

Owner: Pierre Vignier  
The City of Port Saint Lucie

Engineer: Kimley-Horn  
Project Name: James E Anderson RO Water Treatment Membrane Replacement  
Purchase Order No: 20210584  
Aerex Project No: JMS21120  
Aerex Contact: Alejandro Melo Valdez  
Date: November 11, 2022

**PROPOSAL - REQUEST FOR CHANGE ORDER**

Proposal No.: 007  
Reference: Replace RO Pressure Vessels

**Change in Scope / Justification:**

Description:  
Table 1.1 Replacement of pressure vessels on Trains that have not had membrane elements replaced.  
Table 1.2 Replacement of pressure vessels on Trains that have new membrane elements installed.  
Table 1.3 Protec Arisawa Pressure vessels

**TABLE 1.1 - Cost Breakdown:**

Aerex will supply field technicians to complete the removal, disposal, and installation of new pressure vessels. Related material to be supplied by owner.

**Price (per skid):**           \$20,460  
**Total:**                   \$102,300

**TABLE 1.2 - Cost Breakdown:**

Aerex will supply field technicians to remove and transfer membrane elements to an empty train, install new pressure vessels followed by re-installation of membrane elements from the next train in the sequence. Related material to be supplied by owner.

**Price (per skid):**           \$37,850  
**Total:**                   \$189,250

**TABLE 1.3 - Cost Breakdown:**

445 Protec Pressure Vessels Model PRO 8 300 SP 7. Included with each vessel:  
Finish sanding and UV protecting paint, (3) saddles and (3) straps, end caps, (2) standard 1.125" membrane adapters, (1) standard thrust cone (PVC).

<b>Pressure Vessels (445):</b>	<u>\$406,909.82</u>	
<b>Packaging required for shipping (445):</b>	<u>\$13,981.53</u>	
<b>Freight on board 4 shipments)</b>	<u>\$26,000 (\$6,500 EA)</u>	
<b>Labor</b>	<u>\$340</u>	
<b>Overhead</b>	<u>\$41,482.5</u>	
<b>Profit Markup</b>	<u>\$82,965</u>	
<b>Bonding:</b>	<u>\$5,717.15</u>	
<b>Subtotal:</b>		<u><b>\$577,396</b></u>

**Total Price (Tax included): \$868,946**



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<b>Add on (OPTIONAL) - Upgrade to PVC Perm Ports (890):</b>	<b>\$9,594.2</b>
<b>Overhead</b>	<b>\$890</b>
<b>Profit Markup</b>	<b>\$1,780</b>
<b>Bonding:</b>	<b>\$122.64</b>
<b>Subtotal:</b>	<b>\$12,386.84</b>

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**Total Price with add on: \$881,332.84**

***Acceptance and Authorization to Proceed***

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Signature

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Print Name

3504 Industrial 27<sup>th</sup> Street \* Fort Pierce, Florida 34946  
Telephone (772) 461-0004 \* Fax (772) 467-2608  
FL CGC1507464

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