

SUBJECT TO CONTRACT

**THIS DOCUMENT DOES NOT OFFER
TO CREATE ANY CONTRACTUAL
RELATIONS (WHETHER
EXPRESS OR IMPLIED)**

**GUARANTEED MAXIMUM PRICE
SCOPE OF WORKS**

1. The Guaranteed Maximum Price ("**GMP**") is based on the following:
 - 1.1 The Infraco carrying out and completing the GMP Scope of Works (as defined below), to the approved, assured, integrated and compliant design, represented by the IFC Drawings and in accordance with the Infraco Contract and the Employer's Requirements (both as amended).
 - 1.2 For the purposes of the GMP Scope of Works, "**IFC Drawings**" shall mean the existing set of fully approved, assured, integrated and compliant IFC Drawings in accordance with the Infraco Contract and all other IFC Drawings which are capable of being fully approved, assured, integrated and compliant in accordance with the Infraco Contract and which the Infraco is obliged to deliver and use when carrying out and completing the GMP Scope of Works.
 - 1.3 Insofar as the IFC Drawings do not fully detail the scope of the Infraco Works (other than that which may be expressly instructed in writing by **tie** after [*insert date of agreement of the GMP*]) the GMP Scope of Works will be deemed to have included for all non-detailed or missing works or related services and deliverables.
 - 1.4 In the event that the IFC Drawings contain any ambiguity or discrepancy, the GMP will be deemed to have included for correcting or removing any such ambiguity or discrepancy.
 - 1.5 The GMP Scope of Works shall include all Infraco Works required and arising from any actual or potential Permitted Variation, **tie** Change or Infraco Notice **tie** Change issued by **tie** or the Infraco as at the date of this **tie** Change Order.
 - 1.6 Other than changes expressly instructed by **tie**, the costs of designing, carrying out, testing and commissioning the GMP Scope of Works shall be at the sole risk of the Infraco.
 - 1.7 Unless the context requires otherwise, the definitions and rules in respect of interpretation contained in Schedule Part 1 (*Definitions and Interpretation*) of the Infraco Contract apply to this GMP Scope of Works.

GMP SCOPE OF WORKS

It is agreed, without qualification, that the GMP is to include for all Infraco Works and Deliverables in respect of the following scope of works ("**GMP Scope of Works**"):

The GMP Scope of Works shall comprise: all those Infraco Works necessary to deliver, as a fully functional commissioned tram system open for a public revenue generating public service and achieving the requisite run times in accordance with the Employer's Requirements and the Infraco Contract (both as amended), all those elements of the Edinburgh Tram Network set out below:

1. **PART A: WAVERLEY BRIDGE TO AIRPORT** (including Enabling Works)
 - 1.1 All Infraco Works for the following sections from Waverley Bridge (chainage 121380) to Edinburgh Airport (chainage 712580):
 - 1.1.1 Waverley Bridge (chainage 121380) to Lothian Road (chainage 130380 and in respect of overhead line, chainage 130663) (including those on-street Infraco Works carried out under the Supplemental Agreement in relation to Princes Street between tie and the Infraco, dated 29 May 2009);
 - 1.1.2 Lothian Road (chainage 130380 and in respect of overhead line, chainage 130663) to Haymarket (chainage 131247 and in respect of overhead line, chainage 131232) (excluding the Omitted Civil Engineering Works described in Appendix A);
 - 1.1.3 Haymarket Corridor (chainages 200000 to 200814 and in respect of overhead line, commences at chainage 131232);
 - 1.1.4 Roseburn Junction to Balgreen (chainages 510000 to 511477);
 - 1.1.5 Balgreen to Edinburgh Park Central (chainages 520000 to 524555);
 - 1.1.6 Edinburgh Park Central to Gogar (chainages 530000 to 531898);
 - 1.1.7 Gogar Depot;
 - 1.1.8 Gogar to Edinburgh Airport (chainages 710000 to 712580).
 - 1.2 All enabling works as follows and as shown in the sketches included in Appendix B:
 - 1.2.1 from Newhaven Tramstop (at chainage 100000) to Retaining Wall 1A (at chainage 100170) – fill to bottom of track level;
 - 1.2.2 Lindsay Road Retaining Walls 1A, 1B, 1C and 1D (at chainages 1A 100170 - 100400; 1B 100230 - 100270; 1C 100390 - 100415; and 1D 100470 - 100490) – approved, assured, integrated and compliant design and construction;
 - 1.2.3 Lindsay Road Link Road to Ocean Drive (chainage 100350 to chainage 100800) – removal of retaining wall and footpath, removal of trees and ground preparation, placing of earthworks fill and re-grading of profile;
 - 1.2.4 Lindsay Road (chainages 0 to 550) – lowering works; and
 - 1.2.5 Tower Place Bridge (at chainage 101430 - 101510) – works to be completed, including the track and the final roadway.
 - 1.3 The completed, approved, assured, integrated and compliant Design for the Edinburgh Tram Network Phases 1a and 1b, to include certification thereof by each Infraco Member, the SDS Provider and any Infraco Party or SDS Provider Party involved in the production or development of Design or the Infraco's Design.
2. **PART B: ON-STREET WORKS FROM WAVERLEY BRIDGE TO NEWHAVEN**
 - 2.1 All Infraco Works, excluding the Omitted Civil Engineering Works (described in Appendix A), for the following sections between Systems Points from Waverley Bridge (chainage 121380) to Newhaven (chainage 100,000):

- 2.1.1 Waverley Bridge (chainage 121380) to St Andrew's Square (chainage 121150 and in respect of overhead line, chainage 120804 (temporary works may be required));
 - 2.1.2 St Andrew's Square (chainage 121150 and in respect of overhead line, chainage 120804) to York Place (chainage 120850 (Elder Street) or 120600 (Picardy Place) and in respect of overhead line, chainage 120669);
 - 2.1.3 York Place (chainage 120850 (Elder Street) or 120600 (Picardy Place) and in respect of overhead line, chainage 120669) to Foot of Walk ((chainage 102720, and in respect of overhead line, chainage 102623);
 - 2.1.4 Foot of Walk (chainage 102720 and in respect of overhead line, chainage 102623) to Ocean Terminal (chainage 100800 and in respect of overhead line, chainage 100700); and
 - 2.1.5 Ocean Terminal (chainage 100800, and in respect of overhead line, 100700) to Newhaven (chainage 100,000).
- 2.2 The design, construction and installation of a temporary Systems Point at St Andrew's Square (which shall mean the permanent tramstop and a point facilitating systems control, including necessary crossover and associated control systems, power supply and overhead line infrastructure, and parking for immobile Trams).
- 2.3 In the event that a temporary Systems Point is not established at St Andrew's Square, the sections referred to in paragraphs 2.1.1 and 2.1.2 will form one section from Waverley Bridge to York Place.

APPENDIX A

OMITTED CIVIL ENGINEERING WORKS

Omitted Civil Engineering Works shall comprise:

1. site clearance - removal and temporary storage off site of any street furniture such as bus shelters, bus trackers, CCTV installations, waste bins and decommissioning of telephone boxes and other permanent or temporary fixtures on the street;
2. temporary traffic management: installation, maintenance and demobilisation, including necessary lining and signage works;
3. planing road carriageways to appropriate depths and/or excavating down to design formation level of both carriageway and trackform (including associated spoil treatment, storage, reuse and disposal);
4. taking out kerbs and kerb logs;
5. dealing with any obstructions/soft spots/utilities/voids;
6. constructing track drainage, including connecting into and reinstating as required existing gullies and carriageway drainage;
7. installing cable duct banks;
8. excavating and constructing OLE pole foundations;
9. constructing up to formation of trackform slab in preparation for track installation by the Infracore;
10. civil engineering works to tramstops, up to and including platform level, including all necessary ducting and finishes, but not including tramstop furniture;
11. civil engineering works associated with tramstop equipment and the construction of the sub-station buildings and any associated civil engineering works;
12. re-laying kerbs to required design line and level;
13. reinstating/renewing paving;
14. installing all foundations and ducts for new traffic signalling at junctions/pedestrian crossings;
15. either overlaying wearing course to carriageway or alternatively building up full road construction and required surfacing layers to wearing course; constructing central reservations as required; constructing setted carriageway as required.
16. re-installing street furniture as required, including bus shelters, bus trackers, CCTV installations, waste bins, telephone boxes etc;
17. completing landscaping/street scaping works as required by the Employer's Requirements, Consents and relevant Third Party Agreements; and
18. all associated stakeholder and third party management and liaison functions in relation to these items.

**APPENDIX B
ENABLING WORKS SKETCHES**