

GMS, INC.
CONSULTING ENGINEERS
611 NORTH WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903-1074

TELEPHONE (719) 475-2935
TELEFAX (719) 475-2938

EDWARD D. MEYER, P.E.
ROGER J. SAMS, P.E.
GREGORY R. WORDEN, P.E.
THOMAS A. McCLERNAN, P.E.

KEN L. WHITE, P.L.S.
DAVID R. FRISCH, P.L.S.
MARK A. MORTON, P.E.
JASON D. MEYER, P.E.

December 12, 2011

Mr. Wes Weaver, President
Weaver Construction Management, Inc.
3679 South Huron Street, Suite 404
Englewood, CO 80110

Via Email to: wes@weavergc.com
No Hard Copy to Follow

Re: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)
Lower Fountain Metropolitan Sewage Disposal District (LFMSDD)

Dear Wes:

Reference is made to your shop submittal identified as follows:

Submittal No.:	08301-001B – Supplemental Information
Date of Submittal:	November 17, 2011
Title:	ThermaSeal Insulated Overhead Door
Specification Section:	08301
Manufacturer:	Raynor

This correspondence is in regard to the referenced submittal stamped "***No Exception Taken***" with ***a condition***. Please reference our comments below.

1. GMS, Inc. provided a shop submittal response to Weaver Construction Management, Inc. on November 9, 2011 in regard to Shop Submittal No. 08301-001B. The response letter conditioned the No Exception Taken on the Contractor providing an extended 5-year warranty. Subsequent to this correspondence, John Jacob with WCMI called on November 16, 2011 and indicated the 5-year warranty would not be granted.
2. In an effort to bring closure to this shop submittal response and whether an extended warranty has been granted, we offer the following clarification on the warranty.
 - a. The extended warranty will apply to those parts and pieces that do not meet the project specification, i.e.:
 - Track bolts proposed for coating with RIE 5230 coating
 - Cast iron coupler proposed for coating with RIE 5230 coating
3. The extended warranty does not apply to the remainder of the parts and pieces that meet the project specifications. The extended warranty must include all labor and materials associated with replacement should the identified parts and pieces fail during the extended warranty period.

Mr. Wes Weaver
December 12, 2011
Page 2

4. Please provide written confirmation on whether the extended warranty is to be provided as requested in our response dated November 9, 2011. If the warranty is not extended, we request a product alternative be provided or other arrangements be discussed.

Please call if you should have any questions.

Sincerely,



David R. Frisch, P.L.S.

DRF/kmw
Attachments

ec (w/attachments):

Mr. Jim Heckman, Manager, LFMSDD, lfmanager@lfmsdd.org

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, fsdistrict@fsd901.org

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., jeff@weavergc.com

Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., john@weavergc.com

Mr. Tyler Ammerman, Weaver Construction Management, Inc., tammerman@weavergc.com

Ms. Leslie Brown, Weaver Construction Management, Inc., leslie@weavergc.com

cc (w/attachments):

Mr. Jerry Miller, Resident Project Representative, GMS, Inc.



PRODUCTS FOR A LIFETIME

To: Weaver Construction Management
3679 S Huron St Ste 404
Englewood CO 80110

Date: **October 31, 2011**
Updated

Attn:

Cell
Phone **303-789-4111**
Fax **303-789-4310**
Email

Page # 1

PROPOSAL

RE: Sectional OHD Harold D Thompson Regional Water

DESCRIPTION

Submittal 08301-1
Raynor ThermaSeal Insulated Door

Doors Track and Fixtures Provided on this project

304SS - Track and Track Fasteners - **except track bolts which are case hardened carbon steel coated with RIE 5230 coating. Stainless track bolts are not available. See spec sheet on RIE 5230 coating.**
304SS - Solid Shaft and key stock
304SS - Bearing plates and bearing - bearing flange in anodized aluminum and the bearing is stainless
304SS - Hinges, Top Fixtures, Bottom Fixtures, Hinge fasteners
304SS - Roller Stem Bearings
304SS - Perforated Angle Iron
316SS - Cables
302SS - Springs
The "TEK" screws for the top and bottom fixtures are **404 SS with RIE 5230 coating.**

See spec sheet on RIE 5230 coating.

Drums and Cones are Aluminum alloy with rust inhibiting coating
Coupler is cast iron with rust inhibiting coating. **See spec sheet on RIE 5230 coating.**
This is a special adjustable slotted coupler designed for sectional doors. No other material available.
Roller bearing is Chrome Plated.

Windload 100 mph

12 x 12 and 14 x 14 Raynor ThermaSeal Optima (20 gauge steel) meet
100 mph wind load requirement

Merlin Kooiman
Project Manager
Phone: 970-567-5162
merlin@frontrangeraynor.com



RIE Coatings

221 Logeais Street – Box 350
Eden Valley, MN 55329

Phone: 320-453-8311 ~ Email: rchanson@rie coatings.com ~ Fax: 320-453-8315

Technical Data

RIE 5230
Corrosion Protective Finish

GENERAL DESCRIPTION

RIE5230 Black is a protective coating material formulated for application to small fasteners and stampings. Automotive, roofing, metal building and appliance industries specify this finish to protect fasteners from salt spray, acid rain, and other corrosive environments.

Approvals and Qualifications

- * Chrysler Corp. PS-7001
- * Ford Motor Co. ESE-M13P6-B1, ESA-M21P8-A, ESA-M21P189-A, WSD-M21P10-B3
- * GM Corp. GM6046M
- * John Deere DTW-1248
- * Melrose Co. Fluoropolymer Coating W

Chemical and Environmental Resistance

Acids	-	Fair
Bases	-	Good
Solvents	-	Good
Salt Spray	-	Good
(Up to 1,000 hours over 0.0003" zinc plating)		
Acid Rain	-	Good
UV Light	-	Fair

Performance Characteristics

Lubrication	-	Good
Nonstick	-	Poor
Operating Temp.	-	400F



PRODUCTS FOR A LIFETIME

To: Weaver Construction Management
3679 S Huron St Ste 404
Englewood CO 80110

Date: October 19, 2011

Attn:

Cell
Phone 303-789-4111
Fax 303-789-4310

Page # 1

Email

PROPOSAL

RE: Sectional OHD Harold D Thompson Regional Water

DESCRIPTION

Submittal 08301-1
Raynor ThermaSeal Insulated Door

Doors

Track and Fixtures Provided on this project

304SS - Track and Track Fasteners - except track bolts which are coated with rust inhibiting coating.

304SS - Solid Shaft and key stock

304SS - Bearing plates and bearing - bearing flange in anodized aluminum and the bearing is stainless

304SS - Hinges, Top Fixtures, Bottom Fixtures, Hinge fasteners

304SS - Roller Stem Bearings

304SS - Perforated Angle Iron

316SS - Cables

302SS - Springs

The "TEK" screws for the top and bottom fixtures are 404 SS with a rust inhibiting coating.

Drums and Cones are Aluminum alloy with rust inhibiting coating

Coupler is cast iron with rust inhibiting coating

Roller bearing is Chrome Plated.

Windload 100 mph

12 x 12 and 14 x 14 Raynor ThermaSeal Optima (20 gauge steel) meet 100 mph wind load requirement

Merlin Kooiman
Project Manager
Phone: 970-567-5162
merlin@frontrangeraynor.com

3847 S. Mason St Fort Collins, CO 80525
Office 970-223-9555 Fax 970-223-9558

1902 Aerotech Dr # 110 Colo Springs 80916
Office 719-533-2450

X-Original-To: drfrisch@gmsengr.com
Delivered-To: drfrisch@gmsengr.com
Subject: RE: LFMSDD HDTRWRF Shop Submittal No. 08306-001
Date: Thu, 17 Nov 2011 11:11:53 -0600
X-MS-Has-Attach:
X-MS-TNEF-Correlator:
Thread-Topic: LFMSDD HDTRWRF Shop Submittal No. 08306-001
Thread-Index: AcylRd48J6SjwshJSO28Zcig19oowAAAT5iQ
From: "John Jacob" <john@weavercm.com>
To: "Dave Frisch" <drfrisch@gmsengr.com>
Cc: <mamorton@gmsengr.com>,
<rjsams@gmsengr.com>,
"Jeff Burst" <jeff@weavercm.com>,
"Wes Weaver" <wes@weavercm.com>
Mailarmory-Level:
Mailarmory-Category: clean (0)
Mailarmory-Filter-Date: Thu, 17 Nov 2011 10:11:59 -0700 (MST)
Mailarmory-Details:
U2FsdGVkX1/eif0YpJg4DnAN0GiGX8w/1H2q7aHvrxftZfAXFv7PGALUi6eWTepMLKNWB
iEuf0McQHIqBvQsog==

Dave,

Our OH door supplier cannot supply all of the SS hardware (track bolts and couplers) because, according to them, they do not exist. Does GMS have any experience with a manufacturer that supplies SS couplers and track bolts? At this point, I will discuss this matter with other OH door suppliers and see if they can supply per spec.

The Nystrom door was \$1300 plus shipping (which is cheaper than the Bilco door), but Nystrom's fab and delivery time didn't fit our delivery requirements, and that is why I submitted the Bilco door because they would meet our delivery requirements. After talking with Jeff he believes Nystrom's delivery time may work and we could always leave a block out and place the doors when they arrive onsite.

The only potential issue with 48" x 60" Nystrom door is that the clear opening is 41" x 56" which may interfere with pump removal.....I recall talking to Mark about this???? Attached is drawing of the Nystrom door. It looks like the door meets all other intentions of design requirements. .

In summary; I will look into other OH door manufactures that are able to meet spec. Let me know if the clear opening for Nystrom door is an issue or not and I can formally submit.

Let me know if you have any questions.

Thank you,
John

From: Dave Frisch [mailto:drfrisch@gmsengr.com]
Sent: Thursday, November 17, 2011 9:30 AM
To: John Jacob
Cc: mamorton@gmsengr.com; rjsams@gmsengr.com
Subject: LFMSDD HDTRWRF Shop Submittal No. 08306-001

John

Regarding our conversation last evening:

I think we need to proceed per our specifications. For whatever reason the suppliers/manufacturers are asking for a modification to what we are specifying and we getting nothing in return.

The OH door supplier does not want to provide what we have in our spec yet refuses to give an extended warranty in exchange. You indicated his concern is he does not know what the coating reaction will be to H2S. That explains our request for an extended warranty. We are not going to put the District in a situation where they are faced with replacing parts and pieces the year after the warranty expires.

We know there is an hatch cover out there that has no channel and has a 300 psf rating. Why again is the District having to compromise? That is the spec - that is what we feel the District needs. A couple of weeks ago we provided mfg's. names and I believe Roger requested competitive pricing. I have not heard if that has been done. Has pricing and availability been requested from Nystrom and/or Syracuse? We know Nystrom has a hatch meeting our spec for \$1250 if I recall.

Is it convenient - maybe not. Is it what is specified - yes. Please pursue obtaining what has been specified on the construction documents.

dave

David R. Frisch, PLS
GMS, Inc., Consulting Engineers
phone: 719-475-2935
fax: 719-475-2938
cell: 719-640-9692

 [FDNPA x DAL.pdf](#)