

in a Schedule indicating the total of that Schedule), the Total Bid Price shall be corrected to reflect the actual summation of the Schedule prices.

5.6 The work shall be awarded on turnkey basis, The scope shall also include all such items/ works which are not specifically mentioned in these specifications but are required for completion of above 400 KV Substation, hence if Bidder considers that any item/ work is not specified / covered but is / are required for successful completion of work, the Bidder shall quote for such item/ work in the Schedule of quantities and prices either on lump sum basis or by mentioning estimated quantity and unit rate, otherwise it shall be deemed to have been included in the Bidder's scope without any extra liability on Purchaser.

5.7 The erection charges shall include supply of all non-consumable and consumable items required for complete erection, testing & commissioning of the equipments and systems which may or may not have been specifically mentioned in Price schedules.

6.0 TECHNICAL SPECIFICATIONS

6.1 UPPTCL procures all the equipments and materials for substations, keeping into consideration the interchangeability and future extension of substation. All equipments and materials to be supplied shall conform to the UPPTCL's current Bid specifications for similar equipments and materials.

6.2 The technical specifications of major equipments and accessory items are being enclosed hereinafter. In case of remaining items also UPPTCL's prevailing technical specifications shall be binding on the Bidder. All the equipments and materials shall be supplied as per specifications, technical particulars, drawings and makes approved by Purchaser without any price implication irrespective of the technical particulars and makes quoted in the Bid.

6.3 UPPTCL has standard design/ drawings for main and auxiliary structures which shall be provided to Bidder. The Bidder shall supply main and auxiliary structures conforming to these designs/ drawings. The equipment mounting bases shall also match with these auxiliary structures.

6.4 The handling, storage, erection, testing and commissioning shall be done as per relevant standards, manufacturer's instruction manuals and where such standards/ instructions are not available, these activities shall be carried out as per UPPTCL's norms and practices for similar voltage level substations constructed by UPPTCL.

6.5 The Bidder may propose alternative specifications for equipments, structures, materials and erection procedures for Purchaser's consideration/ approval. It shall be sole discretion of Purchaser to accept or reject such alternatives and Purchaser's decision shall be binding on Bidder.

6.6 EQUIPMENT MAKES

6.6.1 The Bidder shall supply the equipments of his own make for which the Bidder is also the manufacturer provided such equipment/s meet the prequalifying conditions for individual equipments.

6.6.2 The bought-out items shall also meet the prequalifying conditions for individual equipments

and their makes shall be as per approval of Engineer of Contract / List of approved vendors/ Approved vendors of PGCIL.

6.7 PREQUALIFYING CONDITIONS FOR THE SUPPLY OF INDIVIDUAL EQUIPMENTS/ MATERIALS:

6.7.1 (A). OPERATIONAL EXPERIENCE

Offered equipment should have given three years proven trouble free operational service in tropical climate. However in case of equipment manufactured in India under valid foreign collaboration, operating experience in tropical climate of offered collaborator's equipment, shall also be acceptable provided copy of valid collaboration agreement for the offered equipment is submitted with the proposal. Further in case of offer of imported equipment, three year operating experience shall be considered in respect of those areas only which are similar to to the tropical conditions prevailing in India.

6.7.2 (B). MANUFACTURING EXPERIENCE

The indigenous manufacturers or their foreign collaborator must have manufactured at least 20% of the specified quantities of each item of identical or similar equipment.

6.7.3 (C). TESTING FACILITIES :

The manufacturer must have all necessary facilities at their works for carrying out such routine and acceptance tests as prescribed in the relevant ISS/IEC and any other routine and acceptance test as specified in the specification. Documentary evidence of existence of such facilities will be submitted along with the proposal.

6.7.4 (D). TYPE TEST FOR INDIGENOUS OR FULLY IMPORTED EQUIPMENTS:

The offered equipments must have been fully type tested as per relevant ISS and/or any other specified international standards, during the last 5 years period to be reckoned from the date of opening of tender. Photo copy of such type test reports/ certificates must be submitted along with the proposal. the test certificates of proto type manufactured and tested by foreign collaborators of the tenderers at their works shall not be acceptable for indigenously manufactured equipment.

7.0 PRICES

The Prices of all the items and services quoted in the Price Schedules shall be shall remain "Fixed and Firm" in all respects during the currency of the contract.

The prices of spare parts shall remain 'Firm' and valid for a period of three years from the date of taking over of the substation by UPPTCL.

8.0 TAXES & DUTIES

8.1 The prices of imported items, if any, shall be inclusive of all taxes, duties, license fees, import/ custom duties etc. as legally applicable except GST. GST shall be payable, at the applicable rate for work contract, on landed cost of material, freight from port to