Black Coating & Head OD AMP Red Serial#

***** Bowl to Column Hardware**

SCREW,HEX HD 1/2-20X1-3/4" 18-8SS 8

***** Bottom Column Section**

PIPE,FLG 12"XMISC BXF 10AJ WL .375W 0-5' 1n 53.00" Long

SFT,LN 1.187 MISC 416SS

53.00" Long x 1-3/16"-12 TPI

Cplg Line 1.187-12 x 2.875L 416SS



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RETAINER ASY 12.000X3.000X1.18 RBR/304SS

BOLT KIT 12" FAB. COLUMN F/ COATING

*** Intermediate Column Section

PIPE,FLG 12"XMISC FXF WL .375W STL +5'-10'

120.00" Long

SFT,LN 1.187X120.000 12T 416SS

Cplg Line 1.187-12 x 2.875L 416SS

RETAINER ASY 12.000X3.000X1.18 RBR/304SS

BOLT KIT 12" FAB. COLUMN F/ COATING

*** Top Column Section

PIPE,FLG 12"XMISC FXH WL .375W STL 0-5'

24.00" Long

SFT,LN 1.187 MISC 416SS

33.50" Long x 1-3/16"-12 TPI

Cplg Line 1.187-12 x 2.875L 416SS

HDSFT ASY 1.187X34"LG 416 SFT

BOLT KIT 12" COL TO 12" HEAD F/ COATING

HD ASY,TR/FR12HD L/KITS CI

SFT GRD KIT VT D.HD.R12HD 22GA 302SS (4 screen sections)

STUFFING BOX KIT VT 1.187 LP 5.00X3.750FIT 1.818"ID TOP

FDN PLT KIT 28SQ R12HD HD

NAMEPLATE,1.875X4.750 AMP VT DATA PLT F/COMPLETE PUMP SPEC

IOM MANUAL VERTICAL TURBINE PUMP - 480 (24004)

50HP US Motor, 1800RPM 3/60/230-460V, 326TP, 7875# Inverter duty

With: 1-3/16" Clutch, Ground Lugs, 4500# Thrust

& Non-Witnessed Short Commercial Test

COATING REQUIREMENTS

BOWL COATING OD & BELL ID 10MDFT, TNEMEC N-140, BLACK

(1) 10AJ-2 Stage Bowl Assy. Bell x Bowl

COLUMN COATING ID & OD ONLY 10MDFT, TNEMEC N-140, BLACK

3520 Investment Lane, Unit 3, Riviera Beach, FL 33404 P: 305-998-1371 F: 866-344-1639



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(1) 12" x 53" Flanged Column Pipe

(1) 12" x 120" Flanged Column Pipe

(1) 12" x 24" Flanged Column Pipe

PKG HSG & ADPT PLT OD COATING 10MDFT, TNEMEC N-140, BLACK

(1) 1-3/16" x 3.75" Packing Housing

(1) 3.75" x 5.0" Adapter Plate

HEAD COATING, ID ONLY 10MDFT, TNEMEC N-140, BLACK

(1) FR12HD Discharge Head

FDN PLATE COATING TOP & BOTTOM 10MDFT, TNEMEC N-140, BLACK

(1) 28" Square Foundation Plate

LT 24-36 weeks ARO

Items not specifically listed above, are NOT included.

Clarifications:

- *Power & control cords are FM certified.*
- *Taxes are NOT included in this Proposal*

Exceptions:

- *Installation is not included.*
- *Gauges supplied by others.*

Price \$ 55,550.00