

**TORBAY COUNCIL**

**3661 Edginswell Bridge, Torquay**  
Contract of Resurfacing and Ancillary Works  
Pre Construction Information Pack

Revision A

Engineering Services  
[www.torbay.gov.uk](http://www.torbay.gov.uk)

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## GENERAL

This Pre-Construction Information contains relevant information, such as background conditions and significant hazards associated with the project, to allow tenderers to plan for project-specific health and safety control measures, allocate adequate resources and cost them accurately.

Tenderers must develop the information from the Pre-Construction Information into a Construction Phase Health and Safety Plan, producing safe systems of work through detailed procedures, method statements, working instructions and proposed programme of works - all relevant to the actual construction activities. No construction activities will commence on site until the Construction Phase Plan has been accepted in writing by the Contract Administrator / Project Manager (after acceptance by the Client of the plans content, with advice from the Principal Designer) as being suitable and sufficient to control and manage hazards on this project.

Tenderers should note that there may be unidentified hazards either on site, in existing structures or which arise during the progress of the works, which will require suitable controls and management procedures.

### 1.0 NATURE OF THE PROJECT

#### 1.1 PROJECT LOCATION

Edginswell Bridge, Torquay

#### 1.2 NATURE OF THE WORKS

The Works shall principally consist of the resurfacing of the bridge deck, the replacement of movement joints, and associated ancillary works

#### 1.3 ENABLING WORKS

Traffic management to facilitate works will be a significant consideration in order that the works may be separated from a busy main carriageway carrying traffic out of Torquay towards Paignton and Newton Abbot.

#### 1.4 TIMESCALE

Exact commencement date to be agreed but proposed to be Autumn 2024; completion proposed end March 2025.

#### 1.5 PROJECT CONTACTS

Client

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## 1.6 HEALTH & SAFETY – GENERAL

The Construction (Design and Management) Regulations 2015, and all other relevant Health and Safety legislation will apply to this contract.

If this plan contains any suggested solutions to specific risks the Principal Contractor is free to choose alternatives provided he can satisfy the client that it will meet Health and Safety requirements.

Tenderers should note that there may be unidentified hazards either on site, in existing structures or which arise during the progress of the works, which will require suitable controls and management procedures.

A Tenderer is not expected to fully develop the Health and Safety Plan until he is appointed as Principal Contractor. He will, however, have to include with his tender return, answers to the following specific questions. This information will be used by the Client to help in his choice of Principal Contractor.

The Management of Health and Safety at Work Regulations 1999 place specific duties upon employers to identify hazards, assess risk and manage health and safety on site. Please advise how your company will fulfil these duties.

Provide a copy of the Health and Safety Policy that you will use together with the management organization and arrangements called for by the Act.

Provide a schematic diagram with named personnel, of the management structure you will use on site to supervise and enforce health and safety at the workplace.

The Construction (Design and Management) Regulations, call for co-operation and co-ordination between client and contractor. How does your company plan to comply with the regulations?

The quoted price must include financial provision to establish and maintain the necessary level of health and safety management throughout the contract. Please confirm that all necessary resources and financial provisions are included in your tender price.

Please supply the name, address and telephone number of the competent health and safety advisor who will act for your company on health and safety matters throughout the contract. What health and safety and other relevant qualifications does he/she hold.

Please submit a copy of your accident statistics for the preceding two years.

Has your firm ever been prosecuted under the Health and Safety at Work Act? Has an HSE Inspector ever issued an Improvement Notice or a Prohibition Notice involving one of your sites, premises or methods of work? If yes, please provide details.

Please provide details of all RIDDOR notifications submitted for the preceding two years. Please submit your proposed programme of works.

Please provide your risk assessment in relation to the 'significant' risks involved in this project.

Please provide a method statement outlining how you propose to control the risks outlined in Section 4, and any other hazards that you believe you might encounter during the Works.

Explain how you will co-ordinate and supervise the work of sub-contractors to ensure that they abide by the Health and Safety at Work Act, relevant regulations, Codes of Practice, and Safe Methods of Work applicable to the contract.

## 2.0 THE EXISTING ENVIRONMENT

### 2.1 GENERAL INFORMATION

The project aspires to reinstate defective surfacing and joints to present risk of impact on supporting structure.

The bridge carries the A380 Hamelin Way, a main road over a main rail line and culvert.

### 2.2 NATURE OF BUSINESS

The A380 is at this location heavily trafficked.

More significant damage to surfacing and joints would present risk of unplanned periods of closure which could impact heavily on private, business and leisure traffic.

### 2.3 SECURITY

All operatives concerned with this project must restrict their movements and activities to the project works areas, site parking and designated storage areas identified in the tender documents/as agreed with the Contract Administrator. The security of the areas and structures opened up for the works referred to in the tender documentation will remain the sole responsibility of the Principal Contractor during the full course of this contract. This bridge is heavily trafficked and passes over a main rail line; tenderers should fully consider robust traffic management, site security and segregation.

### 2.4 ACCESS AND EGRESS

Through traffic must be accommodated as far as possible at all times, except in the case of any necessary full closure of the highway width. In the latter case periods of full carriageway closure will require agreed programming likely to be permitted only during evening/night time periods.

All delivery and removal vehicles shall be given adequate prior warning of the nature of this site's access arrangements

Close liaison and cooperation between the Principal Contractor and neighbouring commercial properties may be required if large vehicles are used to access the site. An acceptable safe system of work for vehicular movements must be developed incorporating the use of at least one banksman as appropriate.

### 2.5 DELIVERIES AND REMOVALS

The delivery and removal of all materials must be completely supervised ensuring that a competent person is available to carry out all necessary duties i.e. watching site entry and egress, and to carry a warning siren / bell which should be clearly audible should there be any possibility

of an accident. The accepted usual site working hours are between 8.00 am and 6.00pm (other times by agreement with the Contract Administrator).

## 2.6 VEHICLE PARKING

On road space will be available for contractor's vehicles by agreement on the nearby A3022 by prior agreement

Care must be exercised to avoid any obstructions, disturbance or nuisance to local passing traffic and residential and commercial interests.

## 2.7 INFLUENCE OF ADJACENT CONDITIONS

Due to the nature of the site being on a highly trafficked public highway, and over a main rail line the Principal Contractor shall ensure that a robust system is in place for the regular checking and reinstatement (with 24 hour back up) of all site segregation if weather or other conditions/activities unintentionally alter, collapse or make them unsafe and expose the site areas to open and unauthorised access by members of the public.

## 2.8 EXISTING HEALTH AND SAFETY FILE

No specific health and safety file is available for this project.

## 2.9 STATUTORY UNDERTAKERS/SERVICES

Except for traffic signal loops existing services are not expected to significantly hinder activities or otherwise require modification.

Nonetheless the Principal Contractor shall undertake his own assessment of existing services and ensure that activities are undertaken with due diligence and indeed with notification to the Project Manager in any instance of potential compromise to services or to the works

## 3.0 AVAILABLE DRAWINGS/SPECIFICATIONS

Contract drawings:

1. Archive drawings 916-745W400 GA and 406 Deck Layout
2. 3661 SD 07A 2 Standard Detail
3. 3167-10-4-15-1120-01 Location Plan
4. 3167-10-4-15-1120-03 Site Plan
5. 3167-10-4-15-1120-04 Work Detail

A Specification document is provided with the Tender pack and should be read in conjunction with the drawings

## 4.0 DESIGN / CONSTRUCTION INFORMATION

TENDERERS SHALL DETAIL HOW THEY INTEND TO CONTROL THE FOLLOWING HAZARD AREAS:

### 4.1 GENERAL CONSIDERATIONS

Construction activities on a site which is immediately adjacent to a heavily trafficked public highway, and which runs above a main rail line require suitable consideration and planning for methods and standards to be maintained.

The site of works is adjacent to open public areas and requires a high standard of public protection and full consideration must be given to the cross-section of the general public who may come to harm. Members of the public, especially children, have a reduced perception and understanding of the hazards and associated risks present on a construction site when compared to an adult. Dangerous aspects of construction activities may be deemed to be an allurements to young persons (e.g. site vehicles, stockpiled building materials, etc.) and site security, safety and warning signage must be rigorously maintained.

Wherever possible, activities which present higher than normal risks to the general public should be undertaken outside of busy periods. It is important to liaise closely with the Contract Administrator throughout the project works, to let them know what the programme of works is and what risks are associated with construction work.

The Principal Contractor, being in control of the project site area including access and egress routes, shall make every reasonably practicable effort to prevent unauthorized access to the site. On site hazards (e.g. access equipment, stockpiles of building materials, etc.) shall also be considered and controlled for the protection of authorized and unauthorized persons.

#### 4.2 ACCESS / EGRESS

Site vehicles, plant and deliveries may unintentionally collide with persons and vehicles accessing/passing this site, and subsequently block the site entrance to other site vehicles and emergency vehicles. Special consideration shall be given to the manoeuvring of large vehicles - delivery and removal vehicles shall approach and enter the site under the strict supervision of the Principal Contractor, employing industry standard safe systems of work for delivery, offloading, removal and exit from the site.

#### 4.3 SAFETY SIGNS, SIGNALS AND LIGHTING

Confusion over access and egress entrances / routes may occur for any person on, adjacent to or passing by the site work areas; the supply and fixing of suitable and sufficient warning signs and signals must be addressed. Suitable highways-industry standard works directional and segregation signage should be fixed in a clear position to identify the site and deter unauthorized access to the site in conjunction with adequate construction-site hazard warning signs. Suitable and sufficient lighting equipment to maintain safe lighting levels in and around the site (both supplementary and emergency), in conjunction with suitable hazard warning lights shall be provided.

#### 4.4 EMERGENCY CONTINGENCIES

Consideration of actions in the event of an emergency; liaison with the Contract Administrator concerning the development, review and updating of the existing emergency evacuation procedures and routes; procedures for contacting emergency services; directing emergency services to point of accident/hazard; temporary emergency exits and routes; the provision of adequate first aid equipment and competent first-aiders.

#### 4.5 SITE SECURITY AND SEGREGATION

Areas of the works and welfare and storage compounds will need to be restricted/segregated from public access during the proposed construction works however the public highway must remain generally open to public access (both pedestrian and vehicular) and as a potential access for emergency vehicle use. The appointed Principal Contractor shall attend a coordination pre-start meeting to explain, coordinate and agree their safe access, egress and site segregation methods and procedures for the agreement of the Contract Administrator. Robust segregation shall be erected and maintained preventing unauthorised access to construction site areas. Unauthorized



persons accessing the site - there is a potential for accidental access, trespass and minor vandalism to any unsecured stores and plant. The segregation and safe storage of any flammable and toxic substances used on this – away from public areas, and a safe distance from all boundaries shall be a priority. The security of the proposed construction works areas will be the sole responsibility of the Principal Contractor during the course of the works.

#### 4.6 WASTE REMOVAL / SKIPS

The safe removal of waste from site, the use of skips – unwanted fly-tipping into skips; loose debris falling from skips and unauthorized persons gaining access to. The safe access and egress from site for all removal vehicle movements. Good on-site housekeeping practice will be required to ensure that all site and adjacent public areas are neat and tidy to reduce the risk of slips, trips and falls by site workers and the general public. Stockpiles of demolished or excavated materials must be controlled and held on site at their minimum levels and removed expediently.

#### 4.7 NOISE, DUST AND OTHER SITE CONTAMINANTS

These are highly significant potential problems which will need to be considered and controlled throughout the duration of the project due to the nature of the site being located at a busy public highway, and over a main rail line. The Principal Contractor shall consider and liaise with the Contract Administrator to avoid undertaking extremely noisy works if they may disrupt neighbouring/nearby properties. The production of excessive levels of noise, waste, dust and other site contaminants should be considered, the use of debris netting, dust suppression equipment, noise attenuation and specific working methods, extra manpower for clean-up procedures on adjacent areas shall be considered. Consideration of the weather conditions and notably strength and direction of wind shall be taken into account when planning works activities to prevent or notably reduce or control the drifting of dust or similar generated by project works activities.

#### 4.8 MANUAL HANDLING

The safe manual handling of heavy objects on this project must be considered in conjunction with the use of appropriate mechanical handling aids when moving awkward and heavy objects weighing in excess of 20 kg.

#### 4.9 WORKING AT HEIGHT/OVER/NEAR RAIL LINE

Some of the proposed works activities on this contract may involve working at an elevated height. The Principal Contractor shall provide adequate and suitable systems to provide a safe and stable working platform for all site workers. Emergency life saving aids shall be maintained at all times on the active site.

#### 4.10 WEATHER CONDITIONS

Edginswell Bridge is situated at an exposed location – the Principal Contractor shall ensure that all activities undertaken in any works area affected by exposure are adequately planned and managed by competent personnel with awareness of working in an exposed environment. Emergency procedures and safety/rescue equipment shall be maintained and provided at all times. The Principal Contractor should fully consider and attempt to avoid the need for lone working on this site.

Competent persons shall assess and monitor the weather conditions during extreme conditions to ensure the safety of site workers.

#### 4.11 HAZARDOUS SUBSTANCES

Breathing in fumes, vapours, dusts; direct contact with skin or eyes; swallowing or eating contaminated material; inadequate identification of all hazardous substances on site. Adequate risk control measures for the safe removal of any hazardous substances during this contract (e.g. solvents). Areas disturbed during the works may be live or contain hazardous materials or substances, existing drainage runs may contain toxic substances requiring purging prior to entry or working on by site workers. Suitable techniques/procedures for preventing hazardous substances drifting across to areas used by the general public must be developed.

#### 4.12 ASBESTOS

Asbestos does not to present a hazard at this site.

#### 5.0 CONSTRUCTION MATERIALS

##### POTENTIAL HAZARDOUS MATERIALS WHICH REQUIRE RISK CONTROLS:

5.1 Sharp edges and swarf arising from steel cutting etc operations

5.2 Surfacing materials and dust arising from their replacement

#### 6.0 SITE-WIDE ELEMENTS

6.1 Site access and egress is off the A380, Torquay.

6.2 Site security is addressed within the tender documentation.

6.3 Materials storage, delivery and unloading areas will be agreed with the Contract Administrator prior to commencement.

6.4 Minimisation of obstruction of public highway, pavements and access paths will be required at all times.

6.5 The potential use of any existing / established power and water supply which may be available within or near to the site works area is addressed within the tender documentation. The Principal Contractor will provide all required welfare.

6.6 Site construction works areas will be segregated, barriered and adequately signed to prevent unauthorized access, while maintaining clearly segregated pedestrian and traffic routes, and public rights of way.

6.7 Welfare facilities are to be provided from the commencement of contract to accommodate the requirements of the maximum number of persons to be employed on the project.

#### 7.0 OVERLAP WITH CLIENT'S UNDERTAKING

7.1 The adjacent public highway will remain in full operational use with open general access for the general public throughout the course of these proposed works.

7.2 Specific provision must be made for the protection of the general public, local residents and all persons visiting and passing this site.

7.3 Restrictions on working hours for the construction works are addressed within the tender documentation.

7.4 Noise levels must be kept to a reasonably low level

## 8.0 SITE RULES

TENDERERS MUST PROVIDE DETAILS OF THEIR OWN SPECIFIC SITE RULES FOR:

- 8.1 Induction procedure
- 8.2 Worker training
- 8.3 Management of sub-contractors
- 8.4 Site security (including all site plant) / parking arrangements
- 8.5 On site permit-to-work / badging / PPE
- 8.6 Working over/adjacent to the main rail line
- 8.7 Levels of noise
- 8.8 Delivery arrangements / vehicles movement / banks persons
- 8.9 First aid arrangements / emergency procedures
- 8.10 Accident / near-miss reporting
- 8.11 Manual handling
- 8.12 Resurfacing
- 8.13 Joint and traffic signal loop installation

## 9.0 CONTINUING LIAISON

CONTINUING LIAISON BETWEEN PARTIES WILL BE MAINTAINED IN A NUMBER OF WAYS:

- 9.1 The Principal Contractor must submit his proposed construction method statement(s) and associated risk assessments to the Contract Administrator and Principal Designer.
- 9.2 The Principal Contractor must submit substantial changes arising from unforeseen eventualities during project execution to the Contract Administrator and Principal Designer for consideration and agreement in sufficient time to allow adequate consultation prior to the execution of the affected works.
- 9.3 The Principal Contractor must submit to the Principal Designer appropriate information for inclusion in the Health and Safety File (notable remaining services and residual risk issues).
- 9.4 The Principal Contractor must provide the Contract Administrator and Principal Designer with copies of records setting out the nature and location of any services which are live or contain any hazardous materials or substances, prior to agreement on a course of action.

## 10.0 SPECIFIC DOCUMENTS TO BE PROVIDED

CONTINUING LIAISON BETWEEN PARTIES WILL BE MAINTAINED IN A NUMBER OF WAYS:

- 10.1 Programme of works.
- 10.2 Risk assessments of the project's significant risks.
- 10.3 Project specific traffic management proposals
- 10.4 Marked-up logistic plan clarifying the site layout including site access/egress routes, identified pedestrian and vehicular routes, site compound indicating likely required footprint extent, lines of segregation, skip locations, etc.

## 11.0 DESIGNERS' RISK ASSESSMENT

Ref	Activity, Hazard and Who May Be Affected	Existing Risk Level	Design input to Eliminate or Reduce Hazards, and Hazards Remaining	Risk Level after Introduction of Controls
1	Removal of existing defective material - risk of injury to operatives and public and risk of pollution.	medium	Removal of defective material (to standard required by spec.) to avoid weakening of the structure. All removal debris is to be contained, collected and disposed of appropriately. Provision to be made to protect the public and workers.	low
2	Exposure to inclement weather causing damage to temporary works & plant during construction activities. Risk of damage to temporary works	medium	Unavoidable consequence of the works. Safely secure all equipment in a sheltered location when not in use.	low
3	Temporary access - risk of falling from height.	medium	Unavoidable consequence of the works. Use safe working platforms, taking account of exposure	low
4	Construction plant using bridge - risk of capacity surcharge causing unstable loading.	medium	Contractor to be mindful of load limit if heavy plant proposed to be utilised.	low
5	Use/installation of cementitious repair materials & plant - risk of injury to operatives & public, & risk of pollution.	medium	Provision to be made to protect the public. All operatives to be fully trained in application of cementitious materials. Material manufacturers' guidance to be followed. Overspray/dust to be contained by netting, wetting down	low
6	Inclement weather causing damage to materials/finishes before curing.	medium	Maximise the time period between installation of materials and potential weather threats.	low
7	Cutting operations – exposure to fumes, electric shock, heat - operatives	medium	Qualified operatives only, working within signed/segregated area.	low
8	Lifting operations - operatives	medium	Lifting within capacity observing published guidance	low