

# Record of Meeting

## Preferred Bidder Technical/Due Diligence/VE Meeting

### Structures

22/11/07

**Attendees:** Alan Dolan – SDS  
 Eric Smith - tie  
 Lindsay Murphy – tie  
 David Taylor – BBS  
 Ralf Honeck – BBS

**Chair:** Matthew Crosse - tie

|     |   | Who            | When   |
|-----|---|----------------|--------|
| 1   | <b>Introduction</b>   |                |        |
|     | Schedule pricing would not be complete until tomorrow 23rd. Agreed to discuss strategy and update as required tomorrow.<br>Noted: that Jim McE would be updated separately by phone.  | LM             | 23 Nov |
| 2.  | <b>Previous minutes</b><br>Accepted as read.  |                |        |
| 3.  | <b>BBS general progress</b><br>Working on 80/20 rule – priorities are big 4 opportunities: <ul style="list-style-type: none"> <li>▪ Estimated savings to be received on 23<sup>rd</sup> November</li> <li>▪ tie stressed important for BBS to price savings through deletion of walkways. tie to take ROGs view on a case by case basis.</li> </ul> All other savings in schedule also to be pursued and updated.   | BBS<br><br>BBS | 29 Nov |
| 3.1 | <b>Roseburn Street Bridge</b><br><br>In the main, big savings through a radical change ie. embankment instead of viaduct, one access underpass to fuel tanks, one span Russell Road crossing; now considered unlikely because of unacceptability to SRU and practical issues.<br>No covert feedback on SRU H&S issues yet. And unable to go directly to SRU management team today because of current stage of SRU agreement. First Scotrail contacted and may consider the required |                |        |

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|            | <p>alternatives for their fuel depot if presented with an outline design.</p> <p>Actions: First get position on H&amp;S.<br/>If answer positive, BBS to prepare sketch to take with tie to First Scotrail.</p> <p>Some smaller changes discussed: included change E pier to columns; 2 vs 3 beams; and position of splices. Unlikely to yield much because of redesign costs.</p> <p>Action: SDS and BBS discuss if smaller changes are viable and advise.</p>  | <p>LM<br/>DT</p> <p>AD/DT</p> | <p>Asap<br/>After</p> <p>29 Nov</p> |
| <b>3.2</b> | <p><b>Edinburgh Park</b></p> <p>Five options reviewed. The three most radical involved 7 span down to 2. Use of ladders beams/ multi beam approach, steelwork, and reductions through false work would produce further savings. BBS to price best and worst cases. Noted that other benefits would be run time and environmental.</p> <p>LM outlined tie's initial discussions with NEL and sensitivities of the different approaches. If taken forward, would need to produce high level design focussed (c.f. price focussed) approach. LM to coordinate.</p> | <p>DT</p> <p>LM</p>           | <p>23 Nov</p>                       |
| <b>3.3</b> | <p><b>Water of Leith</b></p> <p>Three options reviewed which variously produce savings through reduction to one span, reduced temporary works (cofferdam) and use of steel.</p> <p>TQ issued relating to Gas pipe position, position, type and exclusion zone. SDS/tie to advise asap because it affects all design options.</p>  | <p>LM/AD</p>                  | <p>asap</p>                         |
| <b>3.4</b> | <p><b>A8 Underpass</b></p> <p>Reductions through turning wingwalls through 90 degrees away from A8. Also walkway reduction. Action AD to provide drgs next week on BT trunk/ducts to enable firmer pricing.</p>   | <p>AD</p>                     | <p>30 Nov</p>                       |
| <b>3.5</b> | <p><b>Possessions savings</b></p> <p>BBS suggested savings were possible through better use of possessions. Action BBS to review and advise</p>   | <p>DT</p>                     | <p>29 Nov</p>                       |
| <b>3.6</b> | <p><b>Carrick Knowle</b></p> <p>BBS asked about the design programme status. AD to advise asap.</p>   | <p>AD</p>                     | <p>asap</p>                         |
| <b>4.0</b> | <p><b>BoQ comparisons</b></p>   |                               |                                     |

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|     | <p>Agreed to conclude BoQ comparison between SDS prices 2006 (DFBC) and BBS bid price. Noted that some variations would be justified because of differences in design status. BBS to use to inform any price reductions due in December. Rates review not be considered.</p> <p>Action: LM to review with D Carnegie asap<br/> <b>tie</b> to review with AD.<br/> <b>tie</b> to pass over and discuss with BBS</p>   | <p>LM<br/> LM/AD<br/> LM/DT/RH</p> | <p>Asap<br/> 26 Nov<br/> 27 Nov</p> |
| 5.0 | <p><b>Pricing Process</b></p> <p>BBS requested clarification. <b>tie</b> stated that all new prices would be consolidated into bid during early December in order to confirm the £498m project budget to council on 20th December. Includes:</p> <ul style="list-style-type: none"> <li>▪ Provisional quantity prices:<br/> ES Schedule presented with various dates based on 10 day turn around for firm prices to be submitted from BBS to <b>tie</b> on items where quantities were provisional.<br/> Confirmatory response awaited on dates awaited from BBS</li> <li>▪ VE price reduction<br/> Across the entire project, these would follow conclusion of all technical discussions and need to be owned and included in any BBS repricing.</li> </ul>   | <p>DT</p>                          | <p>asap</p>                         |
| 6.0 | <p><b>Information overload</b></p> <p>In respect of the data room, BBS expressed concern about:</p> <ul style="list-style-type: none"> <li>▪ the poor organisation of the data</li> <li>▪ the information is difficult to locate</li> <li>▪ the information has not been issued in controlled manner</li> <li>▪ many instances where information has not been tagged correctly</li> <li>▪ there is not a complete list of information that should be in the data room - as a result cannot ascertain if information being used by BBS is complete</li> <li>▪ information cannot be easily managed such that it can be distributed.</li> </ul> <p>BBS also stated that they received uncontrolled pricing or measurement information that in many cases does not match the information contained in the data room.</p> <p><b>tie</b> advised:</p> |                                    |                                     |

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|    | <ul style="list-style-type: none"> <li>▪ Data/drgs etc for pricing throughout bid process has been submitted directly to BBS in controlled manner through procurement, this includes recent submissions for provisional qtys pricing.</li> <li>▪ Info in data room is tagged so that status and provenance is ensured.</li> </ul> <p>Recent CD submitted with SDS latest work in progress including structures, alignment plans and MX models should be sufficient to enable firm pricing. This was provided because full access to Hummingbird could not be granted. tie to ensure CD contents goes in data room and is contained in a separate folder.</p> <p><b>Post meeting note</b></p> <p>BBS received a CD on the 23/11/07 that was to contain all the SDS work in progress that would enable BBS produce a firm price. There are some new documents contained on the CD however most are all ready on the data room, for example we do not have detail ed info for structures S21E S22 S23 S24 S25 S26 S28 S29</p> | LM  |      |
| 7. | <b>Next Meeting - 29 November 2007 10.30.m. (provisional)</b>  |     |      |

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