

## BILL OF QUANTITIES

### A. Preamble

1. The Bill of Quantities shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
2. The quantities given in the Bill of Quantities are estimated and provisional, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the prices Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per the Contract.
3. The rates and prices entered in the priced Bill of Quantities shall, except insofar as it is otherwise provided under the Contract include all costs of Contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bids, shall be included in the rates and prices and the total Bid Price submitted by the Bidder.
4. A rate or price shall be entered against each item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. Unit rate against each item in the Bill of Quantities shall be written legibly both in words and figures. This is mandatory.
6. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works.
7. General directions and description of work and materials are not necessarily repeated nor summarized in the Bill of Quantities. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the priced Bill of Quantities.
8. Provisional sums included and so designated in the Bill of Quantities shall be expended in whole or in part at the direction and discretion of the Engineer in accordance with sub-clauses 58.2 of part-1, General Conditions of Contract.
9. Any arithmetic errors in computations or summations will be corrected by the Employer as follows:-
  - a) Where there is a discrepancy between amount in figures and in words, the amount in words will govern; and
  - b) Where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit price and the quantity, the unit rate as quoted will govern.
10. Any item mentioned in the Bill of Quantities consist of furnishing all planrt, labour, equipment, machinery, appliances, materials, fittings, fittings, fixtures, fabrication, erection and installation required for completing the items / works. The work shall be done in accordance with the Bill of Quantities, Technical Specifications, Drawings and directions of the Engineer complete in all respect.

11. The “Ref Sec.” indicates the specifications section number which as a whole or part (depending upon the Engineer’s discretion) of these specifications are to be followed during execution of item of work in accordance with the applicable drawings.
12. Complete description of items of works in the Bill of Quantities, general directions, conditions and limitations of works, location and place of works, applicable methods, means to be adopted, type and quality of materials, use of tools, plants and machinery are not necessarily mentioned in the Bill of Quantities. These shall be referred to in accordance with the Technical Specifications and Drawings.
13. The Bidder may ensure himself of the correctness of quantities and applications of the individual items of works as per the Drawings, Technical Specifications and Contract Documents.
14. Notwithstanding provision of Clause 51 of the General Conditions of Contract, no claim for extra payment will be admissible on account of anticipated profit or variation in overheads expenditure for the works not actually performed nor will any adjustment in the unit rate set forth in the Bill of Quantities be made because of any increase or decrease in the quantities indicated therein.
15. Unless otherwise stated in the text of the Priced Bill of Quantities, the quantities have to be measured and paid in accordance with the measurement and payment of works clauses given in the relevant specifications or in accordance with implied meaning of the specifications. Any special method of measurement used as stated in text of Priced Bill of Quantities is limited to the concerned items only.
16. The rates quoted in the rate column are full value of unit prices as shown in unit column and are firm and final and shall be full compensation for the works involved as per Drawings, Specifications and Contract Conditions.

**BILL OF QUANTITIES**

**B. Work Item**

1. The Bill of Quantities contains the following Bills and Schedule:
  - Civil Works
  - Plumbing Works
  - Electrical Works
2. Bidders shall price the Bill of Quantities in Pakistani Rupees only.
3. Detailed Bill of Quantities is attached in Volume-III of Bid Documents.

**BILL OF QUANTITIES**

**C. Summary**

-	Civil Works	_____
-	Plumbing Works	_____
-	Electrical Works	_____
	Bid Price	_____