

Record of Meeting

Preferred Bidder Technical/Due Diligence/VE Meeting

Structures

30/10/07

Attendees :

- Alan Dolan - Parsons Brickerhoff
- Jason Chandler - Parsons Brickerhoff
- Colin Walker - Halcrow
- David Simmonds - Halcrow
- Damian Sharp - tie
- David Crawley - tie
- Lindsay Murphy - tie
- Richard Walker - tie
- David Taylor - BBS
- Ralf Honeck - BBS
- Scott McFadzen - BBS

Chair : James McEwan

		Who	When
1	Introduction		
	<p>J McEwan introduced the meeting stating that a saving of £9m is required on the structures budget. Estimate £17, BBS – £31.5m</p> <p>All means to be used to achieve this</p> <p>BBS stated that BBS was willing to discuss scope change however were not willing to break down rates as Lump sum relates to other elements of project.</p> <p>Outline of Planning process discussions with stakeholders through design development</p> <p>8 weeks informal consultation</p> <p>8 weeks formal consultation</p>	ALL	Dec 07

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		Who	When
	<p>Halcrow raised concern over sound impact of Steel Structure. BBS suggested that this could be mitigated with sound insulation. Design includes top mat which aids stray current collection. Held with capped dowels. Tico mat or similar could mitigate.</p> <p>Waterproofing – is this really required track will not be gritted so reduced Salt corrosion risk. BBS to provide estimated saving</p> <p>Roll up of 2 possessions 1 each way erection expect less possessions to be positive suggestion to Network rail.</p> <p>2 Span suggestion BBS to provide suggested price</p> <p>Reduction of walkways to 600 clearance to permanent obstruction BBS to price</p> <p>Ducting 6 each way with 1 spare + 1 additional requested.</p> <p>Halcrow stated that designer would not be willing to accept CDM implications of change to walkways. tie to discuss with PB</p> <p>All designs available in Autocad for BBS to develop. SDS to provide uncontrolled copies</p>	BBS	
	<p><u>Russell Road Bridge</u> Contiguous piles suggested rather than sheet as a reduction in temporary work. Anchors would not be required in present design. Secant piles stop water run off from network rail run off</p> <p>Confirmed that Russell Road can shut during construction. Note BT ducting in west footpath. BBs to provide costed proposal</p>	BBS	
	<u>Victoria Dock Bridge</u> - No alteration to structure expected		
	<u>Tower Place</u> - extension for Single footway		

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	<p>Roseburn Viaduct – PB design in Birmingham Being CAT 3 checked prior approval next 2-3 weeks Suggestion steel over 2 spans would give 32% saving Is there an option for weathered steel? To be discussed at further meeting in Birmingham</p>	<p>LM/SD S /BBS</p>	
	<p>A8 Underpass – PB design in Birmingham In detailed design awaiting utilities investigation (BT bank of ducts) Suggestions reduce width Reduce headroom and fit rail Buildability and piling configuration To be discussed at further meeting in Birmingham</p>	<p>LM /SDS /BBS</p>	
	<p>Depot Access - PB design in Birmingham Suggestion had been for simplified structure. Redesign of Depot is simplified 2 bridges To be discussed at further meeting in Birmingham</p>		
	<p>Water of Leith - PB design in Birmingham Utilities constraint – gas main which it is expected will be diverted as part of flood prevention scheme. LM provide option report upon which CEC decided on present configuration JMc E to investigate cost impact of Flood prevention to Tram and raise at weekly meeting with CEC. SDS to provide scope To be discussed at further meeting in Birmingham</p>	<p>LM JMcE SDS</p>	
	<p>Haymarket Viaduct Complete - 5 span structure Stairs to be demolished and reinstated Spans to be utilised for Utility Access, Crewe relief, Sub-station</p>		
	<p><u>Meeting with PB designers following week</u> Discuss</p> <ul style="list-style-type: none"> • Roseburn Viaduct • Water of Leith Bridge • Balgreen Road Bridge 		

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		Who	When
	<ul style="list-style-type: none"> A8 Underpass Depot Access bridge(s) SDS to prepare schedule of suggested changes and BBS to provide outline valuation.	SDS/B BS	
7.	Next Full Meeting - 13th November 10.00a.m.		

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