

TWO VOLUMES

Volume-I: Instructions to Bidders & Conditions
of Contract

Volume-II: Financial Bid



**NATIONAL INSTITUTE OF BANKING AND FINANCE
ISLAMABAD**

**Supply, Installation, Testing & Commissioning of Reversible (Heat & Cool) Split Air Conditioners
at NIBAF Islamabad**

BIDDING AND CONTRACT DOCUMENT

VOLUME-II

April 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 labour , 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.	Supply of 04 Ton Split ACs units, Conventional ACs with net cooling capacity of minimum 48,000 BTU/h and EER not less than 2.5 – heat and cool type, Comprising on One Condensing unit for outdoor and One indoor units with MS stands with all accessories, electrical controls, thermostat, safety valves with standard installation kit etc. with auto restart option after sudden failure, having warranty of 3-years for compressor and one year for parts. Complete unit in all respect as directed by Engineer/In-charge	Nos	02		
2	Supply of copper piping suitable for 04 Ton Split ACs units, mentioned at serial # 1 with suitable aero flex insulation or equivalent covering with water proof tape if required as per site requirement. Complete in all respect as directed by Engineer/In-charge	Rft	50		
3	Supply of Dura Duct or equivalent of size 100 x 100 mm or required size as per site requirement to be fixed with screws, washer with well finishing required for the covering the drain pipes, copper pipes and electrical wiring of splits ACs Complete in all respect as directed by Engineer/In-charge	Rft	80		
4	Supply, of uPVC drain pipe 1 inch dia with tees, bends/elbows and other accessories, from Inner Unit to the drain Network, Complete in all respect to make the system operational and as per standard specifications and as per directions of Engineer-in-charge.	Rft	80		
5	Supply of Control wiring of suitable core/size, as per load requirement, suitable for 4 TR ACs mentioned at Sr. # 1, using min. 1 x 4 Core 2.5sq. mm + 1 x 2.5 sq. mm ECC or as per manufacturer recommendation.	Set	02		
6	Supply of Electric wiring of suitable core/size for 4 TR ACs mentioned at Sr. # 1 using min. 1 x 4 Core 4sq. mm + 1 x 2.5 sq. mm ECC and Control wiring as per manufacturer recommendation.	Mtr	40		
7	Supply of Electric Cable 1 x 4 Core 16sq. mm from already Installed DB on rooftop to AHU Room at 2 nd Floor with suitable size conduit and accessories for laying of cable.	Mtr	30		
8	Supply of Distribution Board (DB) of 16SWG MS sheet, powder coated RAL 7032 paint, moveable & lockable handles, flush type hinged door with Earthing braid with following components:- Main Incoming: 01 Nos. 40A 10kA TP MCCB Make: Schneider/GE/ABB or approved equivalent, Indication lights (CAMSCO/ Equivalent), Ampere meter & volt meter. Outgoing: 03 Nos. 32A TP MCBs 10kA Schneider/GE/ABB or approved equivalent	No	01		
9	Services for Installation, testing & commissioning of split AC units, including all the items mentioned from Sr. No. 1 to Sr. No. 8, complete with inner unit and outer condenser units inter-connection of the copper piping, control wiring, placing the outdoor unit under shade properly, copper piping and drain piping. Including brackets for	Job	01		

FOR CONTRACTOR



	hanging AC outer units on wall or stand for fixing of AC outer units on shade/ roof, as per unit size, fabricated with MS angle iron and making good as per existing. MS Bracket will be required to be fixed with the 6mm Anchor Bolts Complete in all respect as directed by Engineer/In-charge.				
	TOTAL QUOTED AMOUNT (Including All Taxes and other charges)				

In words (Rs.)

_____ Only.

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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 labour 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

Name & CNIC No.			
Designation			
Firm Name			
NTN No.			
GST No.			
Phone No.		Fax No.	
Cell No.		Email ID	
Business Address:	-----		

FOR CONTRACTOR

