

# ST. CLOUD WELDING & FABRICATION, INC.

BOILERS – PIPING – STRUCTURAL STEEL – FABRICATION - ERECTION

ASME CODE WELDING -- AUTHORIZED “R” STAMP -- AUTHORIZED “S” STAMP and “U”STAMP  
CERTIFIED GENERAL / MECHANICAL CONTRACTOR -- LICENSE # CGC 1507486 --CMC 056782

3724 Hickory Tree Road – St. Cloud, FL 34772-7548

Phone: 407-957-8005 Fax: 407-957-4514

## PROPOSAL

Date: June 15, 2018

Attn: Scott Henriksson, Sonia Iszler

City of Marco Island Utilities

7130 N. Collier Blvd

Naples, Fla.

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**Re: RFQ Qty. (2) 144-inch media vessel site survey for internal repair / Replace / re-bed of media re coat internal coating system and exterior coating systems**

**Jobsite:** 7130 N. Collier Blvd., Naples Fla. North water lime softening plant

We Appreciate the Opportunity to Submit Our Proposal as requested as per specifications provided for scope of work per Site Visit survey.

### **Site survey vessel condition:**

- Exterior paint condition good (Faded)
- Exterior face piping and valves condition good Paint (Faded)
- Internal upper / lower drains / laterals – (replace due to Age)
- Internal coating condition / Exterior Coating System
- Air release / pressure relieve valve need to replace (appears to original valves)
- Anodes all (2) vessels need to be replaced
- Upper / lower drain main header pipe flange bolt up hardware rotted / recommend replace with SS hardware
- New Man way gaskets required

### **Scope of Work:**

Provide Supervision, Labor, equipment and materials to recondition qty. (2) 144” media vessels on site @ above jobsite address, erect access scaffolding, Vac existing media remaining in vessels and dispose @ class 1 landfill, set up confined space entry of vessels remove upper and lower drain / laterals in all (2) vessels. Set up to media blast (2) vessels interior coatings / metal to SSPC-SP10, NACE 2 specification clean debris for vessels prep for new internal coating system TNEMIC 100% Series 22 High Build Solids 20 -26 mills, cure coatings per Mfg. recommendations, set up install new lower drains / laterals, install new upper drain piping, prep exterior of vessels for new TNEMEC 135 epoxy primer and TNEMEC 1074 urethane paint coatings, install new anodes, air releases, set up bed gravel (2) vessels, bed 1/8” filter gravel, Bed 20#-30# filter sand, Bed anthracite coal bed, close manways new gaskets Perform startup of vessel operation with City Operators, check for leaks etc. and return media vessels back to service.

**Includes:**

1. Supervision and Labor
2. Materials as Specified, Sch. 80 Upper / Lower drains / laterals, SS hardware, Air releases, anodes, gaskets, replacement media gravel, filter sand, anthracite
3. Equipment Shooting Fork Lift, tools, consumables
4. Media Blast Interior to SSPC SP10-NACE2, Coating Internal TNENEC Series 22, Exterior TNEMEC 135 Epoxy and Finish Urethane TNEMEC 1074 green to match plant theme
5. Freight / shipping
6. Rental shooting boom fork lift, Vac Service, Bobcat
7. Roll off and Dump Fees,

**Excludes:**

1. Any other condition not noted on site visit, on existing Plant equipment

**General Notes:**

1. Safety is of utmost importance and will be adhered to at all times per SCWF Inc. and Customer standard safety programs (Safety First)
2. Vessel Internal work will be confined space permitted entry @ all times per SCWF confined space safety policy
3. Work safe access scaffolding required for vessel access work
4. Clean Up on site daily
5. All Welding to and ASME Section IX Welding standards
6. All Welding operators / welders will be qualified per approved WPS, PQR, WPQ GTAW, SMAW, FCAW, GMAW,
7. Scheduled work hrs. (10) 7 am – 5.30 pm
8. All Internal Piping, laterals, SS hardware, Gaskets and Replacement media supplied by Original Mfg. Miami Filter LLC.
9. Subcontractor Crystal Coatings media blasting approved TENEMIC coating Application contractor
10. Media 1/8-1/4 Gravel required for vessel, #20 Quartz Silica Filter sand required for vessel, No. 1 Anthracite required per vessel,

**Customer Responsibility:**

1. Provide adequate access to job site daily while work is being performed
2. Provide Operator for Start up

**Schedule:** TBD

- Material procurement Miami Filter 4-6 weeks, Media Water Treatment & Controls 4-week anthracite lead item coming from out of state supplier
- Vac service 2 days per vessel 1 week
- Internal piping demo 1 day per vessel, 2 days
- Media Blasting internal 1 day, coating 1 day 2 days per vessel 1 week
- Installation of internal piping 1 day per vessel, 2 days .5 week
- Blast and paint exterior coating System 2 days per vessel 1 week
- Exterior piping air releases and anodes 1 day per vessel, 2 days
- Bed new media system 2 days per vessel 1 week
- Duration on site 4-5 weeks barring no unforeseen problems

**Price Schedule: Estimate Breakdown:**

Replacement Materials Internal Piping / Laterals / Anodes qty. (2) Vessels ....	19,305.00	Miami Filter
Replacement Media qty. (2) Vessels, Gravel, Sand, Anthracite Coal .....	39,000.00	Miami Filter
Vac Service qty. (2) vessels .....	23,745.00	SWS
Supervision and labor, Per Diem.....	62,000.00	SCWF
Equipment required .....	12,890.00	SCWF
Internal / Exterior Blasting / Coating Systems (2) vessels .....	37,650.00	Crystal Coatings

Total Price .....\$ 194,590.00

Note: 2 vessel breakdown cost per vessel \$ 97,295.00

**Payment Schedule:** Net 10 Days

Any changes in scope of work will constitute a change order and a change order has to be signed and agreed upon by both parties prior any material or work commences

Respectfully submitted,



Dell Lollis  
Vice President



**ST.CLOUD WELDING & FABRICATION INC.**

**Is where quality and professional work still means something!**