



AQUA-AEROBIC SYSTEMS, INC.
Partnering for Solutions

May 05, 2015

Correspondence ID#: AAL-32202
Dugan & Meyers Construction Co., Inc.
Attn: Daniel Haney
2712 River Green Circle
Louisville, Kentucky 40206-1085
USA
Ph# 502/894-4481
Fax# 502/894-4482
Email: dhaney@dugan-meyers.com

Project: OLDHAM COUNTY KY

RE: Dugan & Meyers PO #14-4-924-003 dated 3/31/15
AASI ID#112149 / SO#74933 / AquaSBR® Sequencing Batch Reactor
Request for Waiver

Dear Dan,

Aqua-Aerobic System's Inc. is requesting a waiver for the Viton seated air valves on this project. Please forward this on to the engineer to be submitted on behalf of the SRF assistance recipient. Any questions related to this request may be directed to my attention.

General:

The Sequencing Batch Reactor requires electric air valves for air distribution and manual air valves for isolation. The standard seat material is EPDM, and for high heat applications Viton must be used.

- **Description of the foreign and domestic construction materials**

The design includes the specified valves:

Furnish a total of six (6), 8" diameter electrically operated butterfly valves to control the air flow. Valves shall be a ABZ style 102 electrically operated butterfly valves with lug style end, cast iron body, ductile iron disk, Viton seat, 416 stainless steel shaft assembled and tested with a Auma SG 12, 115 volt, single phase, 60 cycle open/close service electric actuator.

This waiver request was submitted to the EPA by Oldham County, KY. All supporting correspondence and/or documentation from contractors, suppliers or manufacturers included as a part of this waiver request was done so by the recipient to provide an appropriate level of detail and context for the submission.

- **Name and address of proposed suppliers**

ABZ Manufacturing Inc.

Address: 113 W Main St, Madison, KS 66860

Conbraco Industries Inc. / Apollo

Address: 701 Matthews-Mint Hill Rd, Matthews, NC 28105

NIBCO INC.

Address: 1516 Middlebury St, Elkhart, IN 46516

Milwaukee Valve

Address: 16550 W Stratton Dr., New Berlin, WI 53151

Milliken Valve Co

Address: 190 Brodhead Rd # 100, Bethlehem, PA 18017

DeZurik

250 Riverside Ave N, Sartell, MN 56377

Bray International Inc.

Address: 13333 Westland E Blvd, Houston, TX 77041

Del Tech Controls, L.L.C.

6068 Hwy. 73, Geismar, LA 70734

- **Reason for foreign construction materials**

The seat material is only available in EPDM in lug style construction, and not Viton as specified.

Sincerely,

Dave Cornford
Project Manager

CC: J. Dwight Thompson Company /ph# 859-351-0850 / fax#: 859/873-6008
Aqua-Aerobic Systems, Inc. Steve Stanish / sstanish@aqua-aerobic.com

Each diffuser assembly shall include a 3" diameter manually operated isolation butterfly valve for connection to the main air distribution piping by the installing contractor. Valve gaskets and hardware are to be provided by the installing contractor. Valve shall be a lugged style butterfly valve with cast iron body, viton seat, ductile disk and one piece stainless steel shaft.

Blower discharge isolation valves.

- **Unit of measure**

The unit of measure is each.

- **Quantity**

(6) 8" electrically air operated lug style butterfly valves
(15) 3" manually operated lug style butterfly valves
(1) 4" manually operated lug style butterfly valve
(1) 6" manually operated lug style butterfly valve
(3) 8" manually operated lug style butterfly valves

- **Price**

(6) 8" electrically air operated lug style butterfly valves (No actuators)
\$5437.74 Total
(15) 3" manually operated lug style butterfly valves \$5237.10 Total
(1) 4" manually operated lug style butterfly valve \$469.49.00
(1) 6" manually operated lug style butterfly valve \$780.00
(3) 8" manually operated lug style butterfly valves \$2718.87

- **Time of delivery or availability**

The SBR equipment is scheduled to ship from the manufacturing facility October 16, 2015.

- **Location of construction project**

OLDHAM COUNTY KY
WASTEWATER TREATMENT PLANT
9116 HITT LANE
CRESTWOOD KY 40014
USA-MUN