

Port of Tacoma Invitation to Bid # 69350
Addendum #5

Date 10/02/15

The following is additional information regarding **ITB-69350** titled **Special Trackwork** released on 9/9/2015. The due date and time for responses is **updated to 10/13/2015 @ 2:00PM PST**. This addendum includes both questions from prospective bidders and the Port's answers, and revisions to the ITB. This addendum is hereby made part of the ITB and therefore, the information contained herein shall be taken into consideration when preparing and submitting a bid.

Item #	Date Received	Date Answered	Vendor's Question	Port's Answer	ITB Revisions
1	9/10/2015	9/14/2015	Is there a buy American Requirement? In Part 2 of Division 34 section 34 11 23 A states: "Turnouts and crossovers shall be new domestic 115RE as shown in the Drawings. Manganese inserts on frogs and switch points are excluded from the domestic only requirement. "	There is not a Buy American contract requirement.	Part 2 of Division 34 section 34 11 23 A is revised to read: Rail and frog castings shall be new, fabricated in the United States or Canada. Rail shall be 115RE and 136RE as shown on the Drawings. There is not a Buy American contract requirement.
2	9/14/15	9/14/15			ITB 69350 page 3 of 16 table of delivery dates is updated see the attached revised schedule.
3	9/14/15	9/14/15			ITB 69350 Attachment A- Offer Sheet is revised see attached offer sheet.
4	9/14/15	9/15/15	1. SECTION 34 11 23 – SPECIAL TRACKWORK 2.01 TURNOUTS AND CROSSOVERS K. Switch point guards shall be installed on all switches. Switch point guards shall be boltless adjustable switch point guard Model U69 as manufactured by A&K Railroad Materials, or approved equal. Switch point guards shall be furnished with appropriate	Voestalpine (formerly Nortrak) 33C1 Vanguard boltless is an approved equal.	

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			switch plates and mounting hardware. Is the NORTRAK "switch point protector" an approved equal?		
5	9/14/15	9/15/15	<p>On drawing R11 it show a vertex to PS distance of 4", yet the table labeled "switch data" lists a vertex distance of 7 4/16". Also the "thickness at point" is listed as zero, yet AREMA detail 6100 requires about 1/8" thickness."</p> <p>Do you want Samson points (detail 5100) per current AREMA recommendations? Or the old not recommended point detail 6100?</p>	<p>Dimensions are based on Up/BNSF Common Standards No. 341000 and 341100. The distance from the vertex to the point of switch shall be 4". The thickness at point shall be 1/8".</p> <p>Switch points shall conform to detail 6100.</p>	
6	9/15/15	9/16/15	<p>For the double crossing, Drawing R12 does not call for insulated joints. This is unusual because it appears that the crossing is used in mainline territory. Please confirm this. We cannot find any specs for the insulated joints used in the turnouts, but we are assume they will be bonded 6-hole joints with stubs rails.</p> <p>Please confirm</p>	<p>Insulated joint bars for the double diamond crossing are not included in the current contract and will be provided by the installation contractor.</p> <p>Insulated joints shall be bonded 6-hole joints.</p>	
7	9/15/15	9/16/15	<p>The specs and drawing R12 call for "reversible" design, and they also call for AREMA 757-02. The end and center frog castings designed per AREMA 757-02 are not reversible. The R12 drawing does not show them reversible either. Please advise what crossing design you require.</p>		<p>Delete the word "reversible" from drawing R12 and paragraphs A & D of Part 2 of Division 34 section 34 11 23 2.02.</p>

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8	9/15/15	9/16/15	We have supplied turnouts to the Port of Tacoma previously that generally conform to the BN/UP common standard. The Specifications as written do not conform to the BN/UP common standard, nor do they conform to the latest AREMA standards. While we understand there are situations where neither of those specifications are required, Would it be acceptable to supply turnouts that generally conform to the BN/UP common standard? (Generally per attached drawing A10-33057 attached)? Please advise	Supply turnouts per ITB documents.	
9	9/15/15	9/17/15	We would like to request a bid date extension of 2 weeks please in order to get this bid estimated properly.		The Bid Due Date is revised to: 10/13/2015 @ 2PM PST
10	10/1/15	10/2/15	It appears that you want all switch rods and gage plates insulated even on the non-insulated turnouts. Is this correct?	Correct.	
11	10/1/15	10/2/15	R11 bill of materials lists a gage plate on tie 9, but also lists a riser slide plate on tie 9. The drawing appears to show slide plates. Which do you want on tie 9?	Supply the adjustable brace gage plate on Tie 9.	Delete Tie 9 from the location column of the Riser Slide Plate in the Standard Bill of Materials on Sheet R11. Revise plate quantity accordingly.
12	10/1/15	10/2/15	The table of switch ties on R13 does not agree with the drawing in several places. For example tie 50 is show as 23' in the table and as 14' on the drawing. Tie 51 is 15' on the drawing and 23' in the table. Ties 55-58 are listed as 23' in the table and 24' on the	See Note 1 on Sheet R13 for relationship between the drawing and Table 1. See Note 4 on Sheet R13 for clarification of tie data for ties not otherwise labeled on drawing.	

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			drawings. Ties 59 through 67 and 10A through 44 are not listed in the table, nor are the ties from the turnout not shown entirely on the drawing. Please clarify.		
13	10/1/15	10/2/15	Is the bidder to supply all rails shown on the drawings? For example, on R11, the bill of material lists only one closure rail and one turnout rail and then says "115 Rail A/R".	Bidder is to supply all rails, the precise length of the rails will be determined by the bidder and indicated in the shop drawing submittal	
14	10/1/15	10/2/15	We assume that the only rail that needs to be pre-curved in the shop is the bent and curved closure rail. Is this correct?	Correct.	
15	10/1/15	10/2/15	The turnouts are to have bolted joints, but the drawing appears to have extended switch points. Are the switch points to be extended? What length are they extended to?	Switch point rails shall be 35'-10".	
16	10/1/15	10/2/15	If bidder is to supply all rails, I assume the length of the rails can be determined by the bidder and this will be part of the shop drawing submittal. Or do you have specific lengths in mind?	Bidder is to supply all rails, the precise length of the rails will be determined by the bidder and indicated in the shop drawing submittal	
17	10/1/15	10/2/15	Will necessary joint bars with fasteners be supplied outside of this contract? (Don't see them on the bill of materials.)	Provide joint bars per 2.01.I & 2.02.A of Part 2 of Division 34 section 34 11 23 2.02. All other joint bars to be provided outside of current contract.	

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18	10/1/15		Hardwood ties longer than 17' may be impossible to obtain. Will you accept Doug Fir ties for ties longer than 17'? Will you accept Doug Fir for all of the ties?	Supply ties per ITB documents.	
19	10/1/15		Do you want manganese tips on both switch points?	Yes.	
20	10/1/15				Revise Note #3 on Sheet R13 to read: "FOR TURNOUT DATA AND NOTES SEE SHEET R11."