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**From:** Anthony Rush [rush\_aj@  
**Sent:** 22 June 2010 20:35  
**To:** Dennis Murray; Jim Molyneux; Stewart McGarrity; William Mowatt  
**Cc:** Richard Jeffrey; Steven Bell; J Blair Anderson  
**Subject:** Cost Analysis

As agreed today we will prepare a cost analysis for both completing the whole of the Infraco Works.

#### **Base Cost**

For off-street works (Airport – Haymarket) the civil engineering works should be based on bulk quantities.

The Depot will be based on Bar's sub-contract price.

E&M works will be based on the price make-up already in our possession and David Crawley should be asked to verify it.

For on-street works the costs for civil engineering works will be based on the quantity take-off from drawings. The track work will assume capping and sub-base to depths determined by reference to DMRB (no other ground improvement measures).

The track will be Rheda City with textured concrete infill.

E&M works will be based on the price make-up already in our possession and David Crawley should be asked to verify it.

#### **Site-overheads**

Will be analysed as non-recurring and recurring

#### **Head-office overheads and profit**

Will be charged at 5% on Base cost plus site overheads.

#### **Adjustments**

Itemised Elements for adjustment will be detailed and costed.

Potential risk adjustments will be itemised and costed.

#### **Presentation**

Stewart McGarrity and Bill Mowatt will devise the pro-forma report which will include the above plus comment on lost value engineering opportunities and costs recoverable from BSC.

Payment to date and due to be certified will be itemised

#### **Termination recovery**

Potential recovery under clause 90 will be assessed

The above will ignore any feedback we may get from Project Carlisle – the intention being that it will form a comparison with any GMP or in the absence of a GMP form the base to inform on cost to complete. The on-street analysis will be used alongside the GMP.

The exercise should take 4 weeks, but next Tuesday we will meet at 11 am to review progress and a pro-forma prepared by Stewart and Bill.

Tony

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