

From: Mark Hamill
Sent: 20 May 2009 17:58
To: Hazel Kennedy
Subject: Risk Section - P2 09.10

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Please see below. Give me a call if you or Frank need anything changed. Thanks.

Infraco Risk Update

Risk reviews were carried out in the period with the PMs for Network Rail, Signalling, Communication and Control, Princes Street works, Roads and Drainage, Invasive Species, Murrayfield Pitch Relocation, Structures and the Depot. All treatment plans were reviewed and updated accordingly. The risks below are those high-level risks identified by the Infraco Director as currently facing the Infraco team. The risk relating to a commercial dispute has now occurred and is being managed by tie management.

Discipline	Risk description			
	Risk Number	Cause	Risk Event	Effect
General	80	Lack of agreement over design changes between Nov 07 and May 08	Commercial dispute prevents progress of critical works	Delay to programme, extension of time claim. Additional costs.
General	79		Failure of SDS/CUS to supply 'as built' drawings to tie	Rework on existing designs. Delay to programme, additional costs
General	48	Utilities do not finish diversion works prior to Tramworks commencing work	Tramworks are unable to commence work or work is delayed/disrupted (ARM ID 1076)	Delay and disruption claims from BSC.
General	49	Lack of visibility of design changes between November 2007 and May 2008 and in general	Tramworks price based on a design which may have been altered. Unclear who authorised design changes from 25/11/07 onwards.. (ARM ID 1077)	Additional cost from Tramworks to meet revised design.
General	101	Contractor is building 'at risk' with agreed control measures	Agreed control measures are not being applied by contractor with regard to checks being made on the design	Delay to programme, dispute between tie and contractor
General	102		Behaviour of BSC commercial management resulting in unreasonable estimates being submitted	Programme delay while disputes over estimates are resolved

Items 101 and 102 were added in the period by the Infraco Construction Director.

Work has progressed between the tie Project Risk Manager and Siemens' commercial team as tie continue to ensure BSC meet their requirements with regards to risk management as set out in the Employers Requirements. An agreement has been reached with BSC on the format of the Infraco Risk Register and the dates which the register will be submitted.

There has been one drawdown on the Infraco project risk allocation. The value of the drawdown is £22,851 and is for the excavation of soft, unsuitable material at Gogarburn Bridge and the A8 underpass.

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