From: Geoff Gilbert

Sent: 11 September 2006 12:32

To: Damian Sharp (Damian.Sharp@transportscotland.gsi.gov.uk)

Cc: John Pantony - TSS

Subject: RE: EDINBURGH TRAM NETWORK - MUDFA ESTIMATE

Importance: High

Damien

Could you let Ken have your agreement to this or otherwise. He will not start the MUDFA estimate until he gets the go ahead from TS and this is now threatening our estimate programme. Appreciate that you are very busy but if you confirm back to me I will forward on to Ken and resolve the position with him.

Regards

Geoff Gilbert - Project Commercial Director TRAM Project

tie limited Verity House 19 Haymarket Yards Edinburgh EH12 5BH

tel 0'

From: Geoff Gilbert

Sent: 05 September 2006 12:06

To: Damian Sharp (Damian.Sharp@transportscotland.gsi.gov.uk)

Cc: John Pantony - TSS

Subject: FW: EDINBURGH TRAM NETWORK - MUDFA ESTIMATE

Damien

Not sure why Ken is raising this now, in my view it is part of his original proposal. If I am to get the value I need out of CSL I need them to provide an estimate for Utilities including MUDFA. Could you either respond to me that you are happy for them to deliver this work to TRAM or confirm to Ken copying me.

Regards

Geoff Gilbert - Project Commercial Director TRAM Project

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tel 01 mob

From: DAVIS, Ken [mailto:ken.davis@cyrilsweett.com]

Sent: 05 September 2006 11:33 **To:** John Pantony - TSS; Geoff Gilbert

Subject: RE: EDINBURGH TRAM NETWORK - MUDFA ESTIMATE

John/Geoff

Many thanks for the information recently sent.

Mudfa

I have referred the requirement for the Mudfa cost plan exercise to Damian Sharp to ensure he is ok with us undertaking it, as TS are paying the fees. (Following our discussions when we met, it did not appear an independent cost plan for Mudfa would add much value when Tie has now secured a competitive tender from the market place??) I will let you know their decision as soon as I hear from them and then advise timescales for completion.

Infraco

Following an in-house review on progress, we do not expect the cost plan to be completed until the end of next week. I know this is not what you wanted to hear - but even after increasing the number of staff working on it to eight (not practical to add anymore) this is the best we can achieve. There are some 800 drawings, circa 50 spec-type documents and nearly 1,000 BQ pages to price and this is inevitably very time-consuming. We will obviously keep progress under review and seek any opportunities we can to improve on this timescale.

We have 3 BQ comments/queries which are set out below:

1. Sections S6 & S9

The quantities of reinforcement in sections S6 & S9 are included at 1tonne per m3. Assumed this is an error - we have included the reinforcement at 100kg/m3 unless otherwise informed.

2. Structures 1 - S5 - Raveston Dykes Bridge

The removal/replacement of the parapet appears to be twice as long as the other items measured - is this correct?

The drawing shows a new (proposed) concrete carriageway but it is not measured in the bill - is this correct? It is measured elsewhere e.g. S8. If it needs to be measured what is the length?

The 4 No. 150dia ducts are shown on the drawing but not included in the bill whereas in other sections, e.g. S8, both the ducts and the concrete infill are - is this correct?

3. S8 Queensferry Road Bridge

The reinforcement @ 115.2t appears to be incorrect for 123m3 of concrete $(252m2 \times 0.25 + 216m2 \times 0.15 + 28m3 = 123.4m3)$? We have assumed 11.52t for pricing the document unless informed otherwise.

Regards

Ken.

----Original Message-----

From: John Pantony - TSS [mailto:John.Pantony@tie.ltd.uk]

Sent: 01 September 2006 14:24 **To:** ken.davis@cyrilsweett.com

Cc: Geoff Gilbert

Subject: EDINBURGH TRAM NETWORK - MUDFA ESTIMATE

Ken

Further to our discussions yesterday, we require you to carry out the full re-measure and estimate for the MUDFA element of the Tram Project as originally planned.

During yesterdays discussions you stated that you could produce the required information in four weeks, therefore we confirm that the MUDFA element of the "bottom up" estimate exercise (per our original instruction) should be made available 29th September 2006.

All other information is to be provided in accordance with our original instruction and programme.

Regards

John Pantony Area Manager

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