

Ohio Department of Transportation

Prebid Questions

Project No. 100410

Sale Date - 6/3/2010

Question Submitted: 5/11/2010

Question Number: 1

ODOT Project 100410 (Seneca 101 Culvert Replacement) indicates that an existing 180" steel plate pipe is to be lined with a 132" ID HDPE liner. Currently, there is only 1 manufacturer of a HDPE liner pipe in that diameter, virtually making this project single sourced for material. Due to this fact, prices for the material could be inflated greatly. There are other solutions for liner pipe available in this large diameter or even larger. The newly published SS 841 for Spiral Wound Liner can match or even exceed the 132" diameter liner currently called for in the plans. A second option would be the use of steel encasement pipe (ODOT 748.06). Respectfully, Indiana Reline, Inc.

Question Submitted: 5/24/2010

Question Number: 2

In regards to 100410, the slip lining project SEN-101-5.37, and the addendum issued 5/20/2010 the HDPE 132 inch ID liner is required to be RSC 250 however ODOT SS937 Type B only requires RSC 100 or greater. Additionally, HDPE pipe can be produced by at least one other manufacturer in 11 foot diameter with new machinery that is in place per manufacturer representative of that company. There had been three manufacturers of HDPE F 894 pipe and now there are two, not one. Project 100410 has plans drawn up and stamped by a professional engineer on how the HDPE pipe should be installed including installation and grouting details not specifically detailed in ODOT 937. Requiring HDPE to have greater ring stiffness constant and having specific design requirements puts it at a disadvantage to SS 841. SS 841 spiral wound pipe is being added with no additional stipulations or plan details but as an addendum. SS 841 is a non-structural pipe, before being reinforced and grouted, and not intended for placement outside of a host pipe or direct burial. It is our understanding being a representative of the SS 841 product and being involved in the design of it, that it requires significant engineering and detailed design. When SS 841 is used in flexible conduit further information should be provided on the plans showing the use of high strength grout, amount and placement of beam bolsters and rebar to meet structural requirements as well as other specification details unable to be engineered by addendum. We respectfully request SS 841 be omitted from project for above reasons and HDPE or casing pipe be the options.

SS 841 Material is an approved Specification and will furnish the required results. No changes are needed.

Question Submitted: 5/25/2010

Question Number: 3

Project 100410 requires 937.02 Type B 132 inch pipe meeting ODOT SS 937. ODOT 937 only requires RSC 100 or greater. Plan requires RSC 250 which is not available or can not be produced competitively based on short run of 168' for this project. RSC 160 is capable of meeting design once grouted. The addendum product, SS 841 is a non-structural pipe until braced then grouted and no additional requirements have been set on it above ODOT supplement specifications. Request RSC 160 or greater be allowed for competitive bidding.

Question Submitted: 6/2/2010

Question Number: 4

132" HDPE RSC 160 liner pipe is available from DA Van Dam in Ohio @ 330-759-0017

No response required.

Question Submitted: 6/2/2010

Question Number: 5

132" HDPE RSC 160 liner pipe is available from DA Van Dam in Ohio @ 330-759-0017

No response required.

Question Submitted: 6/2/2010

Question Number: 6

The contract plans have conflicting plan notes. Plan Sheet 4/10, General Note #5 states the contractor will be permitted to close the roadway for a period not to exceed 28 consecutive days. Plan Sheet 5/10, Paragraph 4 states that through traffic may be detoured for a period not to exceed 14 consecutive calendar days.

ODOT will allow the 28 day roadway closure.

Question Submitted: 6/2/2010

Question Number: 7

We are encountering difficulty locating liner pipe manufacturers that meet the required specification. Could the Department provide manufacturers that meet their specified requirements?

The following are the suppliers that meet SS841. Danby www.danbyrehab.com Sekisui www.sekisui-spr.com. Note that a supplier has stated: 132" HDPE RSC 160 liner pipe is available from DA Van Dam in Ohio @ 330-759-0017

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.