From: Reynolds, Steve [ReynoldsS@pbworld.com]

06 March 2008 07:25 Sent:

Damian Sharp To:

Chandler, Jason; Atkins, Chris; Dolan, Alan Cc:

FW: Track Section - tie Employers Requirements v3.1 Subject:

Attachments: Proposed revisions (25 Jan 08) to Track Alignment Criteria V2.doc

High Importance:

Damian

As discussed late yesterday I will call this morning - I should be able to do so around 1030 - to review the tie proposals for issuance of instructions re alignment to PB. This email from Matthew needs to be considered, clearly, in the wording of any instructions concerned with Employer's Requirements.

On the subject of alignment with the BBS Offer my view remains that until we have a definite offer from BBS re civils. notably Roads and the method of integration of the Trackform, it is going to be difficult to agree a position on what design changes would be required to achieve alignment. I firmly believe that more effort needs to be applied by tie to complete the clarification of BBS's proposals. As I suggested at our meeting yesterday the level of detail debate on fundamental components of the BBS proposal and the obvious absence of an agreed way forward gave me cause for concern. The alarm bells on tender clarification were sounding as long ago as late October last year immediately after declaration of BBS as the Preferred Bidder and many of the topics on yesterday's agenda should have been addressed much earlier. This is also of concern re programme definition since either of the two available options -SDS Changing the Design and BBS agreeing to build the SDS Design - may incur significant time requirements.

I look forward to discussing these topics later

Regards - Steve

From: Matthew Crosse [mailto:Matthew.Crosse@tie.ltd.uk]

Sent: 05 March 2008 15:32

To: Chandler, Jason

Cc: Reynolds, Steve; Ennion, Bruce; Dolan, Alan; Damian Sharp; Andy Steel - TSS; Roger Jones - Transdev; Steven

Subject: RE: Track Section - tie Employers Requirements v3.1

Importance: High

Jason

As per my previous mail, we need to close out this Section 26 of the ERs ASAP - the last remaining Section.

As you suggest, we can easily make the ERs consistent with TAC v2, but your attached note (with track changes) and recent discussions suggests that we need to go further. Also, unless we do it, the new ER's to TAC v2 will still not be consistent with your current emerging design. Another complication noted is that the text at the top of your document is qualifiied with the following:

Proposed revisions to the Track Alignment Criteria (ULE90130-SW-SPN-00001 V2) are highlighted below as 'tracked changes' (additions in pale green text; deletions in the right hand margin). NB: IMPORTANT: THESE REVISIONS HAVE NOT BEEN CHECKED.

This begs three questions:

- When to the changes get checked/ agreed and signed off?
- If your design is based on an issued TAC other than v2, if so which one?
- How should the ERs change to remain to remain consistent with SDS design, CAF vehicle DKE?
- What should we be saying to BBS and CAF when the ERs change? (i.e it is all no impact stuff)?

Please can we discuss soonest?

Matthew

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From: Chandler, Jason [mailto:ChandlerJ@pbworld.com]

Sent: 30 January 2008 18:18

To: Matthew Crosse

Cc: Reynolds, Steve; Ennion, Bruce; Dolan, Alan

Subject: Track Section - tie Employers Requirements v3.1

Importance: High

Matthew,

We have reviewed the track section of the Ers v 3.1.

The main issue that we have identified is that the ER update is based upon V<u>1</u> of the SDS issue of the Track Alignment Criteria document which was superseded 21 Feb 200<u>7</u>. This has resulted in numerous misalignments between the SDS design criteria and the Ers v 3.1.

Rather than list the differences between V1 and V2, which essentially are the discrepancies between the Employer's Reqts and the currently issued TAC, it would seem more appropriate to suggest that the Ers be amended to reflect V2 of the SDS Track Alignment Criteria.

In respect of the proposed re-publication of the TAC, this is subject to further develoment in respect of aligning it with SDS's clear understanding of the vehicle to ensure compatibility of the TramCo vehicle with the alignment design. SDS are preparing a further update of the track alignment criteria report and ideally we would prefer the content of this to be incorporated into the Ers, realising however that the ER document is needed to be issued before the revised TAC will be published, we have tried to assist you by producing an extract version with 'tracked changes' indicating the proposed revisions to the TAC V2, and attach a copy of the same below.

<< Proposed revisions (25 Jan 08) to Track Alignment Criteria V2.doc>> I hope that this is of assistance and if you require any further clarification please let me know.

Regards

Jason

SDS Project Manager Edinburgh Tram

PB

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