

TENDER DOCUMENT

CONSTRUCTION OF BOUNDARY WALL AND WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS DREAM GARDENS LAHORE



**BAHRIA UNIVERSITY ISLAMABAD
SHANGRILA ROAD, SECTOR E-8, ISLAMABAD**

Note-1: Bids are to be furnished on the Bid Form and Schedule of prices given in this document. Any bid not following the format will be considered non-responsive and will be rejected.

Note-2: Efforts have been made to avoid errors and omissions while preparing this document. However, errors or omissions may creep in while editing or printing. Any such error, discrepancy or omission may be brought to the notice of Bahria University, prior tender opening date for correction. University shall not be responsible, directly or indirectly, for any consequences, damage or loss, of action consequential or incidental, to anyone, of any kind, in any manner, resulting from typographical errors or omissions.



BAHRIA UNIVERSITY HEAD OFFICE ISLAMABAD

Discovering Knowledge

INVITATION TO BIDS

Ref. BU/P&D/BW/WT/BULC/26/

Dated: 06 July 2026

CONSTRUCTION OF BOUNDARY WALL AND WATCH TOWER AT BAHRIA UNIVERSITY LAHORE CAMPUS

1. Sealed bids are invited **on E-PADS only** firms registered with Tax department and PEC (C-3 and above) with relevant Category for the **CONSTRUCTION OF BOUNDARY WALL AND WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS DREAM GARDENS LAHORE**. Interested eligible firms may download tender documents for the subject project containing detailed terms and conditions from **E-PADS** or from the following offices:

- a. DD (Development), Bahria University Islamabad (Quaid Block Basement Room No.09).
- b. Project Coordinator Office, Bahria University Lahore Campus, 47-C Civic Center, Johar Town, Lahore.

Bids to be submitted after uploading/publication of the Tender Notice during office hours (0900 to 1400 hours) except Saturday and Sunday against payment through pay order of **Rs. 5,000/-** (non-refundable) in favor of "**Bahria University Islamabad**" NTN. 2132767-0.

2. Single stage two envelope tendering procedure shall be followed. Bids will only be accepted through **E-PADS** and Hard copy of uploaded documents and bid security (in original) be deposited/submitted to DD (Development), Bahria University Islamabad (Quaid Block Basement Room No.09).

3. Bids shall be submitted before 1100 Hours on **23 July 2026**. Bid security in original amounting to Rs. 1,875,000/- should be submitted in the shape of Pay Order/Demand Draft/CDR in favor of "**Bahria University Islamabad**" NTN. 2132767-0. The tenders will be opened on **23 July 2026** at 1130 hours in the presence of the firms' authorized representatives.

4. The Bahria University may reject all bids or proposals at any time prior to the acceptance of a bid proposal by invoking rule 33 of PPRA – 2024.

5. Interested Bidder may visit the site prior submission of bids.

6. For any further information required, please contact Ph No. 051-9261930 & 9260002 Ext 1285.

SECTION I

STANDARD INSTRUCTIONS TO BIDDERS

The following data shall be applicable:

S No	Attribute	Details
1.	Name of Purchaser	Bahria University Head Office, Islamabad
2.	Purchaser's Address	Shangrilla Road, Sector E-8, Islamabad
3.	Collection of Bidding Documents from	Through • E-PADS • Project Coordinator Office, Bahria University Lahore Campus (47-C Civic Center, Johar Town, Lahore) • DD (Development), Bahria University Islamabad (Quaid Block Basement Room No.09)
4.	Price of Bidding Documents	Rs. 5000/- in shape of Pay Order. Non-refundable, receipt will be provided as per attached format.
5.	Communication / Correspondence	Director Planning & Development BUHO Shangrilla Road, Sector E-8, Islamabad Email address: dpd@bahria.edu.pk Tel: 051-20063257 / 051-9263409 & 051-111-111-028 Ext.1258, 1285, 1638 Fax: 051-9263409
6.	Bid Submission format	The bids and prices must be submitted on the formats set out in BOQs of this document. The bids submitted on different formats will be considered non-responsive and may be rejected.
8.	Submission of Bids	Bids are to be submitted on E-PADs only. Hard copy of uploaded documents and bid security in original amounting to Rs. 1,875,000/- (in the shape of Pay Order/Demand Draft/CDR) be deposited to this office before 1100 hours on 23 July 2026 .
9.	Non-Eligible Bidders	This Invitation for Bids is open to all eligible bidders, except as provided hereinafter. • Bidders, who have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consultancy for the preparation of the design, specifications, and other documents to be used under this Invitation for Bids. • Bidders under a declaration of ineligibility for corrupt and fraudulent practices.
10.	The price quoted shall be	DDP in Pak Rupees i.e. inclusive of all applicable taxes, transportation and labor charges, if any. If there is no mention of taxes, the offered/quoted price(s) will be considered as inclusive of all prevailing taxes/duties etc.

11.	Criteria for Technical Bids Evaluation	A committee of experts will be constituted for this purpose, which shall evaluate bids as per attached format, keeping in view the proposed material, design, firm's reputation based on previous working experience, if any, with Bahria University, and relevant experience during last five years.
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12.	Criteria for Commercial Bids Evaluation.	Total cost (inclusive of all applicable taxes, transportation and labor charges).
13.	Percentage for quantity increase or decrease	The quantity can be increased or decreased up to maximum of 15% as per client requirements for first/subsequent order.
14.	Execution	The Letter of Intent (LoI) will be issued to the technically qualifying lowest bidding firm who shall sign for its acceptance. The formal contract will be signed with mutual consent.
15.	Liquidated Damages	1% of the cost of entire order for every day up to maximum of 10 days. If work is not done even after penalty for 10 consecutive days, the university shall have the right to cancel the contract/work order and to give the contract to next lowest bidder on risk and expense of the contractor.
16.	Arbitration	The order/contract shall be construed according to the laws of Pakistan. Any difference of opinion or dispute arising between the parties in relation to the order/contract shall be settled amicably by both the parties. If not settled, the matter shall be referred to Rector Bahria University Islamabad as sole arbitrator whose decision shall be final and binding upon both the parties. No dispute once decided by the arbitrator shall be agitated in any court of Law.
17.	Termination	The EMPLOYER may terminate the Contract by giving 14 days written notice. Termination may occur if the Contractor fails to remedy performance deficiencies within the stipulated time, becomes insolvent or bankrupt, fails to comply with an arbitration decision, submits materially false statements affecting the Client's rights or breaches the contract BOQ's specifications. The Contract may also be terminated by the EMPLOYER if the Contractor is unable to perform substantial services for 30 days due to Force Majeure.
18.	Risk and Expense	In case the Contractor does not complete the works as per contract or leave the works abandoned as per stipulated time frame or extended time allowed under the provision of this Contract Agreement, the EMPLOYER reserves the right to select any other firm for completion of works. The difference of price, implicit or explicit, which the EMPLOYER has to pay extra than the amount of this Contract Agreement will be at the Risk and Expense of the Contractor. The difference shall be recovered from the Retention Money/Performance Security available with the EMPLOYER. In case the differential amount exceeds the available Retention Money/Performance Security, the remaining balance, after forfeiture/confiscation of the same, shall be recovered through arbitration.

19.	Defect Liability Period	a. The bidder must ensure that the construction/fixing method under this order are new and all the material/goods provided under this LOI shall be brand new and have no defect, arising from design, materials or workmanship. Any act or omission of the constructor, that develops some defect under prevailing weather conditions shall be liability of the contractor/vendor. b. One-year Defect Liability Period shall apply. c. Certificate of Defect Liability Period should be backed by the contractor. d. The client shall promptly notify the contractor in writing of any claims arising during the defect liability period. e. Upon receipt of such notice, the contractor shall, within the period specified, repair the defective parts without costs to the client. f. If the contractor, having been notified, fails to remedy the defect(s), within 10 days, the client may proceed to take such remedial action as deemed appropriate, at the contractor's risk and expense and without prejudice to any other rights which the client may have against the contractor under the Contract. g. Date of acceptance of the material by end user shall be reckoned for start of defect liability period.
20.	Secured Advance / mobilization Advance	Will not be made
21.	Engineer	Director P&D
22.	Payment Schedule	Minimum amount of the running IPC should be 05 Million and the payment shall be made within 30 days After Verification of Work by the Site Engineer or Project Director. Final Payment will be made after issuance of Acceptance Certificate by the Engineer in the shape of cheque within 56 days of completion of work. Payment will be made on actual quantity of work.
23.	Retention money	5% Retention money will be withheld for the Defect Liability Period i.e One Year.

SECTION II

SPECIAL INSTRUCTIONS TO BIDDERS

S No	Attribute	Details
a.	Name of Project	Construction Of Boundary Wall and Watch Towers at Bahria University Lahore Campus Dream Gardens Lahore
b.	Tender Published on	06 July 2026
c.	Medium	News Paper, EPADs, PPRA & BU Website
d.	Source of Funds	PSDP Funded Project
e.	Deadline for bid submission	23 July 2026 at 1100 hrs
f.	Time, date and place for bid opening.	23 July 2026 at 1130 hrs Bahria University Islamabad, Sector E-8, Islamabad.
g.	Bidding Procedure	Single stage two envelope procedure shall apply.
h.	Subject and file No.	Construction of Boundary Wall and Watch Towers at Bahria University Lahore Campus File No. BU/P&D/BW/WT/BULC/26/
j.	Acceptance of Works/Goods	A Committee of experts from the Director (P&D)/Site Engineer shall be constituted to inspect the works completed. The committee may use any source, tool or technique to test the work completed by the contractor. Payment would be made on production of the Acceptance Certificate issued by the Committee. The date of acceptance shall be reckoned as the date of completion/commissioning and same shall be reckoned as start of the Defect Liability Period.
k.	Visit to site	Interested parties may visit the site, for the preparation of bids and to seek any further information, any time before the closing date for bid submission. The university is open till 1400 hours each day except Saturday/Sunday or public holidays.

SECTION-III

Requirements/Criteria for Scoring Based Evaluation:

Mandatory Requirements/Criteria

Description	Evaluation Criteria	Result
Confirmation of Valid PEC Registration		
The Contractor must have a valid Pakistan Engineering Council (PEC) registration (C-3 Category) till 30-Jun 26 or later with 5 years'/above experience. (This is a mandatory requirement) - Valid PEC Registration as per the above = Qualified - No PEC Registration = Disqualified from the Pre-qualification process	Qualified/ Disqualified	
Valid Undertaking/Declaration of No Litigation/Blacklisting		
A fresh/original Undertaking (On Stamp Paper, duly signed and stamped by the Firm and duly notarized) declaring that the Firm (Contractor) has not been involved in any kind of litigation process up to the present. The Undertaking should also mention that the Firm has also not been blacklisted by any government authority/agency, semi-government, or any autonomous body to date. (This is a mandatory requirement). - Valid Undertaking (as per above) duly signed and stamped =Qualified - Invalid Undertaking Submitted = Disqualified.	Qualified/ Disqualified	
NTN Certificate		
A copy of the NTN Certificate and active Taxpayer shall be provided by the Bidder as a mandatory requirement.	Qualified/ Disqualified	

Note: The above qualification status shall be decided on a Pass/Fail basis.

A. Experience & Performance

S No	Description	Marks Assigned	Explanation for Marks
i.	Projects of similar nature and complexity were completed in the last Five (05) years with a minimum project value of PKR 45 million.	20	* Full Marks (20) are given if the contractor has completed at least 04 projects of a similar nature in the last Five (05) years. * For less than 4 projects Completed use the following weightage. $15 \times (A/4)$ A. No of projects of a similar nature Completed in the last 10 years B. No marks will be given in the absence of documentary proof.
ii.	Projects of similar nature and complexity in hand in the last 3 years with a minimum project value of PKR 45 million.	20	* Full Marks (20) are given if the contractor has 5 projects of a similar nature in hand in the last Three (03) years. For less than 5 projects in hand use the following weightage. $15 \times (A/4)$ A= No of projects of a similar nature in hand during the last ten years B= No marks will be given in the absence of documentary proof.
Total Marks Allocated			40

B. Personnel Capabilities

S No	Description	Marks Assigned	Explanation for Marks
i.	One B.Sc., Civil Engineer registered with Pakistan Engineering Council (PEC)	8	Full marks shall be given if at least one registered civil engineer with at least 08 years of overall experience is held with firm (Documentary proof i.e appointment letter is mandatory, salary slips and valid PEC registration)
ii.	Three Associate Engineers (Civil), each with at least 05 years of experience	12	4 marks for each Associate Engineer meeting the minimum 05 years of experience with documentary proof of company appointment letter and pay slip. Zero marks when the criteria mentioned above are not met (appointment letter, salary slips and valid degree proof).

Total Allocated Marks	20
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C. Equipment Capabilities

S.No.	Description	Nos	Mark Assigned	Explanation for Marks
i.	Excavator	01	2	Proof of acceptable ownership / rental agreement documents of purchased/rental/leased of each machinery/equipment.
ii.	Concrete Mixer Machine	01	2	
ii	Total Station	01	2	
iv.	5 KVA Generator	01	2	
v.	Steel Cutting Machine	01	2	

D. Financial Soundness

For Financial Status assessment, the Applicants may be required to submit Audited financial statements for the last Five (5) years or any other document that verifies their Financial Status.

S No	Description	Marks Assigned	Explanation for Marks
i.	Audit report of last five (05) years	5	Each year will have 1 Number with a maximum of 5
ii.	Income tax returns of last five years.	5	Each year will have 1 Number with maximum of 5. N.B. No marks will be given in the absence of documentary proof.
iii.	Working capital in the last 5 years	10	The marks distribution based on the project value is as follows. Considering X is the project value then the marks allocation shall be as follows: $X \geq 50$ million 10 Marks $X \geq 30$ million 06 Marks $X \geq 20$ million 04 Marks
iv.	Available Bank Credit Line	10	Bank maintenance certificate/ bank statement The marks distribution based on the project value is as follows. Considering X is the project value then the marks allocation shall be as follows: $X \geq 20$ million 10 Marks $X \geq 15$ million 7.5 Marks $X \geq 10$ million 05 Marks
Total Allocated Marks		30	

Key Notes on Evaluation Criteria:

- (1) For Technical Proposal/Bid Assessment, the Bidder/Contractor must secure an overall score of a minimum of 60 Points out of a Total of 100 Points and each category must secure a minimum of 50% Points in addition to meeting all Mandatory Requirements as stipulated in this Document.
- (2) The Contractor must fill out all the appendices/annexes of this Document with correct information along with relevant acceptable supporting documents of proof.
- (3) Lahore based firms will be given preference.

SECTION IV

SCHEDULE OF REQUIREMENTS

The Schedule stipulated hereafter shall constitute the period within which the Works are required to be completed, tested and accepted.

S. No	Detail of Works	Completion date
1.	Construction of Boundary Wall and Watch Towers at Bahria University Lahore Campus Dream Gardens Lahore	120 Days

SECTION V

BILL OF QUANTITIES

**CONSTRUCTION OF BOUNDARY WALL AND WATCH TOWERS AT BAHRIA
UNIVERSITY LAHORE CAMPUS DREAM GARDENS LAHORE**

SUMMARY OF COST

Sr.	Description of Work	Amount
A.	Total Cost of Boundary Wall	
B.	Total Cost of Watch Towers	
Total Amount		

BILL OF QUANTITIES
CONSTRUCTION OF BOUNDARY WALL AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE
CIVIL WORKS

S.No	Description of Work	Unit	Qty/Area	Rate	Amount
Scope (Application to all sections) Supply, installation, testing and commissioning of the following items of works, including all materials, labor, tools, accessories, including core cutting etc. required completion of each item as per specifications and as approved by Engineer.					
1	Demolishing existing brick boundary wall, including dismantling, segregation of serviceable bricks, cleaning of salvaged bricks for reuse, removal and disposal of unserviceable debris, and stacking of reusable bricks at designated locations as directed by the Engineer/In-Charge, complete in all respects.	Sft	25,000		
2	Excavation and backfilling in foundation of boundary wall and other structures with excavated earth, watering and ramming, and leveling of remaining earth	Cft	36,000		
3	Providing and laying of plain cement concrete (PCC 1:4:8), including placing and curing – complete job	Cft	3,600		
4	Providing and laying of RCC 3000 PSI cement concrete for retaining wall, footings, columns and beams, including placing, curing, formwork, shuttering, e.t.c – complete job	Cft	12,000		
5	Providing and fixing of steel reinforcement for cement concrete, including cutting, bending, cost of binding wire and labor charges for binding (Deformed bar Grade 60)	Kg	32,000		
6	Providing and fixing of pacca brick work in foundation, plinth and wall (cement sand ratio 1:4) – complete job	Cft	38,000		
7	Providing and laying masonry work in foundation, plinth and walls (excluding bricks), with Cement Sand Mortar (1:4), complete in all respects as per drawings, specifications and directions of the Engineer/In charge.	Sft	500		
8	Providing and fixing of internal and external plaster work (cement sand ratio 1:4) up to 15 ft height	Sft	72,000		
9	Providing and fixing anti-climb high quality galvanized razor cut wire, double sharp, 0.5 mm thick, spaced at 33 mm center-to-center, clad over 2.5 mm diameter high tensile core wire. The wire shall be formed into coil fencing of specified diameter with coils spaced at 4" center-to-center. The coils will be fixed on MS angle iron posts (size 1½" × 1½" × 3/16"), 2'-3" high. The work includes providing and welding 2 horizontal bars of 3/8" diameter with the angle iron posts, binding wire,	Rft	4,300		

	and painting of the complete framing complete in all respects.				
10	Providing and fixing of Weep holes in wall base (PVC pipe 2" dia @10 ft. c/c) – complete job	rft	380		
11	Providing, installation, testing and commissioning of 25 mm (1") dia heavy-duty PVC/GI electrical conduit fixed on wall complete with all accessories including bends, couplers, saddles, junction/connector boxes at approximately 50 ft intervals, pull wire, supports, fasteners and all necessary fittings, complete in all respects as per approved drawings, specifications and the directions of the Engineer-in-Charge	rft	380		
12	Providing and fixing Precast H columns made by Izhar/Banu Mukhtar, complete in all respect as approved and directed by the engineer in charge	Rft	90		
13	Providing, obtaining approval, and installation of a 3-Phase WAPDA electricity connection, including payment of demand notice charges, submission of all required documents, liaison with concerned authorities, installation of meter, testing, commissioning, and completion in all respects.	job	1		
14	Providing, installation, testing and commissioning of 12-inch dia water bore, including boring, casing pipe, submersible motor/pump, necessary accessories, electrical connections, and all allied works required for complete and satisfactory operation in all respects	Rft	400		
15	Providing, fabricating and fixing M.S. Gate comprising main frame of 1.5" × 3" M.S. section and internal frame of 1" × 1.5" M.S. section, including cutting, welding, grinding, fitting, necessary hardware, one coat of red oxide primer, two coats of enamel paint, and all allied works required for complete installation, testing and commissioning in all respects.	Sft	650		
16	Providing, repairing, realigning and re-fixing existing M.S. gates, including replacement of required hardware, hinges, locks, handles, welding works, adjustments, surface preparation, one coat of primer and two coats of enamel paint, and all allied works necessary to make the gates fully functional, complete in all respects.	Job	2		
GRAND TOTAL					

BILL OF QUANTITIES

CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE

SUMMARY

S/N	DESCRIPTION	AMOUNT (Rs.)
1	CIVIL WORKS	
2	PUBLIC HEALTH WORKS	
3	ELECTRICAL WORKS	
	GRAND TOTAL:	

BILL OF QUANTITIES**CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS**
DREAM GARDENS LAHORE
CIVIL WORKS

S.No	Description of Work	Unit	Qty/Area	Rate	Amount
Scope (Application to all sections) Supply, installation, testing and commissioning of the following items of works, including all materials, labor, tools, accessories, including core cutting etc. required completion of each item as per specifications and as approved by Engineer.					
1	Excavation in foundation of building and other structures, including Dag belling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain 100ft and lift up to 5 ft in ordinary soil.	Cft	6,400		
2	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture) content in layers, etc. complete: i) 95% to 100% maximum modified AASHO dry density.	Cft	4,000		
3	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	per sft	5,000		
4	Cement concrete Ratio 1: 4: 8 plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate	Cft	438		
5	Reinforced cement concrete in roof slab, footing retaining wall, share wall beams, columns lintels, girders and other structural members laid in situ or precast laid in position, (including shuttering / foam work) or restressed members cast in situ, complete in all respects: -	Cft	3,700		
6	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labor charges for binding of steel reinforcement (also includes removal of rust from bars) (c) Deformed bar (Grade 60)	Per Kg	12,000		
7	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (b) with 2 coats of bitumen ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	480		

8	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (b) with 2 coats of bitumen: - ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	54.60		
9	Providing and fixing foundation / ground and first floor Pacca brick work in foundation and plinth in:-Cement, sand mortar:-Ratio 1:6	Cft	4,100		
10	Supplying and filling sand under floor; or plugging in wells	Cft	4,000		
11	Providing, laying, watering and ramming brick ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25 % sand, for floor foundation, complete in all respects	Cft	160		
12	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over ¾"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer In charge. c)Semi glazed Tiles 300mmx300mm	Per Sft	800		
13	Providing and laying 16"x4" superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over ½"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer In charge. (ii) half body tile 300 mmX300 mm	Per Sft	280		
14	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over ½"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer i)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Per Sft	1,680		
15	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Colored) i) 50mm thick	Per Sft	640		

16	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window sills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer In charge.	Per Sft	120		
17	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b)1:3	Sft	1,500		
18	Cement plaster 1:5 on (internal walls) upto 20' (6 m) height, b)1/2" (13 mm) thick.	Sft	18,008		
19	Cement plaster 1:4 on (external walls) upto 20' (6 m) height,c) 3/4" (20 mm) thick.	Sft	6,000		
20	Providing and fixing MS Door with 16SWG MS steel along with frame and hardware including red oxide and enamel paint complete job.	Per Sft	400		
21	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge . a) Brass i)10" (250 mm) long	Each	8		
22	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	Sft	20,512		
23	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: - 3 Coats New Surface	Sft	6,300		
24	Providing and fitting all types of glazed aluminum windows of anodized/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardwareetc. Aluminum Fly screen comprising of Fiber /Aluminum wire gauze (Malaysian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardware as approved and directed by the engineer in charge. complete in all respect.	Per/Sft	336		

25	Providing and laying of Zero chips including 4X4ft Box of 1" Marble patti including 1:2:4 average thickness of 3" complete job etc	Sft	1,040		
26	Providing and laying high density single profile Spanish glazed tapered barrel type of 4"- 5-1/2" dia Terra Cotta Khaprail Tile dipped or sealed with a water repellent, with Terra Cotta base plate (10"x16"), resistant to salt attack laid with laps and duly interlocked on slopping roof over 1/2" thick (1:3) cement sand mortar i/c cost of all material and labor complete in all respect as approved and directed by the Engineer In charge.	Per Sft	1,040		
27	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	8		
28	Providing and fixing uPVC Door, including PVC door frame, with hinges, latch lock, tower bolt, handle & hardware manufactured by ("FRAMEZ, ZEALCON" or approved equivalent) complete in all respects, and as per sample approved by The Engineer.	Per/Sft	280		
29	Providing and fixing CGI. Sheet hollow pressed 'frame of doors, '(Chow khat only) full jam of 10½"x 2" single rebate of M.S 14 SWG with i/c 4 No's 5" long C.P hinges screwed / welded M.S flat iron 2" x 1/8" in back of hinges welded inside i/c 3/8" dia bars 2 No's bottom with 6-No's 6" long hold fast angle iron 1.5"x1.5"x3/16" also back fill with P.C.C 1:2:4 i/c painting with red oxide and bitumen coating on surface touching with concrete, complete in all respects as per drawings and Specifications and as per sample approved by the Engineer.	Per Rft	260		
30	Providing and Fixing Chicken Wire Mesh (12" Wide) for horizontal and vertical joints of masonry and concrete with nails and screws i/c all cost of labor and material complete in all respects, as approved by The Engineer.	Per/Rft	1,000		
31	Providing and fixing Ms Stair (monkey ladder) angle size 1/2"x1/2"x1/2"" on both side, step checkered plate 14 Gauge and one side Ms pipe railing complete in all respects, and as per sample approved by The Engineer.	job	8		
	Grand Total				

BILL OF QUANTITIES

CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE

S/N	DESCRIPTION	AMOUNT (Rs.)
1	PUBLIC HEALTH WORKS	
	TOTAL COST	

BILL OF QUANTITIES
CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE
PUBLIC HEALTH WORKS

S.No	Description of Items	Unit	Qty	Rate	Amount
Scope (Application to all sections) Supply, installation, testing and commissioning of the following items of works, including all materials, labor, tools, accessories, including core cutting etc. required completion of each item as per specifications and as approved by Engineer					
1	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white ii) 580 mm × 440 mm (22" × 17") or as approved by Engineer Incharge	Each	8		
2	Providing and fitting plastic made low down flushing cistern 13.63-liter (3 gallons) capacity, including bracket set, copper connection, etc. complete. i) white	Each	8		
3	Providing and fitting "P" trap: - ii) 10 cm (4") glazed.	Each	8		
4	Providing and fixing, chromium plated toilet paper holder	Each	8		
	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.		8		
5	i) white, with pedestal	Each	8		
6	Providing and fixing CP bath Room Set made of Sonex /Master/Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge.		8		
	(ii) Lever Type Basin Mixer	Each	8		
	(v) Muslim shower	Each	8		
7	Providing and fixing chromium plated tee stop cock 15mm (½")	Each	24		
8	Providing and fixing, iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing	Each	8		
9	Providing and fixing, chromium plated towel rail: -	Each	8		

	i) 60 cm (24") long, and 2 cm (¾") dia				
10	Providing and fixing, chromium plated soap dish.	Each	8		
11	Providing and fitting 10cm (4") gully trap, including cement concrete, cost of PVC grating 15 x 15 cm (6"x 6") and masonry chamber 30x30cm (12"x12")	Each	8		
12	Providing, fixing, jointing and testing Polypropylene Random (PPR) pipes, VODA PIPES/(Polydex by DADEX) or approved equivalent, pressure pipe for cold/hot water as per DIN 8077-8078,PN-20 for pipes and DIN 16962,PN-25 for fittings (polyfusion welded joints) inside building including fittings and specials (sockets, tees, elbows, bends, crosses, reducers, adaptor, plugs and union etc.) supported on walls or suspended from roof slab or run in chases including pipe hangers, supports, cutting and making good the chases and holes, complete in all respects.				
	25mm dia	Rft	240		
	32mm dia	Rft	64		
13	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex / Master best quality or equivalent complete in all respect as approved and directed by the Engineer In charge.				
	1" dia	Nos	8		
	1-1/4" dia	Nos	8		
14	Providing, fixing, testing and commissioning of µ-PVC (Plasticized polyvinyl Chloride) Nikasi / waste pipe make of dadex /Popular/Beta/BBJ plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. Type(SDR 32.5/SN-8)				
	2"(60 mm)	Rft	80		
	3"(85 mm)	Rft	64		

	4"(110 mm)	Rft	48		
	6"(110 mm)	Rft	80		
15	Providing, fixing, testing and commissioning of μ -PVC (Plasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of dadex /Popular/Beta/BBJ conforming to code EN-1401 including the cost of Solvents complete in all respect as approved and directed by the Engineer In charge. c) Vent Cowel				
	2" dia	Nos	8		
16	Providing, fixing, testing and commissioning of μ -PVC (plasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of dadex /Popular/Beta/BBJ conforming to code EN-1401 including the cost of Solvents complete in all respect as approved and directed by the Engineer In charge. b) Multi-Trap				
	4" dia	Nos	16		
17	Providing and fixing best quality distortion free imported Belgium glass (beveled) mirrors 5mm thick (24"x24"), with hard board backing, chromium plated screws/brackets, complete in all respects as per specifications and drawings.	Sft	48		
18	Providing and installing Gas geyser "CANON" or approved equivalent including fitting & fitting accessories, complete in all respect as per specifications and drawings.				
	06 Liter Electric Geyser	Nos.	0		
19	Construction of RCC square masonry manhole (2'x2') including cover and frame, upto 5 ft depth and connection with the existing manhole.	Nos.	8		
Total Cost:					

BILL OF QUANTITIES
CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE
ELECTRICAL WORKS

S/N	DESCRIPTION	AMOUNT (Rs.)
1	ELECTRICAL WORKS	
	TOTAL COST:	

BILL OF QUANTITIES
CONSTRUCTION OF WATCH TOWERS AT BAHRIA UNIVERSITY LAHORE CAMPUS
DREAM GARDENS LAHORE

ELECTRICAL WORK

S.No.	Description of Items	Unit	Qty	Rate	Amount
Scope (Application to all sections) Supply, installation, testing and commissioning of the following items of works, including all materials, labor, tools, accessories, including core cutting etc. required completion of each item as per specifications and as approved by Engineer					
1	Supply, installation and commissioning of light circuit wiring, to be wired with 3x2.5mm sq. (1P+1N+1PE) PVC insulated 300/500 V grade wire make Pakistan Cable, Newage cables, Fast Cables in and including cost of 1" dia. heavy duty PVC conduit make Beta, Popular recessed in, walls, Roof slab, or on surface or above false ceiling or as required as per site conditions, all PVC conduit accessories, pull boxes, steel pull wires, complete in all respects. Each circuit shall have independent PE.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe/wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) 1x 2.5 mm (7/0.029")	Rft	2,400		
	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) 25mm	Rft	600		
2	Same as Item No. A.01 mentioned above but wiring from Switch Board to Switch Board in and including cost of 1" dia. heavy duty PVC conduit make Beta, Popular recessed in, walls, Roof slab, or on surface or above false ceiling or as required as per site conditions, all PVC conduit accessories, pull boxes, steel pull wires, complete in all respects. Each circuit shall have independent PE.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe/wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) 1x 2.5 mm (7/0.029")	Rft	360		

	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) 25mm	Rft	88		
3	Wiring of one light point controlled by one switch and wired with 3x1.5 mm sq. (P+N+PE) PVC insulated wires 300/500 V. grade make Pakistan Cable, Newage Cables, Fast Cables in and including cost of 3/4" dia. heavy duty PVC conduit make Beta , Popular installed on RCC slab, above false ceiling, recessed in wall, columns slabs or above light carrier all PVC conduit accessories, 3" high PVC junction boxes, pull boxes, steel pull wires, PVC flexible conduit from ceiling junction box to light fixture flush type plate switches, including cost of back boxes and switches of 10 Amps.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe\wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) 1x 1.5 mm (3/0.029")	Rft	1,920		
	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) Cost of 20mm	Rft	640		
4	Same as per item No. A.02 but Loop wiring of a light point from first light point on same switch circuit, complete in all respects.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe\wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) 1x 1.5 mm (3/0.029")	Rft	720		
	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) 20mm	Rft	240		
5	Same as Item No. A.02 mentioned above but wiring of exhaust fan point including cost of 10 Amp switch with M.S box 16 SWG with earth terminal.				

	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe\wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) Cost of 1x 1.5 mm (3/0.029")	Rft	360		
	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) Cost of 20mm	Rft	120		
6	Same as Item No. A.02 mentioned above but wiring of wall Bracket fan point including cost of 10 Amp switch with M.S box 16 SWG with earth terminal.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M. S conduit G.I pipe\wooden strip batten/wooden casing and capping/G. I wire/trenches (rate for cables only) i) 1x 1.5 mm (3/0.029")	Rft	360		
	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc., complete in all aspects ii) 20mm	Rft	120		
7	Supply and wiring of one 3pin 13 Amps light plug socket outlet point from Nearest Switch Board with single core 2x2.5mm ² (P+N) PVC insulated 300/500 volt grade cable in & including PVC conduit recessed in walls/R.C.C. slab, or installed on surface of Ceiling, all conduits accessories, junction boxes, pull boxes etc. 2.5mm ² cable as PC excluding cost of 3 pin 13 Amps switch & socket outlet make CLIPSAL, Legrand , ABB or approved equivalent installed on & including 16 SWG sheet steel board recessed in walls complete in all respects and as per specifications & drawings.				
	Supply and erection of single core PVC insulated copper conductor cables in pre laid PVC pipe/M.S conduit G.I pipe\wooden strip batten/wooden casing and capping/G.I wire/trenches (rate for cables only) i) 1x 2.5 mm (7/0.029")	Rft	240		

	Supply and erection of PVC pipe for wiring recessed in wall including inspection boxes pull boxes, hooks, cutting jharries, and repairing surface, etc, complete with all specials ii) 25mm	Rft	80		
8	Supply and erection of ceiling rose, Bakelite	Each	32		
9	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer In charge	Each	8		
10	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer In charge.				
	(i) 02 Gang	Each	8		
	(ii) Three pin Light Plug 10/13 Amp	Each	8		
	(iii) 04 Gang	Each	8		
11	P/F PVC concealed Switch kit Box i/c the cost of screws completes as approved and directed by the Engineer In charge				
	(i) Small	Each	8		
	(ii) Large	Each	8		
12	Providing, installation, testing and commissioning of the following lighting fixture including all accessories like mounting arrangement, electronic ballast, driver circuitry etc. Complete in all respects. General Technical Specification includes color temperature ranging from 2700K to 6000K (As per the Consultant / Architect Approval), CRI:80, having lumen efficacy of at least 80 lumen/watt and operational power factor of 0.9				
	Supply and installation of Surface Mounted Down light fixture with 13-watt SMD Down lighter, complete with all necessary materials / accessories, complete in all respects	No	8		
	Supply and installation of LED Tube Light with 2x18 w, complete with all necessary materials / accessories, complete in all respects	No	8		

	Supply and installation of LED Flood Light 100 Watt, complete with all necessary materials / accessories, complete in all respects	Nos.	32		
13	Providing, supplying, installing, testing and commissioning of 18" wall-mounted bracket fan, including all necessary mounting brackets, fasteners, wiring connections, accessories and allied works required for proper installation and operation, complete in all respects.	Nos.	8		
14	Providing and fixing Exhaust Fan of size 12" × 12", including all necessary mounting brackets, fasteners, wiring connections, accessories and allied works required for proper installation and operation, complete in all respects.	Nos.	8		
	Total Cost:				

MANDATORY REQUIREMENT

1. Prices are to be quoted on form and format provided by Bahria University.
2. The same is to be filled with Ball Point with hand writing in Price and Total Amount Column.
3. All Taxes/Transportation charges etc. are to be included in the Total Cost Column.
4. No erasing/cutting in Total Cost Column is allowed.
5. The Grand total must be calculated arithmetically.
6. Where subtotal or section total is required, the same is also to be calculated and clearly written.
7. The Contract Agreement shall be executed within seven (07) days upon submission of a Performance Security equivalent to ten percent (10%) of the Contract Price, in the form of an AA-rated insurance guarantee in favour of the Director (P&D)
8. Section V (BoQs), serially numbered and stamped, is to be submitted in original to obviate any queries.
9. Re-typed/re-generated format of BoQs by Supplier/Contractor are unacceptable and will make the bid non-responsive.
10. Bid Security amounting to Rs. 1,875,000/- in the favor of Bahria University Islamabad.
11. Bid validity 90 days.

SPECIAL CONDITIONS

1. All jobs will be approved by Project Engineer.
2. Project will be completed within 120 days after Contract Agreement.
3. Minimum amount of the running IPC should be 05 million and the payment shall be made within 30 days after verification of work by the Site Engineer or Project Director.
4. Final Payment will be made after issuance of Acceptance Certificate by the Engineer in the shape of cheque within 56 days of completion of work. Payment will be made on actual quantity of work.
5. The contractor will be responsible for any breakage/damage during execution and acceptance of the work.
6. Contractor's representative/supervisor must be present at site during project activities.
7. All safety precautionary measures should be adopted at site during job by the contractor. Contractor will be responsible of any kind of incident/mishap if happened.
8. Provision of water, electricity and other amenities required at site during construction will be the responsibility of contractor
9. The contractor will be responsible for repair/replacement of items damaged/broken during the job.
10. Shop Drawings and as Built Drawings are responsibility of Contractor as per requirement of Site Engineer.
11. No joint venture (JV) is allowed.
12. Interested Bidder will be facilitated to visit the site prior submission of bids.
13. Material List:
 - a. Steel (Ittehad, FF steel or Lahore Steel)
 - b. Sand (Chenab)
 - c. Cement (Best way, Fauji or Askari)
 - d. Crush (Sargodha)
 - e. Paint (ICI, Berger)
 - f. MS Framing (16 Gauge)
 - g. Wiring (Newage Cables, Fast Cables)
 - h. Light (Phillips, Osaka)
 - i. Fitting (Clipsal, Orange)
 - j. Fans (Pak Fan, GFC)
 - k. Indian Seat WC (Asian, Master Fit)
 - l. Plumbing Accessories (Faisal, Sonex)
 - m. Pipes (Dedex, Master Fit, Beta)

SECTION VII STANDARD FORMS

a. BID FORM

To:

[name and address of Purchaser]

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver [description of goods and services] in conformity with the said bidding documents for the sum of [total bid amount in words and figures] or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we hereby agree that our Bid Security as being provided herewith this "Bid Form" will remain with the Purchaser.

We also agree to abide by this Bid for a period of [number] days from the date fixed for Bid opening, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 20____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

b. PRICE SCHEDULE IN PAK. RUPEES

Name of Bidder _____. IFB Number _____. Page ____ of ____.

S#	Detail of Items	Amount of Total Work	Bid Security Amount.
1.	Construction of Boundary Wall and Watch Towers at Bahria University Lahore Campus Dream Gardens Lahore		Rs. 1,875,000/-

Name of Bidder / Firm:

Signature _____

Date: _____

Seal:

RECEIPT:

Received a Bank Draft / Pay Order of Rs. 5000/- (Rupees Five Thousand only) as non-refundable from Mr. _____, Mobile No. _____
_____ on account of Tender Documents supplied to M/s _____
_____ Address _____
_____ in response to Bahria University Tender Notice.

Receipt No. _____

Date _____

For Purchase Officer

RECEIPT:

Received a Bank Draft / Pay Order of Rs. 5000/- (Rupees Five Thousand only) as non-refundable from Mr. _____, Mobile No. _____
_____ on account of Tender Documents supplied to M/s _____
_____ Address _____
_____ in response to Bahria University Tender Notice.

Receipt No. _____

Date _____

For Purchase Officer