

Annex-III

A. Preamble

1. The Bill of Quantities shall be read in conjunction with the General Conditions of Contract, Special Conditions of Contract and Additional Special Conditions of Contract (**Annex-IV**), Specifications (**Annex-I**) and Drawings (**Annex-II**).
2. The Contract shall be for the whole of the Works as described in these Bidding Documents. Bids must be for the complete scope of works.
3. General directions and description of work and materials are not necessarily repeated nor summarised in the Bill of Quantities. References to the relevant sections of the Bidding Documents **i.e Annex-I** and **Annex-II** shall be made before entering prices against each item in the priced Bill of Quantities.
4. 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.
5. 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, 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. Moreover, the Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.
6. 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.
7. 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.
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/Employer. The Contractor will only receive payment in respect of Provisional Sums if he has been instructed by the Engineer/Employer to utilize such sums.

Detailed Bill of Quantities

RENOVATION AND REHABILITATION OF DATA CENTRE AT (H&R) DIRECTORATE, WAPDA

Sr.No.	Description	Unit	Qty	Rate	Amount
1	Civil Works				
i.	Scraping Ordinary distemper, oil bound distemper, or paint on wall.	Sqm	294.97		
ii.	Distempering two coats over and including cost of primary coat	Sqm	294.97		
iii.	Weather shield paint three coats on new cement plaster surface.	Sqm	46.45		
iv.	Weather shield paint on painted/old surface, one coat.	Sqm	127.97		
v.	Dismantling tile flooring.	Sqm	7.43		
vi.	Flooring comprising of first class granite glazed tiles with 13mm thick white bond cement.	Sqm	70.35		
vii.	Removing cement plaster.	Sqm	50.34		
viii.	Making Groove 25mm x 13mm.	Rm	33.53		
ix.	Cement neru plaster (1:2) upto 1st floor height b) 13 mm.	Sqm	50.17		
x.	Bricks work in ground floor (including striking of joints) in Cement sand mortar. Ratio:1:2	cum	0.51		
xi.	Cement plaster (1 : 4) upto 1st floor height b) 13mm	Sqm	4.90		
xii.	Two coats of bitumen laid hot using 1.66 kg. per sqm over roof & blinded with sand at 0.003 cum per sqm.	Sqm	50.17		
Total (1) PKR					

2	Electrical Works				
i.	Wiring for main with 2-1/7/.085 (7/.036) PVC insulated wire in 25 mm PVC conduit recessed in the wall as required.	R.m	42.67		
ii.	Providing and fixing hard drawn bare copper wire 13 mm ² (8 SWG) as earth continuity conductor with any given mains or sub mains in all system of wiring including metallic electrical accessories.	R.m	21.35		
iii.	Wiring 2 pin plug control point with 1/1.13 (3/.029) PVC insulated wire on switch board including plug & switch.	Each	10		
iv.	Providing and fixing flush type 2 pin 5 amps S.P. Plug-socket on prepared board.	Each	10		
v.	Providing and fixing flush type 3 pin 15 amps S.P. Plug-socket switch (combined) as replacement on prepared board.	Each	2		
vi.	Providing and fixing /connecting flush type 2 pin 5 Amp: SP plug socket switch and shoe unit on metal board recessed in wall or column covered with plastic sheet.	Nos	2		
vii.	Providing and fixing of distribution board single phase 60 Amps, 250 volts with 1-No. incoming circuit breaker 60 Amps. D.P. 6-Nos. outgoing 6-15 Amps. Single pole circuit breaker with N link on prepared board	Each	1		
Total (2) PKR					

3.	Miscellaneous Works				
i.	Supply and installation of LED Lighting Panel of size (2'x2')	Nos.	3		
ii.	Supply and fixing of PVC Shoes Rack (W960mmxD350mmxH900mm)	Nos.	1		
iii.	Providing and fixing of hard PVC Panels for walls of Server Room.	Sqft	288.00		
iv.	Providing and fixing aluminum natural anodized fixed panel with glazing (12mm)	Sqft	290.00		
v.	Providing and fixing aluminum natural anodized two way openable hingd doors with glazing (12mm)	Sqft	70.00		
vi.	Providing and fixing door lock natural anodized.	Each	4.00		
vii.	Providing and fixing aluminum door closer (single action) natural anodized.	Each	4.00		
viii.	Providing and fixing aluminum natural anodized fixed panel including sliding door (7ftx7ft) with glazing (6mm).	sqft	68.00		
ix.	Providing and fixing of heavy duty raised access floor (Height=150mm) with vinyl tiles (Electric Resistance Type)	sqft	158.00		
x.	Removing of existing Aluminum window	sqft	24		
xi.	Relocation of existing Aluminum Partition With Sliding	sqft	72.00		
xii.	Supply and Installation of New Air conditioner 1.5 ton split Preferably Gree /Mitsubhishi & Acson Brand	Each	1.00		
xiii.	Supply and Installation of Heat Detector Sensors	Nos.	2.00		

xiv.	Supply and Installation & Commissioning of 2MP FHD Camera with all accessories including Coaxial cables, Power supply 12v 5 Amp DC Pin BNC Lead Hard Disk 500GB & DVR. Complete in all respects.	Each	4.00		
Total (3) PKR =					
Total Amount in PKR (1+2+3) =					

Note:

- i) Increase / decrease in prices (Escalation) shall not be allowed.
- ii) Bid cost will be inclusive of all applicable Provincial and Federal Taxes.
- iii) Bid Price must be inclusive of all types of premiums to be paid for the insurance coverages as per clause 3.1 of General Conditions of Contract.

(Words & Figures) _____

Signature of Contractor: _____

Seal of the Firm: _____