

Missouri Department of Transportation

David B. Nichols, Director

573.751.2551

Fax: 573.751.6555

1.888.ASK MODOT (275.6636)

**ADDENDUM 004
Belton Sewer Project
Request for Bid 9-140110TV**

Bidders should acknowledge receipt of Addendum 004 (FOUR) by **signing and including it** with the original bid. The due date for receipt of bids was extended to **January 17, 2014** at 2:00PM Local Time by Addendum 003. Accordingly, the following clarifications, questions and answers are believed to be of general interest to all potential Bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Name: Tom Veasman Title: Sr. General Services Specialist
Contractor/Bidder Signature	Department of Transportation 
(Signature of person authorized to sign)	(Authorizing Signature)
Date Signed:	Date Signed: January 9, 2014

POWER may be ran to the lift station from a nearby outside electrical panel located on the east side of the truck wash building.

This system will require centrifugal pumps. Oil filled motors are acceptable. Pump selection shall be based on the performance requirements stated in the Belton Specifications-Job Special Provisions, Section D. Package Duplex Grinder Pump Lift Station, 1.05. Performance Requirements as shown below:

1.05 PERFORMANCE REQUIREMENTS: At a minimum, the pumps shall be capable of delivering 45 GPM against a rated total dynamic head of 52 feet. The pump(s) must also be capable of operating at negative total dynamic head without overloading the motor(s). Under no conditions shall in-line piping or valving be allowed to create a false apparent head. The lift station system shall be able to meet all conditions as presented in the plans. The discharge force main must be able to maintain a minimum velocity of 2 feet/second not to exceed 8 feet/second.



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