

TORBAY COUNCIL

Part 2 Specification

Contract Reference

TBS3420

Contract Title

**Shiphay Lane/Newton Road
Traffic Signal Upgrade**

Contents

1.	Overall Scope and Nature of the Requirement	Error! Bookmark not defined.
2.	Minimum Requirements.....	Error! Bookmark not defined.
3.	Specific Requirements.....	4
4.	Contract and Performance Review Requirements	5
5.	Health & Safety.....	5
6.	Invoicing	5
7.	Added Value.....	6
8.	Awarding the Contract on Behalf of Other Contracting Authorities.....	6

1. Overall Scope and Nature of the Requirement

- 1.1 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 signalled controlled junction at Shiphay Lane/Newton Road/Old Woods Hill, Torquay.
- 1.2 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.
- 1.3 The junction is currently controlled by a Microsense MTC with a Gemini 2 outstation.
- 1.4 The works involve the replacement of the junction with a new ELV controlled site.

2. Minimum Requirements

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

- 2.1 The traffic signal controller proposed must conform to TOPAS 2500A.
- 2.2 The proposed detection equipment must conform to TOPAS 2504A, TOPAS 2505A, TOPAS 2506A and TOPAS 2507A.
- 2.3 The proposed tactile equipment must conform to TOPAS 2508B.
- 2.4 The proposed nearside signal and demand units must conform to TOPAS 2511A.
- 2.5 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.

3. Specific Requirements

The works required as part of the proposal will include the following:

- 3.1 The removal of all existing traffic signal control equipment, including 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.
- 3.2 Supply, install and commissioning of a New TOPAS 2500A compliant ELV controller - as detailed in Appendix G, 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.
- 3.3 Replace existing Gemini 2 outstation with a new Siemens Stratos UG405 outstation.
- 3.4 Existing Westermo Ethernet to be retained and reinstalled into the new controller cabinet.
- 3.5 Existing communications cables between adjacent sites (two) to be retained and reinstalled into the new controller cabinet.
- 3.6 Existing control cable for the VMS sign to be retained and reinstalled into the new controller cabinet.
- 3.7 Slot cutting works to be carried out in off-peak normal work hours (09:30 to 15:30) under TM (provided by another organisation). The slot cutting in Shiphay Lane will have already been undertaken prior to these works, however re-cabling and jointing of these loops will be required to be undertaken. **(Applicants should note that the junction will be under temporary signal control until commissioning, which will be provided by another organisation).**
- 3.8 Details regarding the planned works can be found in Appendices C – G.

4. Contract and Performance Review Requirements

- 4.1 The Contractor will be required to identify a Contract Manager, provide their contact details to the Authorised Representative of the Council and to ensure that the Contract Manager is available as required throughout the duration of the works.
- 4.2 Before commencing on site the Contract Manager will be required to have an initial Contract meeting with the Authorised Representative of the Council and with the civils contractor to make arrangements for commencement of the works.
- 4.3 During the works the Contract Manager will be required to liaise with the Council as required.
- 4.4 The Authorised Representative of the Council may visit the site as and when required.
- 4.5 Prior to installation of the Controller on site, the upgraded system will be subject to a Factory Acceptance Test (FAT) and will require sign-off by the Authorised Representative of the Council.
- 4.6 The final phase involves a Site Acceptance Test (SAT) before the Council takes over the system.

5. Health & Safety

- 5.1 “10 Steps to Safety” can be found within the Form of Contract Document.
- 5.2 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.

6. Invoicing

- 6.1 The Council will provide the Contractor with a purchase order number. Invoices that do not state the Council’s purchase order number will not be paid.
- 6.2 The Contractor will be expected to provide an invoice at completion of works and the undisputed part of the invoice will be paid within 30 days, subject to any defects being rectified.
- 6.3 Invoices should be sent electronically to Payments Section, Torbay Council, Town Hall, Castle Circus ,Torquay TQ1 3DR
- 6.4 Invoices will be paid by BACS by the Council’s Payments Section.

7. Added Value

7.1 Further Services Offered

Applicants will be expected to suggest as part of its response to the Evaluation Questions any additional products or services that they may be able to offer as part of this Contract or any other added value that their offer might be able to bring to the Council. Applicants are expected to build any such offers into their submissions regardless of whether specific questions are asked along these lines or not.

7.2 Social Value, Sustainability, Environmental Considerations

7.2.1 The Council is seeking a Provider who will add value to the Contract by providing additional community benefits which support the Council's ambitions for a prosperous and healthy Torbay, as identified in the Corporate Plan 2015-19: <http://www.torbay.gov.uk/council/policies/corporate/corporate-plan/>

7.2.2 Applicants should take into account the following key areas in formulating their response:

- (a) Diverse Supply Chains;
- (b) Skills and Employment;
- (c) Inclusion, Mental Health and Well-Being;
- (d) Environmental Sustainability; and
- (e) Safe Supply Chains.

8. Awarding the Contract on Behalf of Other Contracting Authorities

8.1 The Authority is not purchasing on behalf of other contracting authorities.