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July 16, 2013

Mr. Wes Weaver, President  
Weaver Construction Management, Inc.  
c/o Garney Construction  
7911 Shaffer Parkway  
Littleton, CO 80127

*Via Email to: wes@weavercm.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.:	11369-001 <b>D</b>
Date of Submittal:	July 8, 2013
Title:	Belt Filter Press and Associated Dewatering Equipment
Specification Section:	11369
Manufacturer:	Phoenix Process Equipment Co.

The referenced submittal has been stamped **"Revise and Resubmit"**, **"Make Corrections Noted"** and **"No Exception Taken"**. Our comments are as follows:

1. There appear to be some discrepancies in the numbering of this Shop Submittal. The previous submittal was numbered 11369-001**C**. Therefore, this submittal should be numbered 11369-001**D**. Please revise your records accordingly.
2. We acknowledge the Phoenix response letter included in this submittal and have the following comments:
  - a. Comment No. 1: We take no exception to the correction of the motor horsepower rating of the wash water booster pump to 5 horsepower.
  - b. Comment No. 2.a regarding the suction connection position of the sludge feed pumps, no response has been given. Please address Comment No. 2.a from the previous submittal review letter dated June 13, 2013.
  - c. Comment No. 2.b regarding the elastomer expansion joints, no response has been given. However, it appears from the submitted material quote sheet that two 4" by 4" and two 5" by 4" expansion joints shall be provided. We take no exception to that listing.
  - d. Comment No. 2.c regarding the sludge feed pump model proposed to be furnished, no response has been given. From some of the submittal data sheets, it appears pump model BN 35-6L is proposed. However, pump performance data sheets for that model have not been resubmitted. The previous submittal included pump performance data sheets for pump model BN 35-6LS with performance data that did not match the pump curve submitted for pump BN 35-6L. Please verify, as previously requested, the pump model intended for use and include pump performance data sheets for that pump model.

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- e. Comment No. 2.d requested a correction for the quantity of sludge feed pumps provided from one to two, no response has been provided. Please verify on the pump performance data sheets to be resubmitted that two pumps will be provided for this project.
- f. Item No. 3: The Phoenix response indicates the sludge feed pump VFD can provide either the motor speed or the motor running amp data as an output to the SCADA system, but it cannot provide both pieces of data. Based on the VFD configuration information given in the Device Setup Parameters Drawing, it appears that Phoenix is providing the motor speed from the available VFD output. WCMI shall confirm that is correct with Phoenix. WCMI shall also then coordinate with its other subcontractors and suppliers as to the means and equipment required to communicate the motor running amp data to the facility's SCADA system.
- g. Item No. 4: We take no exception to the two dry run protection device inputs submitted.
- h. Item No. 5: We take no exception to the two high discharge pressure inputs submitted.
- i. Item No. 6: We take no exception to the corrections to the pneumatic tag labels.

Please call if you should have any questions.

Sincerely,



Mark A. Morton, P.E.

MAM/lme

ec (letter only):

Mr. Jim Heckman, Manager, LFMSDD, [lfmanager@lfmsdd.org](mailto:lfmanager@lfmsdd.org)

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, [fsdistrict@fsd901.org](mailto:fsdistrict@fsd901.org)

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., [jeff@weavercm.com](mailto:jeff@weavercm.com)

Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., [john@weavercm.com](mailto:john@weavercm.com)

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Ms. Solange Huggins, Project Engineer, Garney Construction, [shuggins@garney.com](mailto:shuggins@garney.com)

cc (letter only): Mr. Jerry Miller, Resident Project Representative, GMS, Inc.