



Higher Education Commission, Pakistan

TENDER NOTICE

Tenders are invited by the Higher Education Commission (HEC), Pakistan from reputable firms/contractors having relevant experience and registered with Income Tax & GST Department for the execution of following work:

1	Name of Procuring Agency	Higher Education Commission, H-9, Islamabad
2	Tender Number	07/HEC/RE/2021-22
3	Procurement Title	Establishment of Smart Classrooms at HEC Islamabad and Regional Centers (Peshawar, Karachi, Lahore).
4	Last date for obtaining Tender Documents and its price	April 26, 2022 @ Rs. 1000/- (non-refundable) as Tender Documents Fee
5	Closing time and date of bid submission	1330 hours on April 26, 2022 at Engineering Section HEC, H-9 Islamabad
6	Time and place of public opening of bids (on the closing date)	1400 hours on April 26, 2022, at Auditorium Block, HEC, H-9 Islamabad
7	Amount of bid security / earnest money	Rs.60,000/- in the form of Pay Order / Bank Draft in favor of Director General (Finance), HEC
8	Time period for performance of contract	30 Days

Note: Tender Documents, costing Rs. 1000/- (cash, non-refundable) each to be deposited in HEC Account No.17427900133401 of Habib Bank Limited, SRC Branch, Sector H-9, Islamabad (via online or physically), can be downloaded from HEC/PPRA website for ease. However, no bid will be accepted without evidence of tender fee submission and attachment of below documents with submitted bid on submission date/time.

- a. Full name, permanent address, telephone and fax numbers
- b. Type of firm whether it is sole enterprise or joint venture
- c. Details of similar work completed during last ten years with completion certificates from organizations (at least three similar nature works)
- d. Income Tax, Sales Tax Registration certificate (must be on active list of Federal Board of Revenue) and valid Pakistan Engineering Council registration certificate with relevant code i.e CE-10 with respect to procurement
- e. Affidavit that the firm has not been blacklisted nor found involved in litigation with any Government/semi-Government, autonomous body.
- f. HEC reserves the right to accept or reject any or all the tenders as per PPRA rules.
- g. This tender notice is available on PPRA and HEC websites.

A-XEN

**Engineering Section HEC, H-9, Islamabad
Telephone: 051-90401528, 1526**

Higher Education Commission



TENDER DOCUMENTS

Establishment of Smart Classrooms at HEC Islamabad and Regional Centers (Peshawar, Karachi, Lahore)

Issued To: _____

Issued By: _____

Dated: _____

Terms & Conditions

1.0 Introduction

Establishment of Smart Classrooms at HEC Islamabad and Regional Centers (Peshawar, Karachi, Lahore).

2.0 Instruction to Bidders

- 1) Bids shall be delivered to: A-XEN, HEC, H-9, Islamabad, on or before the specified date & time as per tender notice.
- 2) Any bidder who may have any doubt or enquiry as to true meaning of any part of the tender documents should deliver to HEC a written request for a clarification or answer thereof, prior to **three (03) days** of the date set for opening of the tenders.
- 3) Before quoting, the Bidder in his own interest shall carry out site visits to know the site conditions and full implications of the assignment. This will also help him in proper assessment of the work. Failure to do so will not absolve the contractor of his responsibility to carry out the work as specified in the Tender Documents. The cost of visiting the site shall be borne by the Tenderer and shall be at his own responsibility and risk.
- 4) Proposal received by HEC after the deadline for submission of proposal prescribed in the document will be returned unopened to such applicant. Delays in the mail or courier, delays of person in transit, or delivery of a proposal to the wrong office shall not be accepted as an excuse for failure to deliver a proposal at the proper place and time. It shall be the bidder's responsibility to determine the manner in which timely delivery of his proposal will be accomplished either in person, by messenger or by mail.

3.0 Terms and Conditions

- 1) All prices quoted in the above B.O.Q should be in PAK Rupee inclusive of GST and all other applicant Govt. taxes which will be deducted as per Govt. Rules. Separate claim in this regard will not be entertained.
- 2) Time period for the completion of work is 30 Days from the issuance of work order.
- 3) No advance payment will be released to the vendor/supplier.
- 4) The bid will be valid for a period of 60 days.
- 5) 10 % Security Money will be deducted from the bill of Contractor which will be released after successful completion of maintenance period.
- 6) No tender shall be considered if:-
 - a. Received without earnest money
 - b. Received later than the date and time fixed for tender
 - c. The tender is un-signed and not stamped. Each page should be signed and stamped.
 - d. The offer is ambiguous.
 - e. The offer is conditional.
 - f. The offer from a firm which is black-listed, by any Govt. Office.
 - g. The offer is received by telephone / telex / fax / telegram.
 - h. Any erasing, cutting / overwriting etc, if unattested, shall not be accepted.
 - i. Received without GST & NTN certificate.
- 7) In case of failure to comply with the work order, penalty will be imposed on defaulting contractor / vendor as under:-
 - a. The successful party undertakes to complete the work according to approved specifications and within specified time of work order. In case of delay in provision of delivery in time as per work order, Executive Director HEC reserves the right to impose a penalty @ one (01) percent of the entire work order for each day of delay not exceeding ten percent of the contract value. If the work is not completed even after payment of penalty for 10

consecutive days, the Commission reserves the right to cancel the work order and to obtain the required job from elsewhere at risk & cost of the defaulting Contractor and his earnest money will be forfeited.

- 8) The Commission reserves the right to increase or decrease the quantity or may cancel any or all items shown in the BOQ without assigning any reason thereto.
- 9) A formal agreement on stamped paper worth Rs. 100/- shall be executed between the Commission and the contractor / vendor. Failure to sign the agreement within 07 days of acceptance will disqualify the vendor and the Commission will have the right to forfeit the amount of his earnest money and make the agreement with the next lowest bidder, for which no appeal will be entertained.
- 10) A draft from any scheduled bank worth Rs. 60,000/ in the name of Director General (Finance) HEC, H-9 Islamabad is to be attached with the bid as earnest money. The amount deposited as earnest money by the Contractor will be refunded on the successful completion of contract period.
- 11) PPRA rule 36 a "single stage one envelope procedure" will be followed for this tender. Lowest evaluated bidder will be awarded the contract as a whole.
- 12) The successful bidders shall be responsible for all services provided for within the contract on the basis of fixed price agreement set at the beginning of the contract.
- 13) No escalation on any material, Labour, POL shall be payable to contractor during the currency of contract.
- 14) The work will be done to the complete satisfaction of the Executive Director as well as the authorized Engineer by the HEC, whose judgement with regard to quality of the material and workmanship will be final and binding. In case the contractor fails to complete the work in the stipulated time, the

HEC shall be free to award the balance work to another contractor at his risk and cost

- 15) Third Party Services required for completion of certain components will be the responsibility of the primary bidder submitting the bid. HEC will not be a party to any contract between the primary bidder and sub-contractor. Any such contract will only be entered into with prior approval of HEC.
- 16) It is the sole responsibility of the tenderer to comply with the local, national and international laws.

18). Inspection & Taking Over

Inspection & Taking Over

Upon completion of work the contractor will notify the employer (HEC) for handling / taking of project and after final inspection by inspection agency nominated by the Employer, the Purchase (HEC) will issue a taking over certificate in which he shall certify the date on which the items have been so accepted.

19) Warranty / Maintenance Period:

- a) The Contractor shall issue warranty to the effect that the works done shall remain fit for the particular purposes and operations.
- b) Maintenance Period shall be ONE (01) Year for civil work & Three (03) Years for A.Cs Manufacturer's warranty.

20) Rejection

In the event, any portion of the works done by the Contractor is found to be defective in material or otherwise not in conformity with the requirements of the contract, the Employer (HEC) shall have the right to either reject or to request in writing rectification of the works, then the Contractor shall with utmost diligence and at his own expense correct

the same or re-do the defective works. If the Contractor fails to do so, the Employer (HEC) either:

- a) Opt to replace or rectify such defective works and charge to the Contractor at his risk and cost.
- b) Terminate the Contract for default.
- c) In the event the Contractor is not able to rectify or replace the rejected works within reasonable time (1 week), the HEC, reserves the right to get the work done at Contractor's risk and cost.

21) Acceptance Terms

The submission of the tender against the tender inquiry by the tenderer means that the tenderer has read and accepted the terms and conditions relating to all the tender documents and annexure(s) and has thoroughly examined the specifications and particulars in the tender inquiry.

22) Arbitration:

In case of any dispute between the two parties of any matter arising out of this contract, the case shall be referred to the Executive Director, HEC whose decision shall be final and binding on both the parties.

23) Unforeseen Items:

a) Any unforeseen items / jobs if necessary to be executed as per work / job requirements will be executed as per approved premium on PWD Schedules 2012 (if available in the schedule), or on prevailing market rates in accordance with the rates given in Govt. Schedules of Works / Market rates as analyzed by the AXEN.

b) The work /Job will conform to Pak PWD Govt. Standards and specifications.

24) Bids determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words will govern; and
- (b) where there is a discrepancy between the unit rate and the line-item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

25) In-case of sudden holiday, bids will be opened on the next working day. Our

N.T.N No. is _____

Signature of Contractor / Vendor with Stamp
And complete postal address.

Note: It is compulsory for bidder to sign and stamp all pages of Terms & Conditions of the bid

Dated: _____

BOQ

ESTABLISHMENT OF SMART CLASSROOMS AT HEC ISLAMABAD AND REGIONAL CENTERS (Peshawar, Karachi, Lahore)					
HEAD OFFICE ISLAMABAD					
S.No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
(A)	Civil Work (Schedule Item)				
1	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229mm to 343mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	450	Cft	199.74	89,883.00
2	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 4-1/2 inches (114 mm) and less in thickness including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	15	Cft	229.95	3,449.25
3	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement plinth, mezzanine and ground floor including making edges, corners and curing etc, complete.	1280	Sft	19.13	24,486.40
4	Distemping with vinyle distermper (ICI) Dulux paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and in equalities, if any, at any height in any floor.	2200	Sft	10.54	23,188.00
5	Taking out door and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of un-service-able material as directed by the Engineer-in-Charge.	4	Each	197.80	791.20

6	Repainting two coats with enamel paint of approved make and shade to wood work/steel work including scraping and sand papering the surface as directed by Engineer-in-Charge in any floor.	50	Sft	9.56	478.00
7	Providing and fixing 1-1/2 inches (38 mm) thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2ndclass deodar wood solid core, l/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved Iron fittings but excluding the cost of handles and locking arrangement.	50	Sft	571.68	28,584.00
8	Providing and fixing M.S molded steel door frame of 4"x 2-1/2" (102 mm x 64 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to BSS. 1245 having a single rebate size 1-1/2" x 1/2" (38 mm x 13 mm) with provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm),(2 Nos. 6 inch long welded with frame at not less than 10 points and 1 NO., 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 No. 6 inches long flat iron fixing lugs, of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	25	Rft	157.12	3,928.00

9	Providing and fixing M.S. moulded steel door frames of 5.73'x 2-1/2" (146 mm x 63 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2'x 1/2" (38 mm.x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2' x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with trame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4'x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	25	Rft	185.34	4,633.50
10	Providing and fixing with brass screws hydraulic door closer Rayobi or approved design Japan make cutting wood etc. to required shape and size as per direction on engineer in charge	2	Nos.	2,241.49	4,482.98
Total of A					183,904.33
% Premium (Above/Below)					
Total of A with premium					
(B) Civil Work (Non-Schedule Item)					
11	Providing and fixing aluminum kick plate 6" wide on doors complete in all respect.	2	Nos		
12	Providing and fixing of brass door handle lock best quality complete in all respect.	2	Nos		
13	Supply and fix, 150mm long, brass tower bolts with brass shoots and fixed with sockets or let into any material.	2	Nos		
Total of B					
(C) Electrical Work					
14	Providing and fixing Double Light Plugs Clipsal Multi on desks as per requirement. Complete in all respects including wiring/ducting.	30	Nos.		

15	Providing and fixing 03 pin power socket outlet (20 Amp) points controlled by one switch along with back boxes as per the design. Including cost of wiring	2	Each		
16	Providing and fixing Breaker SP 10 AMP Schneider or equivalent complete in all respect as directed by Engineer In-charge.	6	Nos.		
17	Providing and fixing Breaker 3 SP 30 AMP Schneider or equivalent complete in all respect as directed by Engineer In-charge.	1	Nos		
18	Supply & drawing of 4mm ² , 4 core, PVC insulated wire with concealed wiring as ECC as required.	20	Rft.		
19	Providing & fixing Cubical type metal sheet Distribution board with locking arrangement as per drawing ,vermin protected duly powder coated paint i/c all fastening material including wiring with suitable gauge PVC x PVC wire complete as required.	4	P/Sft		
20	Removal of existing surface mounted ducts and placing the existing cable inside walls in proper conduit and making good surface as per site requirement. Complete in all respect.	1	Job.		
21	Providing LED lights 18 W round ceiling type (Osaka or equivalent) complete in all respects along with necessary wiring and switch sockets.	2	Nos.		
Total of C					
(D) HVAC Work					
22	Provision of Wall Mount Split Type Air Conditioner Unit (21000 BTU/hr. to 24000 BTU/hr) Invertor and T3 Technology based Air Conditioner unit with R 410 Type Refrigerant (Heat & Cool) including 10rft Copper pipe kit, Flexible drain, Control wires and remote control complete in all respect imported make Daikin, Samsung or Eqvalent. Quoted Brand : _____	2	Each		
23	Providing & installation of medium quality Copper Pipe (22 gauge) manufactured by Muller China or approved equal with Fitting, elbows, tees, reducers traps, union, hangers, supports and Insulation				

	etc. complete in all respect as directed by Engineer Incharge.				
	a. 5/8" dia.	10	Rft.		
	b. 3/8" dia.	10	Rft.		
	c. 1/4" dia.	10	Rft.		
24	Dismantling of Old units and Installation of Wall Mounted A.c Units including all allied e.g Wall Brackets, nut bolts etc. All Wall / Roof Openings must be properly closed as previous along with paint work etc. as required by Engineer Incharge.	2	Job.		
25	Provision and installation of Main Wire (110/76) Flexible, full gauge, 3 core 2.5 mm Pakistan Cable, Fast Cable, Aiwa or approved equal with required duct / Flexible Pipe or PVC Conduite complete in all respect as directed by Engineer Incharge.	30	mtr		
26	Provision and installation of UPVC Drain 3/4-inch Dia including tees, elbow and joint etc. complete in all respect as directed by Engineer Incharge.	60	Rft.		
27	Provision and installation of Duct (60mm x 60mm) complete in all respect make Dura, Adamjee as directed by Engineer Incharge.	50	Rft.		
		Total of D			
	Total for Islamabad (Rs) (A+B+C+D)				

REGIONAL CENTER LAHORE

S.No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
(A)	HVAC Work				
1	Provision of Wall Mount Split Type Air Conditioner Unit (21000 BTU/hr. to 24000 BTU/hr) Invertor and T3 Technology based Air Conditioner unit with R 410 Type Refrigerant (Heat & Cool) including 10rft Copper pipe kit, Flexible drain, Control wires and remote control complete in all respect imported make Daikin, Samsung or Equivalent. Quoted Brand:-_____	2	Each		
2	Providing & installation of medium quality Copper Pipe (22 gauge) manufactured by Muller China or approved equal with Fitting, elbows, tees, reducers traps, union, hangers, supports and Insulation etc. complete in all respect as directed by Engineer Incharge.				
	a. 5/8" dia.	10	Rft.		
	b. 3/8" dia.	10	Rft.		
	c. 1/4" dia.	10	Rft.		
3	Dismantling of Old units and Installation of Wall Mounted A.c Units including all allied e.g Wall Brackets, nut bolts etc. All Wall / Roof Openings must be properly closed as previous along with paint work etc. as required by Engineer Incharge.	2	Job.		
4	Provision and installaion of Main Wire (110/76) Flexible, full gauge, 3 core 2.5 mm Pakistan Cable, Fast Cable, Aiwa or approved equal with required duct / Flexible Pipe or PVC Conduite complete in all respect as directed by Engineer Incharge.	30	mtr		
5	Provision and installaion of UPVC Drain 3/4 inch Dia including tees, elbow and joint e.t.c complete in all respect as directed by Engineer Incharge.	60	Rft.		
6	Provision and installaion of Duct (60mm x 60mm) complete in all respect make Dura, Adamjee as directed by Engineer Incharge.	50	Rft.		

	Total for Lahore (Rs)
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REGIONAL CENTER PESHAWAR					
S. No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
(A)	Civil Work (Schedule Item)				
1	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229mm to 343mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	725	Cft	199.74	144,811.5
2	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 4-1/2 inches (114 mm) and less in thickness including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	35	Cft	229.95	8,048.25
3	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement plinth, mezzanine and ground floor including making edges, corners and curing etc, complete.	2000	Sft	19.13	38,260.00
4	Distempering with vinyle distemper (ICI) Dulux paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and in equalities, if any, at any height in any floor.	2500	Sft	10.54	26,350.00
5	Repainting two coats with enamel paint of approved make and shade to wood work/steel work including scraping and sand papering the surface as directed by Engineer-in-Charge in any floor.	60	Sft	9.56	573.60
6	Taking out door and window frames with or without hold fasts in first floor including cutting walls, stacking salvaged material (serviceable) and disposing of un-serviceable material as directed by the Engineer-in-Charge.	2	Each	197.80	395.60

7	Providing and fixing 1-1/2 inches (38 mm) thick solid core deodar wood flushed veneered door shutters, with and including the cost of commercial plywood facing 3 mm thick (3 ply) on both faces, fixed over best quality deodar wood frame 2 inches wide around 6 inches wide lock rail and 2 nd class deodar wood solid core, l/c., 1/4 inch thick best quality deodar wood lipping on all sides as per approved drawing, manufactured under power driven hydraulic press, including the cost of approved Iron fittings but excluding the cost of handles and locking arrangement.	60	Sft	571.68	34,300.80
8	Providing and fixing M.S molded steel door frame of 4"x 2-1/2" (102 mm x 64 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to BSS. 1245 having a single rebate size 1-1/2" x 1/2" (38 mm x 13 mm) with provision of 3 Nos. M.S. plate, section 1-1/2" x 1/4" (38 mm x 6 mm),(2 Nos. 6 inch long welded with frame at not less than 10 points and 1 NO., 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 No. 6 inches long flat iron fixing lugs, of 1-1/4" x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	25	Sft	157.12	3,928.00

9	Providing and fixing M.S. moulded steel door frames of 5.73'x 2-1/2" (146 mm x 63 mm) manufactured from mild steel sheet of 18 gauge (1.41 mm) conforming to B.S.S. 1245 having a double rebate size 1-1/2'x 1/2" (38 mm.x 12 mm) provision of 3 Nos. M.S. plate, section 1-1/2' x 1/4" (38 mm x 6 mm) (2 Nos. 6 inch long welded with trame at not less than 10 points and 1 Nos. 12 inch long welded with frame at not less than 20 points), with holes and threads for fixing steel hinges, fitted with one locking box of same sheet (point welded inside the frame), 6 Nos. 6 inches long flat iron fixing lugs of 1-1/4'x 3/16" section, treated with special red oxide primer coat all around including cutting holes and filling the cavity with cement concrete 1:2:4 etc. in any floor at any height complete as directed by the Engineer-in-Charge	25	Rft	185.34	4,633.50
10	Providing and fixing with brass screws hydraulic door closer Rayobi or approved design Japan make cutting wood etc. to required shape and size as per direction on engineer in charge	2	Nos	2,241.49	4,482.98
				Total of A	265,784.23
	% Premium (Above/Below)				
	Total of A with Premium				
(B) Civil Work (Non-Schedule Item)					
11	Providing and fixing aluminum kick plate 6" wide on doors complete in all respect.	2	Nos		
12	Providing and fixing of brass door handle lock best quality complete in all respect.	2	Nos		
13	Supply and fix, 150mm long, brass tower bolts with brass shoots and fixed with sockets or let into any material.	2	Nos		
	Total of B				
(C) Electrical Work					
14	Providing and fixing Double Light Plugs Clipsal Multi on desks as per requirement. Complete in all respects including wiring/ducting.	30	Nos.		

15	Wiring for light, fan or call bell point with 1.5 mm ² single core, PVC insulated wire copper conductor wire concealed in surface including 1mm ² single core PVC insulated wire as ECC as required.	40	points		
16	Providing and fixing 03 pin power socket outlet (20 Amp) points controlled by one switch along with back boxes as per the design. Including cost of wiring	2	Each		
17	Providing and fixing Breaker SP 10 AMP Scheneider or equivalent complete in all respect as directed by Engineer In-charge.	6	Nos.		
18	Providing and fixing Breaker SP 30 AMP Scheneider or equivalent complete in all respect as directed by Engineer In-charge.	1	Nos		
19	Supply & drawing of 4mm ² , 4 core, PVC insulated wire with concealed wiring as ECC as required.	20	Rft.		
20	Providing & fixing Cubical type metal sheet Distribution board with locking arrangement as per drawing ,vermin protected duly powder coated paint i/c all fastening material including wiring with suitable gauge PVC x PVC wire complete as required.	4	P/Sft		
21	Providing LED lights 18 W round ceiling type (Osaka or equivalent) complete in all respects along with necessary wiring and switch sockets.	2	Nos.		
Total of C					
(D) HVAC Work					
22	Provision of Wall Mount Split Type Air Conditioner Unit (21000 BTU/hr. to 24000 BTU/hr) Invertor and T3 Technology based Air Conditioner unit with R 410 Type Refrigerant (Heat & Cool) including 10ft Copper pipe kit, Flexible drain, Control wires and remote control complete in all respect imported make Daikin, Samsung or Equivalent. Quoted Brand:-	2	Each		

23	Providing & installation of medium quality Copper Pipe (22 gauge) manufactured by Muller China or approved equal with Fitting, elbows, tees, reducers traps, union, hangers, supports and Insulation etc. complete in all respect as directed by Engineer Incharge.				
	a. 5/8" dia.	10	Rft.		
	b. 3/8" dia.	10	Rft.		
	c. 1/4" dia.	10	Rft.		
24	Dismantling of Old units and Installation of Wall Mounted A.c Units including all allied e.g Wall Brackets, nut bolts etc. All Wall / Roof Openings must be properly closed as previous along with paint work etc. as required by Engineer Incharge.	2	Job.		
25	Provision and installation of Main Wire (110/76) Flexible, full gauge, 3 core 2.5 mm Pakistan Cable, Fast Cable, Aiwa or approved equal with required duct / Flexible Pipe or PVC Conduite complete in all respect as directed by Engineer Incharge.	30	mtr		
26	Provision and installation of UPVC Drain 3/4 inch Dia including tees, elbow and joint etc. complete in all respect as directed by Engineer Incharge.	60	Rft.		
27	Provision and installation of Duct (60mm x 60mm) complete in all respect make Dura, Adamjee as directed by Engineer Incharge.	50	Rft.		
Total of D					
Total for Peshawar (Rs) (A+B+C+D)					
REGIONAL CENTER KARACHI					
S.No	Description	Qty	Unit	Rate (Rs)	Amount (Rs)
(A) Civil Work (Schedule Item)					
1	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 9 to 13-1/2 inches (229mm to 343mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor	175	Cft	199.74	34,954.50

	superstructure.				
2	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 in straight or curved walls 4-1/2 inches (114 mm) and less in thickness including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure.	60	Cft	229.95	13,797.00
3	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement plinth, mezzanine and ground floor including making edges, corners and curing etc, complete.	550	Sft	19.13	10,521.50
4	Distempering with vinyle distermper (ICI) Dulux paintex of approved make and shade in two coats over and including the cost of one priming coat of lime wash including sand papering, dusting, and filling the holes, cracks and in equalities, if any, at any height in any floor.	600	Sft	10.54	6,324.00
5	Taking outdoor and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of un-serviceable material as directed by the Engineer-in-Charge.	3	Each	197.80	593.40
6	Providing and fixing with brass screws hydraulic door closer Rayobi or approved design Japan make cutting wood etc. to required shape and size as per direction on engineer in charge	1	Nos	2,241.49	2,241.49
				Total of A	68,431.89
				% Premium (Above/Below)	
				Total of A with premium	
(B) Civil Work (Non-Schedule Item)					
7	Providing and fixing solid wood paneled door as per the existing door available at site. Complete in all respect as directed by Engineer Incharge	1	Nos.		
				Total of B	
(C) Electrical Work					

8	Providing and fixing Double Light Plugs Clipsal Multi on desks as per requirement. Complete in all respects including wiring/ducting.	30	Nos.		
9	Providing and fixing 03 pin power socket outlet (20 Amp) points controlled by one switch along with back boxes as per the design. Including cost of wiring	2	Each		
10	Providing and fixing Breaker SP 10 AMP Schneider or equivalent complete in all respect as directed by Engineer In-charge.	6	Nos.		
11	Providing and fixing Breaker SP 30 AMP Schneider or equivalent complete in all respect as directed by Engineer In-charge.	1	Nos		
12	Supply & drawing of 4mm ² , 4 core, PVC insulated wire with concealed wiring as ECC as required.	20	Rft.		
13	Providing & fixing Cubical type metal sheet Distribution board with locking arrangement as per drawing ,vermin protected duly powder coated paint i/c all fastening material including wiring with suitable gauge PVC x PVC wire complete as required.	4	P/Sft		
14	Providing LED lights 18 W round ceiling type (Osaka or equivalent) complete in all respects along with necessary wiring and switch sockets.	2	Nos.		
Total of C					
(D) HVAC Work					
15	Provision of Wall Mount Split Type Air Conditioner Unit (21000 BTU/hr. to 24000 BTU/hr) Invertor and T3 Technology based Air Conditioner unit with R 410 Type Refrigerant (Heat & Cool) including 10rft Copper pipe kit, Flexible drain, Control wires and remote control complete in all respect imported make Daikin, Samsung or Equivalent. Quoted Brand:-_____	2	Each		
16	Providing & installation of medium quality Copper Pipe (22 gauge) manufactured by Muller China or approved equal with Fitting, elbows, tees, reducers traps, union, hangers, supports and Insulation etc. complete in all respect as directed by				

	Engineer Incharge.				
	a. 5/8" dia.	10	Rft.		
	b. 3/8" dia.	10	Rft.		
	c. 1/4" dia.	10	Rft.		
17	Dismantling of Old units and Installation of Wall Mounted A.c Units including all allied e.g., Wall Brackets, nut bolts etc. All Wall / Roof Openings must be properly closed as previous along with paint work etc. as required by Engineer Incharge.	2	Job.		
18	Provision and installation of Main Wire (110/76) Flexible, full gauge, 3 core 2.5 mm Pakistan Cable, Fast Cable, Aiwa or approved equal with required duct / Flexible Pipe or PVC Conduite complete in all respect as directed by Engineer Incharge.	30	mtr		
19	Provision and installation of UPVC Drain 3/4 inch Dia including tees, elbow and joint e.t.c complete in all respect as directed by Engineer Incharge.	60	Rft.		
20	Provision and installation of Duct (60mm x 60mm) complete in all respect make Dura, Adamjee as directed by Engineer Incharge.	50	Rft.		
		Total of D			
		Total for Karachi (Rs) (A+B+C+D)			
		Grand total (Islamabad+Lahore+Peshawar+Karachi)			

Amount in Words:

Contractor's Sign & Stamp