

Part 2 Specification

Contract Reference

TPL7221

Contract Title

Torre Station Traffic Signal Upgrade

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A Overall Scope and Nature of the Requirement

- A1.1 Torbay Council intends to appoint a suitably experienced Supplier to decommission an existing traffic signal-controlled junction and supply, install and commission a replacement traffic signal-controlled junction at Torre Station, Torquay.
- A1.2 To be successful, Applicants must demonstrate the technical suitability of their organisation and hardware, as well as providing the optimum solution from a cost perspective.
- A1.3 The junction is currently controlled by a Microsense MTC with a Gemini 2 outstation.
- A1.4 The works involve the replacement of the junction with a new ELV controlled site.

B Mandatory Pass / Fail Requirements

This section sets out the Authority's minimum requirements for this Contract.

- B1.1 The traffic signal controller proposed must conform to TOPAS 2500A.
- B1.2 The proposed detection equipment must conform to TOPAS 2504A, TOPAS 2505A, TOPAS 2506A and TOPAS 2507A.
- B1.3 The proposed tactile equipment must conform to TOPAS 2508B.
- B1.4 The proposed nearside signal and demand units must conform to TOPAS 2511A.
- B1.5 The equipment being proposed by the Applicant is either currently being utilised in Torbay or alternatively the Applicant will provide a set of "Hot Spares" to the Council's maintenance contractor together with appropriate training to the Council and to the Council's maintenance contractor within the Contract period.

B2 Health and Safety

- B2.1 All Provider staff who undertake work on behalf of the Council are required to fully comply with their legal duties under health, safety and welfare legislation while at work to ensure the health and safety of themselves and others that may be affected by their acts or omissions.
- B2.2 In recognition of the legal duties imposed upon them all Providers and those Provider staff undertaking work on behalf of the Council under this Contract will:
 - a) co-operate with the Council's Director Responsible for Health and Safety, Managers, Supervisors, Corporate Health and Safety Department and their own Employer to enable them to comply with their legal duties;
 - b) Comply with ALL requirements of the Council's Health and Safety Policies and other rules and procedures in place;
 - c) Not intentionally or recklessly interfere with or misuse anything provided in the interests of health and safety;
 - d) Actively promote a positive health and safety culture;
 - e) Only undertake work for which they have been trained and are qualified and competent to undertake;
 - f) Where applicable, ensure that risk assessments and method statements relating to their work are presented to the council's authorised officer, prior to commencement of work, if they are not following the Safe System of Work provided by Torbay Council.
- B2.3 The Contractor will be required to comply with all Health and Safety legislation as directed by the civils company that has control of the site.

B3 Invoicing

- B3.1 The Council will make payments to the Provider monthly in arrears.
- B3.2 The Provider must invoice the Council monthly in arrears for work undertaken.
- B3.3 The Provider must make all invoices payable by Torbay Council and must be marked with Torbay Council's name and address, the Provider's name and address and the Council's official purchase order number.
- B3.4 Invoices must be submitted by e-mail to: **invoices@torbay.gov.uk**.
- B3.5 The Provider must provide a consolidated invoicing approach as standard, including for third parties services unless otherwise specified. Any information specific to the invoice and the provision of services, must be attached to the invoice, to enable prompt processing / payment;
- B3.6 All invoices must contain a full breakdown of costs and must match the agreed pricing stated on the final quotation and official purchase order.
- B3.7 The Council's settlement terms are 30 days from the date of an undisputed invoice, or receipt of goods or service, whichever is the later.
- B3.8 Disputed parts of invoices and invoices not bearing purchase order numbers will not be paid and a corrected invoice will be required.
- B3.9 Payment will be by BACS and remittance advices will be transmitted to the Provider by email (the Provider's appropriate email address must be supplied).

C Core Requirements

The works required to be undertaken by the Signals Contractor (unless otherwise stated) as part of the proposal will include the following:

- C1.1 The removal of all existing traffic signal control equipment, including all redundant cabling. It should be noted that it will be the signal contractor's responsibility to ensure draw ropes are installed when removing existing cable from ducts to assist with re-cabling.
- C1.2 Supply, install and commissioning of a New TOPAS 2500A compliant ELV controller - as detailed in Appendix H, and new ELV traffic signals aspects and associated equipment. To include new cable to signal poles and inductive loops as detailed in Appendix D, Appendix E and Appendix F.
- C1.3 Mova/Scoot validation will be undertaken by others and will not form part of this contract.
- C1.4 Replace existing UTC UG405 outstation (to be retained for maintenance of other sites) with a new Siemens Stratos UG405 outstation.
- C1.5 Supply and install a new Westermo BRD-355 ADSL router into the new controller cabinet. Configuration of the router will be carried out by successful signals contractor
- C1.6 Existing Westermo DDW ethernet extender to be retained and re-installed in new controller.
- C1.7 Existing communications cable between adjacent site at Shiphay Lane to be retained and reinstalled into the new controller cabinet. Should the existing cable be too short, then it should be terminated into a communication pillar (installed by Civils Contractor) with a new cable installed between the pillar and the controller cabinet.
- C1.8 Slot cutting works to be carried out in off-peak normal work hours (09:30 to 15:30) under TM. **(Applicants should note that the junction will be under temporary signal control until commissioning, which will be provided by another organisation).**
- C1.9 Details regarding the planned works can be found in Appendices C – I.
- C1.10 All Traffic Management will be carried out by the Civils Contractor, including temporary signals.

D Social Value

D1 Our Commitment

- D1.1 The Council is committed to its responsibilities under The Public Services (Social Value) Act 2012. Therefore the Council is seeking Participants who will add value to the Agreement by providing additional community benefits (above the services described within this specification).

D2 Our Priorities

- D2.1 We are seeking submissions that support our local priorities. Torbay Council's mission is to be a Council that supports, enables and empowers its residents, communities and partnerships.
- D2.2 The Council's ambition and priorities for Torbay and its residents to thrive are outlined in the Community and Corporate Plan 2019 -2023:
<https://www.torbay.gov.uk/council/policies/corporate/corporate-plan/>
- D2.3 We are looking for Applicants to make submissions in relation to Social Value that support the collective delivery of this plan in Torbay. All responses are expected to demonstrate what and how they will contribute to the delivery of this plan in Torbay.