

TWO VOLUMES

Volume-I: Instructions to Bidders &  
Conditions of Contract

Volume-II: Financial Bid



**STATE BANK OF PAKISTAN**

**SBP BANKING SERVICES CORPORATION**

**Sukkur**

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**Installation and Commissioning of 02 Nos. of 04 TR ACs in the Vault of SBP BSC Sukkur**

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**BIDDING AND CONTRACT DOCUMENT**

**VOLUME-II**

**February 2024**



## **BILL OF QUANTITIES**

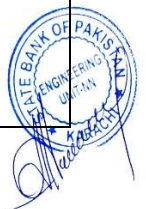
### **Preamble**

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 priced 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 labor, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract. Furthermore all duties, 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. 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.
6. 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.
7. 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.



**BILL OF QUANTITIES**

Sr. No	Description	Qty.	Unit	Unit Rate inclusive of all Taxes	Total Amount
1	Installation of 4 TR conventional type Floor Standing Split type AC units installed with Safety Breakers (enclosed in suitable metal box) suitable for 4 TR unit. Comprising of One Condensing unit for outdoor and One Fan Coil Floor Standing type in Plastic Body for indoor with all accessories, electrical controls, thermostat, safety valves. Complete unit in all respects as per manufacturer's specifications, site requirements and instructions of the engineer in charge.	02	Nos.		
2	Supply, installation and commissioning of copper piping of Muller (USA) brand or approved equivalent suitable for 4 TR Floor Standing with suitable aero flex insulation covering with water proof tape. The holes drilled for copper piping, wiring conduits & condensate water piping should be reinforced with iron plates from both sides (outer and Inner side) of the vault. Complete in all respect as directed by Engineer/In-charge.	170	RFT		
3	Proper size PVC duct/channel (AdamjeeDura or approved equivalent) from DB Room to AC Outer Units, for housing refrigerant Copper pipes, Communication wire & condensate drain including all fitting/fixture, making and re-filling masonry holes in walls/roofs etc. according to site requirements and as directed by the Engineer/In-charge.	90	RFT		
4	Proper size metal "U" channel (20 gauge), From AC inner units till DB Room, for housing refrigerant Copper pipe, Communication wire & condensate drain pipe including all fitting/fixture, making and re-filling masonry holes in walls/roofs etc. according to site requirements and as directed by the Engineer/In-charge.	80	RFT		
5	Suitable iron frame stand/mounting painted with 02 coats of red oxide paint of ICI or equivalent brand for placing/fixing of inner unit and outdoor condensing units. Outdoor unit to be covered with proper MS frame and Fiberglass shed/canopy where necessary, for the air conditioning units mentioned at BOQ	04	Each		



	Item No.1, as directed by the Engineer/In-charge				
6	¾" diameter UPVC class "D" condensate drain line laid inside PVC and Metal duct channel on surface and concealed grooves in floors as required, from indoor unit to available drain point/pot as required. Work includes cutting and repair/refilling of required size grooves/holes in mosaic/ marble floors/walls, glass window panes etc. (where required) as per site requirements and as directed by Engineer/In-charge.	170	RFT		
7	Supply and Installation of ½ hp water pump to collect water from drain collection pot in Beat area and dispose the same at designated points beyond vault premises. Work includes cutting and repair/refilling of required size grooves/holes in floors/walls, glass window panes etc. (where required) as per site requirements and as directed by Engineer/In-charge.	01	No.		
8	Provision of drain water collection from both AC inner units in beat area. Sump of this water collection pot shall be designed such that it facilitates collection of water by ½ hp water pump as per layout drawing. Complete with proper fixing, fittings, drilling, chipping, cutting, screwing etc. and observing proper level to complete the job satisfactorily as per standard practice, site requirements and as directed by the Engineering/In-charge.	01	No.		
9	Suitable size MS Seamless Conduits applied with black paint for housing electric wiring from Main DB to Outdoor Units, mentioned at Sr No. 10.	140	RFT		
10	Supply at site, installation, Termination, Testing and Commissioning of following PVC insulated pure copper power cables (Make: Pakistan Cables Ltd. or approved equivalent) run inside proper size MS Seamless conduit. Termination of cable on both ends (from DB to AC unit input) using suitable thimbles/lugs, sleeves etc. Complete with proper fixing, fittings, drilling, chipping, cutting, screwing etc. and observing proper level to complete the job satisfactorily as per standard practice, site requirements and as directed by the Engineering/In-charge.	140	RFT		
11	4/Core-6mmsq	140	RFT		



12	Single Core 2.5mmsq. (Earth Cable)	190	RFT		
13	3/Core-2.5mmsq.(Communication wire)	02	Nos.		
14	Supply, installation, testing & commissioning of 32 amperes industrial power sockets (male-female) at designated location and complete in all respects as directed by in-charge at site	02	Nos.		
<b>TOTAL QUOTED AMOUNT (Including All Taxes and other charges)</b>					

**In words (Rs.)**

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**Undertaking by the Bidder:**

I ..... had visited the site and have fully understood the scope of services & specifications. The quoted rates are inclusive of all labor charges, Transportation charges, applicable taxes (i.e. GST, Income tax)/duties, overheads, profit etc. I/we have sufficient resources to supply the above materials. All the above Terms & Conditions are acceptable to us unconditionally. We also confirm that our firm is not blacklisted by SBP BSC (Bank) or any other Employer and we are not in litigation with any Government Department or other organization.

Dated: .....

Signatures of the Contractor

<b>Name &amp; CNIC No.</b>			
<b>Designation</b>			
<b>Firm Name</b>			
<b>NTN No.</b>			
<b>GST No.</b>			
<b>Phone No.</b>		<b>Fax No.</b>	
<b>Cell No.</b>		<b>Email ID</b>	
<b>Business Address:</b>	-----		

