

DRAFT

tie Limited

Edinburgh TRAM Project

Paper to : Tram DPD Sub Committee

Subject : Advance Works Strategy

Date : 16th January 2007

1.0 Background

- 1.1 The current headline programme for construction of Phase 1a is:
- Contract award in early October 2007 with commencement of construction in mid October.
 - Completion of construction July 2010
 - Commencement of revenue service December 2010
- 1.2 From discussions with bidders during the bid process it is evident that they believe this to be an extremely challenging programme.
- 1.3 Therefore, it will be necessary to implement measures to assist the successful Infraco contractor in achieving tie's programme and achieve delivery into revenue service by December 2010.

2.0 Advanced Infraco and Tramco Works

- 2.1 The measures proposed are to plan for undertaking certain specified Infraco and Tramco preparatory activities and physical works in advance of the award of contracts to Infraco and Tramco in October 2007. The activities proposed are to:
- Put in place mobilisation agreements with Tramco & Infraco to allow them to:
 - ✓ Make limited procurement commitments for specified programme critical sub contract and supply work. For example to place orders for materials with long lead times required for works early in the programme e.g. steel work for bridges
 - ✓ Prepare detailed working drawing for construction works and production design for the tram vehicle.
 - ✓ Mobilise Infraco and Tramco contractor's project management teams.
 - ✓ Set up site offices and production compounds and other activities to prepare for construction.
 - Undertake certain works scheduled early on in the construction programme in advance of contract award, namely the depot excavation and construction of piled walls at depot adjacent to A8. This would be undertaken by specialist contractor's procured separately from, but in consultation with, the recommended Infraco contractor.

3.0 Benefits

- 3.1 There are a number of benefits in following this strategy as follows:

DRAFT

tie Limited

Edinburgh TRAM Project

- Undertaking works at the depot in advance reduces the Infraco contractor's construction duration by an estimated 10 weeks as shown in the diagram below.

DIAGRAM TO BE ADDED

- Enabling Infraco to maintain commencement of physical construction works immediately after contract award.
- Enabling Tramco to achieve delivery dates for the tram vehicle.
- Reduction in programme risk generally.

4.0 Schedule of Activities

4.1 To validate and further develop this plan the following activities are scheduled:

- Obtain clarifications from bidders on the activities necessary to be undertaken in advance which are necessary to secure the tie programme : end of Jan 07
- Agree principles of strategy with Infraco and Tramco bidders : end of Jan 07
- Prepare detailed programme of the activities necessary to deliver the strategy : end Jan 07
- Prepare draft mobilisation agreements and agree them with Infraco and Tramco bidders : end Feb 07
- Undertake market consultation, planning & procurement activities for depot works : Feb – June 07
- Award contracts to specialist contractors and suppliers for works at Depot : July 07
- Commence works at Depot : end July 07
- Place mobilisation agreements with Infraco & Tramco : Aug 07

5.0 Transport Scotland and CEC Liaison

5.1 It is understood that it is unlikely that Transport Scotland and CEC will be able to allow the Project to commit to physical works at this stage. Therefore subject to agreement of this strategy it is proposed that the Project is authorised to commence planning and procurement for Infraco and Tramco Advance Works now. Once the final contract deals are concluded with Infraco and Tramco in mid July the Project will seek separate authority to:-

- Award of mobilisation agreements to Infraco and Tramco
- Award contracts to specialist contractors and suppliers for advance works at the Depot

These 'hold points' in the process will provide both CEC and TS with control to ensure that any commitments made are within the overall project affordability and programme envelope at a point in time when it should be clear that there is minimal risk in awarding such agreements.

6.0 Budget

DRAFT

tie Limited

Edinburgh TRAM Project

6.1 The current budget for financial year 06/07 and the forecast for spend up to the award of contracts to Infraco and Tramco in October 07 include allowances for undertaking the planning and preparatory works and the Advance Infraco and Tramco Works.

7.0 Consultation

7.1 The following have been consulted in the preparation of this paper:-

- Transport Scotland – John Ramsey/Lorna Davis
- CEC – Andrew Holmes

8.0 Recommendation

8.1 The Board is requested to approve the recommendations made in this paper and authorises the Project to undertake the activities listed above up to but excluding the award of mobilisation agreements and contracts to specialist contractors and suppliers.

Proposed Geoff Gilbert Date:- 10/01/07
Project Commercial Director

Recommended Matthew Crosse Date:-
10/01/07 Project Director

Approved Date:-
David Mackay on behalf of the Tram Project Board