

Part 7 Pricing Schedule – Bill of Quantities

| |
|---|
| Contract Reference TPL1824 |
| Contract Title Re-Tender for Resurfacing and Ancillary Works to Edginswell Railway Bridge, Torquay |
| Procurement Procedure Open |
| Maximum Period of Contract 6 months |
| Return Date Monday 5 August 2024 |
| Return Time 12:00 Noon |
| Return To www.supplyingthesouthwest.org.uk |
| Applicant Name |

PREAMBLE TO THE BILL OF QUANTITIES

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract and Specification.
2. A price or rate shall be inserted against each item in the Bill of Quantities, whether quantities are stated or not. Items against which no price is entered will be considered as covered by the other prices or rates in the Bill.
3. The cost of complying with the Conditions of Contract shall be covered by the rates quoted in the various items in the Bill of Quantities. The prices in the Bill of Quantities shall be the full inclusive cost of the work described and of all general liabilities and obligations set forth or implied in the documents on which the Tender is based including the following unless expressly stated otherwise.
 - a) Labour and all costs in connection therewith.
 - b) The supply of materials, goods, storage and costs in connection therewith including waste and delivery to site.
 - c) All signing and traffic control where access from highway (Chapter 8 of 'Traffic Signs Manual' where highway contact is made).
 - d) Plant and costs in connection therewith.
 - e) Fixing, erecting and installing or placing of materials and goods in position.
 - f) Disposal of waste materials and all costs in connection therewith.
 - g) Temporary works and enabling works.
 - h) The cost of travelling between sites as necessary in the carrying out of works.
 - i) Establishment charges, overheads and profit.
 - j) Establishment charges on completion of the works.
 - k) The effect on the phasing of the works or any element of the works to the extent set forth or reasonably implied in the documents on which the Tender is based.
 - l) General obligations, liabilities and risks involved in the execution of the works set forth or reasonably implied in the documents on which the Tender is based.
 - m) Attendance and transport for sampling and testing carried out by the Engineer Supply results of tests carried out by the Contractor and providing test certificates.
 - n) Complying with Quality Assurance schemes and providing certificates of conformity.
 - o) Awaiting approvals and consents.
 - p) Communication equipment for the Contractor
4. General directions and description of works and materials are not necessarily repeated in the Bill of Quantities and reference shall be made to the Conditions of Contract and to the Specification for this information. For the convenience of the Contractor, certain

Clauses in the Conditions of Contract and the Specification may be referred to in the description column of some of the items in the Bill of Quantities, but where this is not done, the omission of such reference will not relieve the Contractor of any of his obligations under the Contract.

5. The quantities set out in the Bill of Quantities are the estimated quantities of the work and they are not to be taken as the actual quantities of the works to be executed by the Contractor in the fulfilment of his obligations under the Contract. All work will be measured on completion, and only the amount of work executed in accordance with the Contract will be paid for at the rates given in the Bill of Quantities or at rates analogous thereto. All provisional quantities are to be expended if and when directed by the Engineer, or deducted in whole or in part if not required.
6. All measurements will be for actual net measurements of finished work unless otherwise stated and all thicknesses specified are to be finished thicknesses.
7. The information as to the whereabouts of existing services and mains cannot be guaranteed and the Contractor shall not be relieved thereby of his obligations under the Contract. The Contractor shall include in his rates and prices for locating and taking measures for the support and full protection of pipes, cables and other apparatus during the process of the works, obtaining the written consent of all arrangements he makes with the owners of privately owned services or supplies, Statutory Undertakers and Public Authorities as appropriate.
8. The Contractor shall allow in his rates and prices for taking measures to deal with the existing flow of water, sewage and the like.
9. The Contractor shall allow in his rates and prices for complying with any limitations and constraints on the use of the Site.
10. Where the Contractor offers an equivalent product or material in place of the one identified or specified, which is accepted for incorporation into the Works by the Engineer, then the rates and prices in the Schedule of Rates shall be deemed to include for all the obligations. Costs associated with the incorporation of the equivalent into the Works, including design, provision of the data and drawings, certificates, awaiting approvals, re-submissions and modifications and amendments of to the Works.
11. Where the Contract requires part(s) of the Permanent Works to be designed by the Contractor, the rates and prices in the Schedule of Rates shall include for all obligations and costs associated with the incorporation of the Contractor's design into the works, including design, provision of date and drawing, certificates, awaiting proposals, re-submissions and modifications and amendments to the works.
12. Interim additions or deductions on account of the amount, if any, of the Adjustment Item shall be made by instalments in interim certificates in the proportion that the amount referred to bears to the total of the Bill of Quantities before the addition or deduction of the amount of the Adjustment Item.

DAYWORKS

13. Additional work requested by the Engineer under the Conditions of Contract and to be paid for on a Daywork basis shall be paid for at the rates and prices under the conditions contained in the Schedule of Dayworks carried out incidental to Contract Work issued by the 'Civil Engineering Contractors Association' (edition dated July 1998) together with the amendments up to the date of the Tender.
14. The rates for Daywork shall apply to work instructed by the Engineer to be carried out on a daywork basis at any time up to the date of the Defects Correction Certificate.

15. After the date of issue of the Certificate of Substantial Completion the Contractor may be allowed a proportion of his travelling time as determined by the Engineer.
16. The daywork schedule for this Contract is incorporated in Bill No.1 of the Bill of Quantities and enables the Contractor to quote rates and percentage variation for any work which may be ordered, and paid for on a daywork basis.

CONSTRAINTS AND CONDITIONS

17. Bill items must include cost of following:-
 - i) Compliance with all relevant 'Health & Safety' requirements.
 - ii) All enabling and facilitating works, safe access, removal/disposal of debris and spare material and satisfactory reinstatement of any existing fittings/fixings/services/etc. to working order.
 - iii) All mobilisation/demobilisation costs and site/work area security costs (e.g. fencing/barriers/signage/temporary lighting/etc.)
 - iv) Contractor providing his own lighting/power/water/fencing/toilets/phone/accommodation/offices/plant/tools.
 - v) Safe removal from site of all unwanted or defective materials and cleaning/sanding products at the Contractor's expense.
 - vi) Safe disposal of all debris and unwanted material at Contractor's expense.
 - vii) Safe storage of all materials. Where these are paid in advance by the Council these will form the property of the Council and must be safely stored as such. Failure to abide by this will require the Contractor to replace any loss at his expense.
 - viii) Ensure any aspect of the facility's equipment and operational capacity is not further impaired.
 - ix) Work areas to be prior agreed with the Council staff.

SITE RULES ON THE CONTRACT

18. Bill items cost must allow for the following operational constraints:
 - i) Liaison with the Council's staff to minimise disruption to the facility's daily working.
 - ii) Prevention of any falling debris, dirt, paint, liquids, or tools, upon boats, public or staff below.
 - iii) Barriering-off, both beneath and adjacent areas, by using 'Heras' fencing exclusion zones.
 - iv) Keeping site clean and tidy, on a daily basis.
 - v) Working within normal working hours.
 - vi) Providing out-of-hours contact telephone numbers (landline and mobile)
 - vii) Working with Council staff to achieve amicably an adequate standard of work, and avoidance of complaints from the general public.

- viii) Controlling all noise, smell and dust emissions to the Engineer's satisfaction.
- ix) Removing all dirt and debris from site.
- x) Using adequate 'safe access' methods. Safety Certificate copies must be supplied for scaffolding or mobile towers before usage.
- xi) Providing an acceptable start and finish date.
- xii) Using all relevant Health and Safety manufacturer's equipment and clothing.
- xiii) Achieving acceptable standards of workmanship and durability.
- xiv) Maintaining site equipment in working order of condition found, adjacent works.

NATURE OF THE WORKS CONTRACT

- 19. Works in Bills 1 to 2 (inclusive) are on a basis of the exact extent of the work carried out/actually authorised after the quotations are returned.
- 20. This is a 're-measure' (in respect of billed quantities) contracts and proper records must be kept to enable a suitably adjusted final invoice total to be submitted (inclusive of the itemisation and all working), after completion.

BILL NO. 1

GENERAL ITEMS

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|--|------|----------|------|--------|---|
| | | | | | £ | p |
| | <u>GENERAL ITEMS</u> | | | | | |
| | <u>CONTRACTURAL REQUIREMENTS</u> | | | | | |
| 1.1 | Performance Bond | Sum | | | | |
| 1.2 | Insurance of the Works | Sum | | | | |
| 1.3 | Insurance of constructional Plant | Sum | | | | |
| 1.4 | Insurance against damage to persons and property | Sum | | | | |
| 1.5 | Establishment and removal of all necessary canteens, mess rooms, stores, toilets, cabins and offices, etc., for the Contractor | Sum | | | | |
| 1.6 | Provision and removal of all necessary services for the Contractors use | Sum | | | | |
| 1.7 | Provision, maintenance and removal of all necessary security fences and hoardings etc for the Contractors compound and site. | Sum | | | | |
| | <u>TEMPORARY WORKS</u> | | | | | |
| 1.8 | Allowance for Traffic Management and Limited area working, to include TM Design, installation, maintenance, and removals of lane closures, and installation, maintenance, and removals of full closures including diversions | Sum | | | | |
| | Carried Forward | | | | | |

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|--|------|----------|------|--------|---|
| | | | | | £ | p |
| | Brought Forward | | | | | |
| | <u>METHOD RELATED CHARGES</u> | | | | | |
| | The Contractor shall enter below any Method Related Charges as he considers are necessary but above and beyond the allowance made in the specific work items | | | | | |
| 1.9 | Protection of site and safety to the public | Sum | | | | |
| 1.10 | Allow provisional sum for additional safety fencing (Heras) to be used as directed by the Engineer | Nr | 10 | | | |
| 1.11 | Liaison with statutory undertakers | Item | | | | |

| | | | | | |
|--|---|--|--|--|--|
| | <p><u>PROVISIONAL SUMS</u></p> <p><u>DAYWORK SCHEDULE</u></p> <p>This Daywork Schedule is that referred to in Conditions of Contract – Clause 52 (3) and the provisions therein shall apply</p> <p>Where reference is made to Schedules of Dayworks this shall mean the Schedules of Dayworks carried out incidental to Contract work issued by the Civil Engineering Contractors Association</p> <p>The rates for Daywork shall apply to work instructed by the Engineer to be carried out in a daywork basis at any time <u>up to date of the Maintenance Certificate</u></p> <p>The Daywork Schedule for this Contract is incorporated to quote rates and percentage variation for any work which may be ordered to be paid for a daywork basis.</p> | | | | |
| | <p>Carried Forward</p> | | | | |

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|--|------|----------|------|--------|---|
| | | | | | £ | p |
| | <p>Brought Forward</p> <p><u>PROVISIONAL SUMS (Continued)</u></p> <p><u>DAYWORK LABOUR</u></p> <p>The Contractor is required to price and extend the following provisional hours of labour to be applied to any dayworks ordered. The rates shall be fully inclusive</p> <p>The inclusive rates shall allow for percentage addition required and the Notes 1,2 and 4 as specified under LABOUR in the Schedule of Dayworks together with all types of bonus and any other associated labour costs</p> <p>Labour only sub-contractors shall not be paid in accordance with Note 3 as specified under LABOUR in the Schedule of Dayworks. The rates quoted hereunder shall be applied</p> <p>The rates quoted shall remain unchanged for the duration of the Contract</p> | | | | | |
| 1.13 | Craftsman: At inclusive rate of | h | 20 | | | |
| 1.14 | General Operative At inclusive rate of | h | 20 | | | |
| 1.15 | Plant Operator At inclusive rate of | h | 20 | | | |
| 1.16 | Working Ganger or charge hand working with their gangs At inclusive rate of | h | 20 | | | |
| 1.17 | Percentage addition to above rates above 8 required for daywork carried out at overtime rates when specifically ordered by the Engineer | | | | | |
| | a) Time and a half (% Rate only to be inserted | % | - | | | |
| | Carried Forward | | | | | |

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|---|------|----------|------|--------|---|
| | | | | | £ | p |
| | Brought Forward | | | | | |
| | <u>PROVISIONAL SUMS (Continued)</u> | | | | | |
| 1.18 | b) Double time (% Rate only to be inserted) | % | - | | | |
| | For the purposes of comparison of Tenders allow for the following hours to be worked by operatives at inclusive overtime rates: | | | | | |
| | a) General Operatives at inclusive time and a half rate (2) + % at (5a) | h | 10 | | | |
| | b) General Operative at inclusive double time rate (2) + % (5b) | h | 10 | | | |
| 1.19 | <u>DAYWORK MATERIAL</u> | | | | | |
| | Materials used for work carried out on a daywork basis shall be paid upon production of the invoices | | | | | |
| | <u>DAYWORK PLANT</u> | | | | | |
| | All plant and equipment rates shall be as the Federation of Civil Engineering Contractor Schedules subject to the following adjustments:- | | | | | |
| 1.20 | Own Plant + % - % | | | | | |
| 1.21 | Hired Plant + % - % | | | | | |
| | Carried Forward | | | | | |

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|--|------|----------|------|--------|---|
| | | | | | £ | p |
| | <p>Brought Forward</p> <p><u>PRIME COST ITEM</u></p> <p><u>LIAISON WITH OTHERS</u></p> <p>The Contractor is required to enter against the following Liaison Items such sums as are necessary to cover the Contractors full costs, profits etc of Liaison, Co-ordination, Attendance and Delay in connection with any works or requirements of the Statutory Undertakers, Statutory Bodies, Service Companies, delivery companies, etc</p> | | | | | |
| 1.22 | <p>Allow for liaison, co-ordination, attendance and delays in connection with the works as may be caused by vehicular 'constraints' <u>and</u> 'Site rules'</p> | Sum | | | | |
| | Carried Forward | | | | | |

BILL NO. 2

| NUMBER | ITEM DESCRIPTION | UNIT | QUANTITY | RATE | AMOUNT | |
|--------|---|----------------|----------|------|--------|---|
| | | | | | £ | p |
| 2.1 | Remove traffic loops | Item | | | | |
| 2.2 | Planing of existing surfacing | m ² | 750 | | | |
| 2.3 | Apply regulating material | m ² | 100 | | | |
| 2.4 | Apply tack coat | m ² | 750 | | | |
| 2.5 | Apply wearing course | m ² | 750 | | | |
| 2.6 | Remove existing and install replacement joint units to carriageway | m | 22 | | | |
| 2.7 | Remove existing and install replacement sealant to kerbs and footways | m | 8 | | | |
| 2.8 | Reinstate traffic signal loops | Item | | | | |
| 2.9 | Reinstate lining | Item | | | | |
| | Carried Forward | | | | | |

