

SECTION V

SECTION -V
COCHIN PORT AUTHORITY

1. PREAMBLE TO BILL OF QUANTITIES

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1.PREAMBLE TO BILL OF QUANTITIES

1 General Instructions

1.1 General

- 1.1.1 This Bill of Quantities must be read within the Drawings, Conditions of Contract and the Specifications, and the Contractor shall be deemed to have examined the Drawings, Specifications, General Conditions of Contract and to have acquainted himself within the detailed descriptions of the Works to be done, and the way in which they are to be carried out.
- 1.1.2 Notwithstanding that the work has been sectionalized every part of it shall be deemed to be supplementary to and complementary of every other part and shall be read with it or into it so as it may be practicable to do so.
- 1.1.3 The detailed descriptions of work and materials given in the Specifications are not necessarily be repeated in the Bill of Quantities.
- 1.1.4 The Contractor shall be deemed to have visited the Site before preparing his tender and to have examined for himself the conditions under which the work will proceed and all other matters affecting the carrying out of the works and cost thereof.
- 1.1.5 The Tenderer will be held to have familiarized himself with all local conditions, in so far as they affect the work, means of access and the locality of existing services, in order to execute the Works measured and described hereinafter. No claims for want of knowledge in this respect will be reimbursed.

1.2 Rates and Prices to be Inclusive

- 1.2.1 The rates and prices tendered by the Bidder in the Schedule of Prices shall, except insofar as it is otherwise provided under the Contract, including but not limited to all Bidder's equipment, labour, supervision, materials, plant, wastage, fuel, erection, maintenance, insurance, profit, overheads, together with all general risks, liabilities and obligations set out or implied in the Tender Document including all taxes, duties, fees, royalty and other statutory deductions.
- 1.2.2 The Specifications are intended to cover the supply of material and the execution of all work necessary to complete the works. Should there be any details of construction or material which have not been referred to in the Specifications or in the Bill of Quantities and Drawings, but the necessity for which may reasonably be implied or inferred there from, or which are usual or essential to the completion of all works in all trades, the same shall be deemed to be included in the rates and prices entered in the Bill of Quantities. The rates and prices are to cover the item as described in the Bill of Quantities and if there is inconsistency in the description between the Bill of Quantities, Specifications or Drawings, the interpretation will be done according to

General Conditions of Contract.

- 1.2.3 The Quantities given in the Bill are approximate and are given to provide a common basis for tendering. They are not to be taken as a guarantee that the quantities scheduled will be carried out or required or that they will not be exceeded. The employer/engineer reserves the right to delete any item and /or increase/reduce quantities indicated in the Bill of Quantities at any time. Payment will be made according to the actual quantities of work ordered and carried out in the contract. However, rates quoted shall be valid for any extent of variation in quantity of each individual item provided that the total contract value does not get altered by more than indicated in conditions of contract. No claim whatsoever for extra payment due to variation of quantities within the above said limit would be entertained.
- 1.2.4 The drawings for tender purposes are indicative only of the work to be carried out. However, the Tenderer must allow within his price for the items of work included in the Tender Documents for the details which will appear on subsequent drawings developed for construction purposes. Rates and price shall include any additional design/detailing to be carried out by the contractor.
- 1.2.5 The rates and prices shall include (except where separate items are given) for the provision and operation of the following items, for compliance with the Condition of Contracts, Special Conditions, the specifications and Tender Drawings.
- (i) Supervision and labour for the Works.
 - (ii) All materials, installation /erection, handling and transportation.
 - (iii) All Contractor's equipment
 - (iv) All testing and commissioning, insurance, maintenance, security, welfare facilities, overheads and profit and every incidental and contingent costs and charges whatsoever including.
 - (v) Provision and maintenance of Contractor's Site offices, cabins, huts, maintenance and storage areas.
 - (vi) All necessary temporary services including fresh water, compressed air lines, electrical cabling and switchgear, telephone, walkie-talkie and facsimile facilities.
 - (vii) The maintenance of all Contractor's services.
 - (viii) All insurances for the Works.
 - (ix) Allow for complying with all environmental aspects as specified.
 - (x) For carrying out hot work of any kind contractor should consider safely for vessel in adjoining berth.
 - (xi) Detail design of components of temporary works, wherever necessary as directed by Engineer.

1.3 Tidal Works and Weather Conditions

- 1.3.1 The Contractor shall be deemed to have ascertained for himself the extent to which the work has to be carried out in tidal conditions, and his rates and prices shall include for all cost and charge whatsoever arising out of such working.

- 1.3.2 It is the Tenderer's responsibility to ascertain for himself the probable states of tides, their levels, times and durations. Any water levels stated in technical specifications and marked on the Drawings are intended to give an indication only of those likely to be encountered.
- 1.3.3 All rates are to be inclusive of work at the levels required taking into account the underwater work, tides and weather conditions. They are to include for any stopping of work by the Engineer under conditions stated in the specification.

1.4 Method of Measurement

Standard Method : The work included in the Bill of Quantities once completed will be presented to the Engineer 's representative for checking quality and quantity of work. The Engineer 's representative after satisfying himself issue a certificate to that effect. unless stated or billed otherwise quantities shall be measured in accordance with Indian Standard Code No. 1200 for civil work and shall be not as they are providing in the works. The rates and prices shall include whatsoever allowance is necessary for wastage, working spaces, etc.

The mode of measurement and payment described in the relevant technical specifications shall apply for the relevant items.

1.5 Currency

1.5.1 All monetary reference therein and the Bill of Quantities shall be priced in Indian Rupee Currency.