

Ohio Department of Transportation

Prebid Questions

Project No. 050031

Sale Date - 1/12/2005

Question Submitted:

Question Number: 1

plan sheet 15/41; note 7; Is containment required if the contractor elects to roll on the sealer?

Containment is not required for rolling the sealer however the motoring public and vegetation below should be protected from the sealer.

Question Submitted: 1/11/2005

Question Number: 2

Is the sealing system a two coat or a three coat system. Normally Spec. 864 calls for a two coat system (epoxy/urethane), but page 15 of 41 of the plans under Item 864 - exception No. 9 says "application of two coats of epoxy and one coat of urethane sealers" - Please clarify!

The project calls for a 3-coat system. Two coats of epoxy and one coat of urethane as stated on page 15 of 41.

Question Submitted: 1/11/2005

Question Number: 3

Is possible to do just shoulder closures only at Bratenahl?

Yes, but only at the times permitted when a single lane closure is permitted as stated on sheet 17.

Question Submitted: 1/11/2005

Question Number: 4

Is possible to do just shoulder closures only at Bratenahl?

Question Submitted: 1/11/2005

Question Number: 5

Are we allowed to bring a chipping machine on site to chip the waste on site?

Yes, as long as the mulch/chips meet the specifications in the ODOT 2003 CMS for Item 203 for locations approved by the Engineer.

Question Submitted: 1/11/2005

Question Number: 6

To apply the 1" strip of paint, behind the beams, will the panels need to be removed?

The intent of this note is to ensure that all visible areas of the panel has full coverage from all visible angles. The panels do not need to be removed.

Question Submitted: 1/11/2005

Question Number: 7

Will we be able to apply the following:

1 coat epoxy

1 coat tinted epoxy

and 1 coat urethane?

To ensure color uniformity with adjacent walls in the area the 2 coats of epoxy should be clear and only the top coat of urethane should be tinted as stated in the plans.

Question Submitted: 1/11/2005

Question Number: 8

If the paint is rolled on, is the enclosure still needed?

Containment is not required for rolling the sealer however the motoring public and vegetation below should be protected from the sealer.

Question Submitted: 1/11/2005

Question Number: 9

To what degree are they expecting the containment enclosure to be when applying the paint?

The motoring public and vegetation below should be protected from the sealer.

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Ohio Department of Transportation Prebid Questions

Question Submitted: 1/3/2005

Question Number: 10

Ref. 2 Removal and replacement of damaged existing concrete noise wall panels, 2000 sq.ft. The average panel size is 24ft.wide--40in.high. What method of measurement will be used to calculate the sq. ft. of payment. Measuring both sides of panel vs. only one side will drastically affect our bid price..Please clarify as the bidding documents state payment by the sq. ft. of replacement panel, but do not state how this measurement is derived.

The replacement noise wall panel is calculated by the front face only in square feet not both sides.

Question Submitted: 1/3/2005

Question Number: 11

Item 864 - Sealing of Concrete Surfaces (Epoxy-Urethane), as per plan

Sealing of Concrete Noise Barriers

#9 States "application of two coats of epoxy and one coat of urethane sealers"

Question: Should one coat of the epoxy be clear and the second be pigmented, or should both coats be clear? If the second coat of epoxy should be tinted, should it be tinted to #32648, as is the urethane, or should it be different from the urethane?

To ensure color uniformity with adjacent walls in the area the 2 coats of epoxy should be clear and only the top coat of urethane should be tinted as stated in the plans.

Question Submitted: 12/13/2004

Question Number: 12

I understand that this project is a sound wall sealing job. I also understand that the epoxy/urethane sealing materials are specified for the project. As a manufacturer of epoxy/urethane, I am strongly recommending that the state of Ohio allow the one coat sound wall coating/sealer to be approved for this application.

If the district remembers, this project was aborted 2 years ago due to complications of applying epoxy/urethane on such a porous surface. In order to achieve a uniform appearance, coverage rates were almost cut in half and materials costs almost doubled. Therefore, I am recommending that the standard one coat spec for sound wall sealing be allowed. Tamms has a successful history with the Tammscoat Fine ODOT here in Ohio and especially in the Cleveland area. Sound walls are very porous and absorb noise, moisture and low viscosity epoxy and urethanes at high rates. The one coat Tammscoat Fine ODOT is a aggregate filled, high build, acrylic coating that seals, fills voids and achieves a decorative finish at an cost effective application rate.

Therefore, Tamms Industries would like to assist in avoiding the same mistake twice on such a high profile project. Please consider allowing the ODOT spec for coating/sealing soundwalls for this project.

Sincerely,

Matt Rogers
Tamms Product Engineer.

The District prefers to bid the project as originally proposed. The problems on the last sealing project he mentions were not only material based. We also had some other issues. The project was not "aborted", it was modified based on contractor/material performance.

Question Submitted: 12/22/2004

Question Number: 13

Will ODOT allow the "functional equivalent" for sealing concrete surfaces (sound walls) for this project? Epoxy/urethane sealers require extra coats to create a uniform appearance (as we all learned 2 years ago). I recommend an addendum allowing the standard sound wall coating spec that Ohio has been instituting the past 3-4 years. I also recommend federal color 27778, an off-white that will hide any efflorescence bleed through.

Respectfully,

Matt Rogers

The plans specify the sealing material must be epoxy/urethane and meet the requirements of Supplemental Specification 864 - Sealing of Concrete Surfaces and the Item 864 - Sealing of Concrete Surfaces (Epoxy - Urethane), As Per Plan note on sheet 15 of 41. Therefore, any epoxy/urethane system that meets these requirements can be used. Also, the plans specify Federal Color Number 32648 (see sheet 15 of 41). This color was selected by the District's Aesthetics Coordinator and was chosen as part of a district-wide aesthetics plan. Therefore, only Federal Color Number 32648 shall be used on this project.

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