

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [Mark Storey](#)  
**Cc:** [Dave Nails](#)  
**Subject:** FW: Whitman Cnty Public Works - Carothers Road Solid Waste Fac - Carothors Road - Waste Transfer Bldg & Site (New/Improv) (XEW28)  
**Date:** Thursday, February 27, 2014 5:42:21 AM

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FYI, inquiry from a supplier wanting us to approve an 'or-equal' The bidding instructions state we will not consider 'or-equal' or substitutions during bidding. However, there are provisions for such during construction. We will be responding in this way to other inquiries that come in related to this.

I will craft a draft of the pre-bid agenda and flip it over to you guys to comment on. Hope all is well.

-travis

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**From:** Alisa Hartsfield [<mailto:ahartsfield@aptsurge.com>]  
**Sent:** Thursday, February 27, 2014 6:32 AM  
**To:** Wilkinson, Bret/BOI  
**Cc:** Pyle, Travis/BOI  
**Subject:** RE: Whitman Cnty Public Works - Carothers Road Solid Waste Fac - Carothors Road - Waste Transfer Bldg & Site (New/Improv) (XEW28)

Good morning,

Thank you for your response and have a great week.

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**From:** [Bret.Wilkinson@CH2M.com](mailto:Bret.Wilkinson@CH2M.com) [<mailto:Bret.Wilkinson@CH2M.com>]  
**Sent:** Wednesday, February 26, 2014 4:57 PM  
**To:** Alisa Hartsfield  
**Cc:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**Subject:** RE: Whitman Cnty Public Works - Carothers Road Solid Waste Fac - Carothors Road - Waste Transfer Bldg & Site (New/Improv) (XEW28)

Hi Alisa,

Thanks for the submittal. However, for this project we are not reviewing or preapproving materials and products. They are as specified in accordance with the Instructions to Bidders. Or-equal items will be considered after the Effective Date of the Agreement.

Best regards,

Bret

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**From:** Alisa Hartsfield [<mailto:ahartsfield@aptsurge.com>]  
**Sent:** Wednesday, February 26, 2014 9:08 AM  
**To:** Wilkinson, Bret/BOI  
**Subject:** Whitman Cnty Public Works - Carothers Road Solid Waste Fac - Carothors Road - Waste

Transfer Bldg & Site (New/Improvs) (XEW28)

Good Morning Mr. Wilkinson,

Please review the attached prior approval package for the surge protective devices on the Whitman Cnty Public Works - Carothers Road Solid Waste Fac - Carothers Road - Waste Transfer Bldg & Site (New/Improvs) (XEW28) project. Please let me know if you have any questions or require additional information. Thank you.

Best regards,  
Alisa Hartsfield  
Siemens SPD Support

**Siemens SPD Sales & Tech Support**

Ph: 888.333.3545, ext 228

Fax: 727.373.0207

mail to: [ahartsfield@aptsurge.com](mailto:ahartsfield@aptsurge.com)

[www.usa.siemens.com/spd](http://www.usa.siemens.com/spd)

Learn more about our new UL 1449 3rd Edition TPS3 Surge Protective Devices (SPDs) by clicking the Step 2000 - Basics of Surge Protection [www.usa.siemens.com/step](http://www.usa.siemens.com/step) link.

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For more information please visit <http://www.symanteccloud.com>

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**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [lawrence@northwestfencecompany.com](mailto:lawrence@northwestfencecompany.com)  
**Cc:** [Mark Storey](#)  
**Subject:** Re: Whitman County - Carothers Road Solid Waste Facility  
**Date:** Thursday, March 06, 2014 6:29:42 AM

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Mr. Phelps-  
There are no chain link fences scheduled for this project.

Travis Pyle, P.E.  
CH2M HILL

Sent by mobile device

On Mar 5, 2014, at 3:30 PM, "Lawrence Phelps"  
<[lawrence@northwestfencecompany.com](mailto:lawrence@northwestfencecompany.com)> wrote:

Travis,

I am reviewing the plans for the above mentioned project and am unable to locate the fence. Can you please point me in the right direction?

Thank you,

*Lawrence Phelps*

[Lawrence@NorthwestFenceCompany.com](mailto:Lawrence@NorthwestFenceCompany.com)

[www.NorthwestFenceCompany.com](http://www.NorthwestFenceCompany.com)

14909 E. Sprague Ave  
Spokane Valley, WA 99216  
(509) 928-8084 Office  
(509) 926-9931 Fax

<image001.jpg> <[image002.gif](#)> <[image003.jpg](#)>

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [DPearman@metallic.com](mailto:DPearman@metallic.com)  
**Cc:** [Mark Storey](#)  
**Subject:** Re: Carothers Road Solid Waste Facility  
**Date:** Thursday, March 06, 2014 5:16:02 PM

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Mr. Pearman-

Thank you for your interest in the subject project. We are not considering substitutions and 'or-equals' during bidding. It is the general contractors decision and risk to use an alternate material or product in their bid if they so choose to do so until it can be reviewed and approved during the contracted work, if awarded the project and if it meets or exceeds the specification.

Travis Pyle  
CH2M HILL

Sent by mobile device

On Mar 6, 2014, at 5:40 PM, "Dennis Pearman" <[DPearman@metallic.com](mailto:DPearman@metallic.com)> wrote:

Travis ,  
Are you allowing metal building manufacturers to be substituted in ?

Metallic Building Company is part of the NCI Buildings Group that also owns Star , and the Robertson Ceco Co.  
[www.metallic.com](http://www.metallic.com)

Thank You,

Dennis Pearman  
District Sales Manager  
Metallic Building Co.  
503-504-6397 C / F 832-590-1036  
3537 Summit Pointe Ct Forest Grove, OR 97116

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [westmarkcs@comcast.net](mailto:westmarkcs@comcast.net)  
**Cc:** [Mark Storey](#)  
**Subject:** Re: Whitman County - Carothers Road Solid Waste Facility  
**Date:** Thursday, March 06, 2014 6:26:35 PM

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Mr. Mark-

Thank you for your interest in the subject project. We are not considering substitutions and 'or-equals' during bidding. It is the general contractors decision and risk to use an alternate material or product in their bid if they so choose to do so until it can be reviewed and approved during the contracted work, if awarded the project and if it meets or exceeds the specification.

Travis Pyle  
CH2M HILL  
Sent by mobile device

> On Mar 6, 2014, at 3:02 PM, "Intermountain NWS - WestMarkCS" <[westmarkcs@comcast.net](mailto:westmarkcs@comcast.net)> wrote:  
>  
> Dear Mr. Pyle,  
>  
> We would like to submit a substitution request to provide an alternate manufacturer for the pre-engineered metal building. Attached, please find a copy of our completed CSI's substitution request form requesting Nucor Building Systems as an alternate manufacturer.  
>  
> In addition, you may visit Nucor's website at [NucorBuildingSystems.com](http://NucorBuildingSystems.com) for additional information or contract James Van Eyk, the district sales manager for Nucor at 509-998-0925. If you have any questions, please feel free to contact me or James Van Eyk.  
>  
> Thank you very much and have a great day!  
>  
> Sincerely,  
>  
> Fred Mark,  
> Senior Project Manager/General Partner  
>  
> Intermountain NW Structures, LLC  
> 13709 E 29th Avenue  
> Spokane Valley, WA 99216  
> Ph: 509.893.2262  
> Fax: 509.891.7641  
> Email: [westmarkcs@comcast.net](mailto:westmarkcs@comcast.net)<<mailto:westmarkcs@comcast.net>>  
>  
>  
> <CSI Substitution Request Form - Whitman County - Carothers Road Solid Waste Facility 03-06-2014.pdf>  
> <NBS Building Systems Brochure.pdf>  
> <NBS Credentials.pdf>  
> <Current IAS Certification thru 04-29-2014.pdf>  
> <CFR Brochure.pdf>  
> <Product Testing - Rating Credentials.pdf>  
> <Nucor Standard Colors.pdf>

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [bobj@intermountainelectric.net](mailto:bobj@intermountainelectric.net)  
**Cc:** [Bret.Wilkinson@CH2M.com](mailto:Bret.Wilkinson@CH2M.com); [Mark Storey](#); [Dave Nails](#)  
**Subject:** RE: Carothers Rd. Project Inquiry - CH2M HILL REPLY (XEW28)  
**Date:** Monday, March 10, 2014 10:42:07 AM

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*Mr. Johnson-*

*Please see our responses below to your questions/comments. Thank you.*

**Travis A. Pyle, P.E.\***  
*Senior Technologist*

**CH2M HILL**

322 E. Front Street; Suite 200  
Boise, Idaho 83702  
Direct 208.383.6259  
Fax 208.472.4753  
Mobile 208.761.6773  
[www.ch2mhill.com](http://www.ch2mhill.com)

*\*Civil Engineer - Registered in Idaho, Montana, and Washington*

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**From:** Bob Johnson [<mailto:bobj@intermountainelectric.net>]  
**Sent:** Friday, March 7, 2014 11:42 AM  
**To:** '[travis.pyles@ch2m.com](mailto:travis.pyles@ch2m.com)'  
**Subject:** Coruthres Rd. Project Inquiry

Hello Travis; As per our phone conversation today, I have the following questions.

1. According to Detail 7 of plan sheet WTB-EE-04; the directive as shown will create a  
Parallel path to ground. The grounding electrode system is started with the connection  
of the building steel rebar located within the footing. ALL of that steel along with  
the corresponding metallic materials within the subgrade are attached to the neutral  
as the noted grounding electrode. The neutral is then bonded to the enclosure of the service  
enclosure(s) (with approved strap / screw) for metallic bonding of all metallic equipment.  
The drawing indicates attaching to the same rebar that is directed to the service. (Note 5)  
Notes 1 & 2 attach equipment to the ground bar that is already attached to the service electrode.  
In order to provide an isolated equipment ground within the premises, the ground rod(s) as noted  
must be isolated from the rebar system. Please clarify this issue as to the acceptance by the NEC  
and the Washington State Electrical Code.

*CH2M HILL Reply: Article 250 of the NEC governs in this matter. Delete Note 1. The intent of the ground bus shown in the detail is to provide a convenient and observable*

*connection point for the building-service grounding electrode conductor to the building grounding electrode (the building steel and other electrodes). It also serves as the connection point for grounding electrodes conductor(s) from any separately-derived systems to the building grounding electrode. It is not to be used to connect equipment-grounding conductors or grounded-circuit (neutral) conductors. This would violate NEC Article 250. This CHANGE will be included in an addendum.*

2. According to Spec. 26 05 02 [1.03 A.] the contractor will provide all service requests and pay all utility fees and costs associated for electrical service. Upon contacting Avista representative Gayle Larson; she informed me that she needs time to get information with regard to the primary installation intended direction and to the extent of the conduit system meeting the requirements regarding size and number of bends (less than 270 degrees.)and derived as to the length. (Approx. 470' per drawing) She informed me that she will attempt to have a cost quote by Thursday, March 13<sup>th</sup>; however that will depend upon her getting the information from her field supervisor. At this time; would it not be in the interests of all parties of concern, to have the County pay directly the costs associated with the installation, transformer and associated costs for service from Avista ? We will need to know what size conduit Avista will require along with it's directives concerning the project's design for installation. It all has to be accepted by Avista.

*CH2M HILL Reply: It is our understanding that Avista has not priced out the cost yet for the service and connection fees. That said, the Owner will pay for these fees. Costs for trenching, backfill, conduit, handholes, transformer pad, and the like as typical shall be included in the Contractor's bid. This CHANGE for Owner payment of the Avista service and connection fees will be included in an addendum.*

3. Please provide information as to the temporary service location, and is Avista going to charge for that service also ? Will they allow attachment to the existing transformer to the existing building ? If yes, please provide direction for installation requirement.

*CH2M HILL Reply: The Engineer does not detail temporary power requirements for the construction Contractor. Since that work is temporary, and needed to complete construction, the Contractor needs to determine the best method of obtaining it from the utility as well as what power they need.*

Thank you for your time and attention to these matters.  
Sincerely; Bob Johnson / Washington State Master Electrician

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [troy@wellensfarwell.com](mailto:troy@wellensfarwell.com)  
**Cc:** [Mark Storey](#); [Dave Nails](#)  
**Subject:** CH2M HILL Response to Wellens Farwell Questions - Whitman County Project  
**Date:** Monday, March 10, 2014 2:19:25 PM

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Mr. Farwell-

Please find below my responses to your questions/comments:

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**From:** Troy Farwell [mailto:[troy@wellensfarwell.com](mailto:troy@wellensfarwell.com)]  
**Sent:** Monday, March 10, 2014 2:59 PM  
**To:** Pyle, Travis/BOI  
**Subject:** RE: Notice to Plan Holders - Whitman County Carothers Road Project (Contract No. XEW28) Addendum #1

Travis,

Thank you for sending this to us. I have a few questions:

- Is there a Buy America clause? <No>
- Can the steel structural components of the steel building be hot dip galvanized instead of painted? <No substitutions and 'or-equals' will be considered at this time.>
- Just a heads up, snow guards are always an issue when it comes to roofing warranty. <Noted>
- I believe that you mentioned something about fire suppression holding tanks. Is there a fire suppression system? <There are no fire sprinklers in the building. The Owner (County) will be installing below-ground water storage vaults for the facility and will not be plumbed to the building.>
- Were you able to push the bid opening time to later in the day on the 17<sup>th</sup>? <No>

Thanks,

Troy L. Farwell  
Wellens Farwell Inc.  
(541) 426 – 4071

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**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com) [mailto:[Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)]  
**Sent:** Monday, March 10, 2014 1:43 PM  
**To:** [troy@wellensfarwell.com](mailto:troy@wellensfarwell.com); [myrnadover@lewiston.com](mailto:myrnadover@lewiston.com); [korie@clearwaterconstruction.com](mailto:korie@clearwaterconstruction.com); [dan@halmebuilders.com](mailto:dan@halmebuilders.com); [germeroffice1@yahoo.com](mailto:germeroffice1@yahoo.com); [marvina@mlalbright.com](mailto:marvina@mlalbright.com); [markj@westway.cc](mailto:markj@westway.cc); [travis@knoxconcrete.net](mailto:travis@knoxconcrete.net); [Vonda@poeasphalt.com](mailto:Vonda@poeasphalt.com)  
**Cc:** [Mark.Storey@co.whitman.wa.us](mailto:Mark.Storey@co.whitman.wa.us); [Dave.Nails@co.whitman.wa.us](mailto:Dave.Nails@co.whitman.wa.us)  
**Subject:** Notice to Plan Holders - Whitman County Carothers Road Project (Contract No. XEW28) Addendum #1

Plan Holders-

Addendum #1 will be posted on the County's website today and is also attached for your quick reference and convenience. Please remember today is the last day to submit questions to me. Thank you.

**Travis A. Pyle, P.E.\***  
*Senior Technologist*

**CH2M HILL**

322 E. Front Street; Suite 200

Boise, Idaho 83702

Direct 208.383.6259

Fax 208.472.4753

Mobile 208.761.6773

[www.ch2mhill.com](http://www.ch2mhill.com)

*\*Civil Engineer - Registered in Idaho, Montana, and Washington*

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [korie@clearwaterconstruction.us](mailto:korie@clearwaterconstruction.us)  
**Cc:** [Mark Storey](#); [Dave Nails](#); [Shinji.Goto@CH2M.com](mailto:Shinji.Goto@CH2M.com)  
**Subject:** FW: Carothers Rd Transfer station - CH2M HILL REPLY TO BIDDER QUESTION  
**Date:** Tuesday, March 11, 2014 8:46:21 AM

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Mr. Palmer-

Please see our response below. I will be responding to your first email shortly.

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**From:** Korie Palmer [<mailto:korie@clearwaterconstruction.us>]  
**Sent:** Monday, March 10, 2014 4:32 PM  
**To:** Pyle, Travis/BOI  
**Subject:** Carothers Rd Transfer station  
**Importance:** High

Travis,

One more question/concern we have is on WTB-AS-16 Detail A & B they show the foundation/footing for the building and push wall, and on WTB-AS-17 Detail A they show the reinforcing for the push walls. And Note states Hook into bottom slab reinforcing. The push wall is not on the slab it's on the pilaster and there is no bottom reinforcing mat to tie into? Can you please verify how the push wall is to installed, i.e. how the bar is to tie into what bld element?

<CH2M HILL Reply: Detail A & B on WTB-AS-16 shows the push wall on the foundation. The push wall vertical reinforcing should tie into the bottom mat of the foundation.>

Please let me know if this does not make since.

Thank you,

Korie Palmer  
Clearwater Construction & Management  
Office: 509-363-0414  
Fax: 509-363-0415  
Cell: 509-710-3981

**Valley Electric Co., Inc.**  
**Job # XEW-28**

**Request For Information**  
**RFI # 001**

**To:** Travis Pyle

**Date:** 3/11/2014

**From:** Aaron Stouder

**Customer RFI #:**

**Drawing Detail Number:** WTB-EE-01

**Spec. Section:**      **Page:**

**Title of Request:** Clarification

**Facility:**

**Request:**

**Cost Impact: TBD**

Plans Sheet WTB-EE-01 denote conduit and wire ([P40]) going from owner-supplied Knuckle Boom Crane to MSP. Circuits 8, 10, and 12 are listed as connections used for this wiring. This does not appear to correspond to the circuit designations shown on the MSP Panel Schedule (WTB-EE-06), as circuit 8 is a spare, 10 is for the generator, and 12 is not listed.

The One-Line Diagram on sheet WTB-EE-03 shows feeder conduit/wire designated as [P46] going from the MSP to the owner-supplied crane.

Please advise/clarify if one line diagram is correct and/or if there is additional wiring going from the MSP to the crane.

Thank you.

Response Required By:

By:

Date:

**Recommendation:**

**Cost Impact:**

Response Required By:

By:

Date:

**Response:**

**Cost Impact:**

Change in scope which may affect Contract Cost or Time to be followed by:

Supplemental instructions not affecting Contract Cost or Time

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

This form cannot modify Contract Cost or Time. If the initiator disagrees with the response or believes the response creates a change in scope affecting Cost or Time, the initiator shall respond in writing in accordance with the contract.

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [aarons@velectric.com](mailto:aarons@velectric.com)  
**Cc:** [Mark Storey](#); [Dave Nails](#); [Bret.Wilkinson@CH2M.com](mailto:Bret.Wilkinson@CH2M.com)  
**Subject:** FW: Carothers Rd project - RFI / Clarification Request - CH2M HILL REPLY  
**Date:** Tuesday, March 11, 2014 12:34:16 PM  
**Attachments:** [RFI-001.pdf](#)

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Mr. Stouder-

The circuit number, conduit and wire designation shown on Drawing WTB-EE-01 is incorrect. The One-Line Diagram on Drawing WTB-EE-03 is correct, as is the MSP Panel Schedule shown on Drawing WTB-EE-06. The knuckleboom crane is to be fed from a 3-pole, 150-amp, 480-volt circuit breaker in position 4 of Panel MSP. The conduit and wire designated as [P46] in the One-Line Diagram is correct. Please bid the information shown in the One-Line Diagram. Thank you.

**Travis A. Pyle, P.E.\***  
*Senior Technologist*

**CH2M HILL**

322 E. Front Street; Suite 200  
Boise, Idaho 83702  
Direct 208.383.6259  
Fax 208.472.4753  
Mobile 208.761.6773

[www.ch2mhill.com](http://www.ch2mhill.com)

*\*Civil Engineer - Registered in Idaho, Montana, and Washington*

---

**From:** [aarons@velectric.com](mailto:aarons@velectric.com) [mailto:[aarons@velectric.com](mailto:aarons@velectric.com)]  
**Sent:** Tuesday, March 11, 2014 11:38 AM  
**To:** Pyle, Travis/BOI  
**Subject:** Carothers Rd project - RFI / Clarification Request

Hi Travis,

I looked through the addendum no.1 that was recently posted online and could not find anything addressing my question.

I would like to send this email over to you for review by your electrical engineer. I apologize for not sending this yesterday, my guy that went to the walkthrough didn't mention the revised RFI cutoff deadline.

Please let me know if you have any questions/concerns on this attachment.

Thanks,

*Aaron Stouder*  
*Estimator – Valley Electric*  
*425-322-7435 – direct*  
[AaronS@Velectric.com](mailto:AaronS@Velectric.com)

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [swtinn@yahoo.com](mailto:swtinn@yahoo.com)  
**Cc:** [Mark Storey](#); [Dave Nails](#); [Bret.Wilkinson@CH2M.com](mailto:Bret.Wilkinson@CH2M.com)  
**Subject:** Re: Carothers Rd. Solid Waste  
**Date:** Tuesday, March 11, 2014 5:03:26 PM

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Mr. Tinnell-

Thank you for your inquiry. We are not considering substitutions and 'or-equals' during bidding.

Travis Pyle  
CH2M HILL

Sent by mobile device

On Mar 11, 2014, at 5:27 PM, "Steve Tinnell" <[swtinn@yahoo.com](mailto:swtinn@yahoo.com)> wrote:

Good Afternoon Travis,

My name is Steve Tinnell and I am with Neppel Electric. I was at the pre-bid and I have a question regarding the light pole standards. Can we use precast that meet specs and detail 5 on sheet 29? Thanks.

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [korie@clearwaterconstruction.us](mailto:korie@clearwaterconstruction.us)  
**Cc:** [Mark Storey](#); [Dave Nails](#)  
**Subject:** RE: Carothers Rd transfer station  
**Date:** Wednesday, March 12, 2014 9:16:12 AM

---

Korie-

Please see my responses below:

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**From:** Korie Palmer [mailto:korie@clearwaterconstruction.us]  
**Sent:** Monday, March 10, 2014 4:17 PM  
**To:** Pyle, Travis/BOI  
**Subject:** Carothers Rd transfer station  
**Importance:** High

Travis,

If it's not too late I would like to ask the following questions regarding the bid on Monday the 17<sup>th</sup>.

- On the strata drawings they show Jersey barriers above the Redi rock wall but the plans per a note call out double stack eco blocks. Can you please verify which is required?

[Keyed Note 1 on Drawing YRD-CE-05 \(Sheet 22 of 64 is correct\) – one row of double stacked eco-blocks](#)

- Can you please verify that the push walls are to be 1' thick? In the referenced detail they scale out at 2'.

[The push walls are 1' thick.](#)

- The specification requires soliciting DBE participation with evidence of compliance included in bid package. Is there a DBE goal? Is it mandatory? What exactly should be included in the bidder's packet in regards to this?

[The specs require that the Contractor actively solicit bids from minority business in accordance with RCW 35.22.650. There is no established goal.](#)

- Specification supplementary conditions 5.06.A.2.a state's property insurance should include \$5,000,000. Our insurance company needs to know what this is actually covering, more detail is requested.

[The County currently has in excess of \\$5,000,000 of improvements at the property already, and this is to cover those areas where there are existing facilities and operations.](#)

Thank you,

Korie Palmer  
Clearwater Construction & Management  
Office: 509-363-0414  
Fax: 509-363-0415  
Cell: 509-710-3981

**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)  
**To:** [korie@clearwaterconstruction.us](mailto:korie@clearwaterconstruction.us)  
**Cc:** [Mark Storey](#); [Dave Nails](#); [Shinji.Goto@CH2M.com](mailto:Shinji.Goto@CH2M.com)  
**Subject:** RE: Carothers Rd Transfer station  
**Date:** Wednesday, March 12, 2014 11:28:17 AM

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Ms. Palmer-

No floor hardener is scheduled.

**Travis A. Pyle, P.E.\***  
*Senior Technologist*

**CH2M HILL**

322 E. Front Street; Suite 200  
Boise, Idaho 83702  
Direct 208.383.6259  
Fax 208.472.4753  
Mobile 208.761.6773  
[www.ch2mhill.com](http://www.ch2mhill.com)

*\*Civil Engineer - Registered in Idaho, Montana, and Washington*

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**From:** Korie Palmer [mailto:korie@clearwaterconstruction.us]  
**Sent:** Wednesday, March 12, 2014 12:09 PM  
**To:** Pyle, Travis/BOI  
**Subject:** RE: Carothers Rd Transfer station

Travis,

We just wanted to make sure there was no floor hardener required in the tipping slab or elsewhere. We see you called out a sealer is that all that is required on the slab finish?

Thank you,

Korie Palmer

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**From:** [Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com) [mailto:[Travis.Pyle@CH2M.com](mailto:Travis.Pyle@CH2M.com)]  
**Sent:** Wednesday, March 12, 2014 10:58 AM  
**To:** [korie@clearwaterconstruction.us](mailto:korie@clearwaterconstruction.us)  
**Subject:** RE: Carothers Rd Transfer station

Hi, Korie. I received your VM message. Please send me an email with your question(s) and I will see what I can do to answer them for you.

-travis

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**From:** Korie Palmer [mailto:korie@clearwaterconstruction.us]  
**Sent:** Monday, March 10, 2014 4:32 PM  
**To:** Pyle, Travis/BOI  
**Subject:** Carothers Rd Transfer station  
**Importance:** High

Travis,

One more question/concern we have is on WTB-AS-16 Detail A & B they show the

foundation/footing for the building and push wall, and on WTB-AS-17 Detail A they show the reinforcing for the push walls. And Note states Hook into bottom slab reinforcing. The push wall is not on the slab it's on the pilaster and there is no bottom reinforcing mat to tie into? Can you please verify how the push wall is to installed, i.e. how the bar is to tie into what bld element?

Please let me know if this does not make since.

Thank you,

Korie Palmer  
Clearwater Construction & Management  
Office: 509-363-0414  
Fax: 509-363-0415  
Cell: 509-710-3981