



Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad
(Ph: +92-51-9269538- Ext- 214)



**TENDER DOUCMENTS FOR RENOVATION OF WASHROOM IN FBISE
PREMISES AND MAINTENANCE OF FBISE FLATS**

Name of Work	Estimated Cost (PKR)	PEC Cat:	Anticipated Time of Work
Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats	15 Million	Min-C-5	03 Months

Detail of Work	Pages
Cover Page	1
Summary of Cost	2
Tender Notice	3-5
Terms & Condition for the Submission of Tender	6
General Condition	7
Contract Agreement	8-9
Bill of Quantities (BOQ) i. Civil Works ii. Maintenance Work of FBISE Flats	10-23
Total Pages	23


(SHAHAB-UD-DIN)
Deputy Secretary (Estate)



Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad
(Ph: +92-51-9269538- Ext- 214)



RENOVATION OF WASHROOM IN FBISE PREMISES AND MAINTENANCE OF FBISE FLATS		
SUMMARY OF COST		
S.No.	DESCRIPTION	AMOUNT Rs.
1.	Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats	
TOTAL COST		
Total Amount in Words:		

IMPORTANT INSTRUCTION: -

1. Enclose copy of GST Registration/ Sales Tax.
2. Incomplete tender documents shall not be entertained/ included in the competition.
3. Tampered or overwritten rates are not acceptable.
4. Enclose Copy of Experience/Completion Letter of the same nature renovation project is mandatory.


(SHAHAB-UD-DIN)
Deputy Secretary (Estate)

1. Bidder's Income Tax No. _____ 2. Earnest money amount to
Rs. _____ 3. Bank Draft No. _____ dated _____

I shall abide by the terms & conditions of the tender documents

Name _____ Phone# _____

Address _____

SIGNATURE & SEAL OF THE FIRM



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No. FBISE-11-5756-000361/240

July 29, 2024

TENDER NOTICE

Sealed tenders (One Stage one envelope) are invited for Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats as per tender documents.

2. The Interested firms registered with Pakistan Engineering Council (PEC) and Income Tax, Sales Departments and are on Active Tax Payers List (ATL) of FBR may quote the rates of the tenders on e-PADS and in sealed cover envelope duly inscribed as under:-

“Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats”

3. Tender documents containing terms and conditions for Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats above said tender documents can be collected from the Assistant Secretary (Estate), FBISE on any working day during office hours (9:00 AM to 3:00 PM). Fee Challan can be printed from www.fbise.edu.pk and submitted in any branch of HBL for tender document fee is Rs.2000/- (Rupees two thousand) (non-refundable).

4. The sealed tender(s) document along with earnest money which is Rs.750,000/- shall be submit on e-PADS and hardcopy in the FBISE before 15-08-2024 at 11:00AM. Tender will be opened on same day at 11:30AM in presence of tenderer/representatives.

5. This advertisement is also available on PPRA and FBISE’s websites. The bidders are requested to frequently visit the websites for any updates/amendments.

DR. BASHIR KHAN YOUSAFZAI
SECRETARY (FBISE)
Phone# 051-9269502



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No. FBISE-11-5756-00036/240

July 29, 2024

Deputy Director III (PPRA)
Public Procurement Regularity Authority
(Cabinet Division)
F.B.C. Building G-5/2,
ISLAMABAD

SUBJECT: PUBLICATION OF TENDER NOTICE ON PPRA'S WEBSITE

Dear Sir,

Tender Notice for “Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats” is enclosed for the advertisement.

2. You are, requested to advertise the tender Notice, on PPRA's Website as required vide Rule 12 of the Public Procurement Rules 2004.
3. Subsequent to advertisement of the tender notice, bill may please be forwarded to this office for payment, please.
4. In Case of any quarry please contact us at Phone number 051-9269538.

Yours faithfully,

DR. BASHIR KHAN YOUSAFZAI
SECRETARY (FBISE)
Phone# 051-9269502



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No. FBISE-11-5756-00036/240

July 29, 2024

Director (Advertisement)
Press Information Department
Zero Point
ISLAMABAD

SUBJECT: PUBLICATION OF TENDER NOTICE

Dear Sir,

Tender Notice regarding **“Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats”** is enclosed for the publication in (02) daily local Newspapers, one English and one Urdu.

2. Every possible care must be taken in maintaining the accuracy of the tender notice, during its proof reading and publication.
3. Subsequent to publication of the Tender notice, bill may please be forwarded to this office for payment.
4. In Case of any quarry please contact us at Phone number 051-9269538.

Yours faithfully,

DR. BASHIR KHAN YOUSAFZAI
SECRETARY (FBISE)
Phone# 051-9269502



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TERMS AND CONDITIONS FOR THE SUBMISSION OF TENDERS

1. The firms registered with Pakistan Engineering Council and on Active Taxpayer list (ATL) of FBR and e-PADS (e-Pak Acquisition and Disposal System) on PPRA are eligible to participate in the tender.
2. Tenders must be sealed and addressed to the Secretary, Federal Board of Intermediate & Secondary Education, H-8/4, Islamabad. Unsealed Tenders are liable to be rejected. Conditional Tender shall not be entertained.
3. The word **Tender for Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats** must clearly be written on top of the envelope.
4. Tenders will be received **upto 15-08-2024** at 11:00 AM and will be opened on the same day at 11:30 AM.
5. **Viewing the tender and its completion by e-PADS (e-Pak Acquisition and Disposal System) is facilitating on PPRA website.**
6. **The filing & submission of tender is necessary in hard copy and also on e-PADS (e-Pak Acquisition and Disposal System).**
7. No tender will be accepted without earnest money @ Rs. 750,000/- of any schedule Bank drawn in favour of the Secretary, Federal Board of Intermediate & Secondary Education, H-8/4 Islamabad which will be refunded after three months of the successful completion of job.
8. The earnest money will be forfeited if the tenderer fails to honour his quoted rates, or if he does not abide by other terms and conditions of the job.
9. The successful party will have to sign an agreement on a judicial paper having stamp of notary public worth Rs. 100 (Rupees one hundred only) to be purchased by the tenderer.
10. The Tenderer shall also have to complete the job as per agreed schedule. In case of delay, deposited earnest money will be forfeited.
11. **All applicable taxes will be deducted at source as per Government Rules.**
12. In case of any dispute the Chairman of the Federal Board shall be the final authority to give decision.

Note: The Tenderer shall quote the rates of items corresponding to the specification mentioned in the Tender document only.

DR. BASHIR KHAN YOUSAFZAI
SECRETARY (FBISE)
Phone# 051-9269502

Name of Firm _____ Address _____

NTN No. _____ Contact No. _____ Date, _____

Signature & Stamp



Federal Board of Intermediate and Secondary Education H-8/4, Islamabad

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ٹینڈر شرائط برائے ری نویشن آف واش روم اور مینٹیننس آف فلیٹس

- i. ری نویشن آف واش روم اور مینٹیننس آف فلیٹس کا کام درک آڈر ملنے کے بعد 3 ماہ میں مکمل کرنا ہوگا۔
 - ii. کام کے دوران کچرے اور ویسٹ میٹرل کو بورڈ ہذا کی بلڈنگ سے دور کسی مناسب جگہ ضائع کرنا متعلقہ کنزیکیٹر کے ذمے ہے۔
 - iii. جو امور یکساں نوعیت / سہولت کے مطابق ایک وقت ہو سکتے ہیں انہیں یکساں جاری رکھنا ہے۔
 - iv. بھاری مشینری مثلاً گرائینڈر، ہلٹی کا کام دفتری اوقات کار کے بعد کرنا ہے۔
 - v. کسی بھی ضروری مشینری کو متعلقہ کام کے شروع ہونے سے ایک دن قبل فیڈرل بورڈ کے دفتر میں پہنچانا ضروری ہے۔
 - vi. کام جلد از جلد ختم کرنے کیلئے ڈبل شفٹ / زیادہ تعداد میں مستری مزدور لگانا ٹھیکدار کی مکمل ذمہ داری ہے۔ اور زیادہ تر کام دفتری اوقات کے بعد ہوگا۔
 - vii. سرکاری اور غیر سرکاری چھٹیوں میں یا دیگر ایسے حالات میں بھی کام کا تو اتنا رہنا چاہیے۔
 - viii. کام کے دوران سائٹ کے پاس اضافی کچرے ساتھ ساتھ اور کام مکمل ہو جانے کے بعد فی الفور سائٹ صاف کر کے دفتر کے حوالے کرنا متعلقہ کنزیکیٹر کی ذمہ داری ہے۔ اور کام والی جگہ کو کسی رکاوٹ / پردہ سے کور کر کے کام کرنا ہوگا تاکہ دفتری امور متاثر نہ ہوں۔
 - ix. کام ختم ہونے کے 3 یوم کے اندر اندر مشینری اور متعلقہ آلات وغیرہ کو فیڈرل بورڈ سے باہر لے جانا لازم ہے۔
 - x. میٹرل کی سپلائی دفتری اوقات کار کے بعد دی جائے۔
 - xi. مجاز افسر کو BOQ (Bill of Quantity) کی مقدار میں کمی بیشی کرنے کا اختیار ہے۔
 - xii. ٹھیکدار اور انجینیر کی کام کی جگہ پر موجودگی ضروری ہے۔
 - xiii. ٹھیکدار اپنا ورک پلان / شیڈول ٹینڈر کاغذات کے ہمراہ جمع کروانے کا پابند ہے۔
- میں نے درج بالا تمام ٹینڈر شرائط بغور پڑھ / سمجھ لیے ہیں اور ان پر عملدرآمد کیلئے مثبت کوشاں ہوں گا۔

نام ٹھیکدار _____ دستخط بمعہ تاریخ _____
شناختی کارڈ نمبر _____ فون نمبر _____

فیڈرل بورڈ آف انٹرمیڈیٹ اینڈ سیکنڈری ایجوکیشن اسلام آباد

فون نمبر: 051-9269502



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AGREEMENT

This agreement is made on _____ -2024 between Secretary Federal Board of Intermediate and Secondary Education, Islamabad for the 1st party (Hereinafter called the Board) and **M/S** _____

(Hereinafter called the Contractor) or the 2nd party. Whereas the FBISE, Islamabad is desirous “Renovation of Washroom in FBISE Premises and Maintenance of FBISE Flats”, Islamabad and has accepted the tender submitted by the contractor for the execution of said work.

Now this agreement witness as follows:-

2. In this Agreement works and expressions shall have the same meaning as are respectively assigned to them in the conditions of Contract hereinafter referred to.

3. The following documents for the purpose of identification have been signed by **Mr.** _____ and Secretary Board on behalf of all of which shall be deemed to firm and be read and constructed as part of this agreement, viz.

- A. The said Quotation/ Tender.
- B. The Drawing Specifications.
- C. The Bill of Quantities.
- D. Terms & Conditions.

4. The Contractor undertakes to complete the job according to the specifications, assigned/ shown to the contractor within **03 Months** after the receipt of work order/Agreement. In case of delay the Chairman reserves the right to impose a penalty each day of delays @ Rs. 1% to 10% (for 10 days 2%, for 20 days 4%, for 30 days 7% above 30 days 10%) of the amount of incomplete work.

5. If the work is not done according to the satisfaction of the Board, the Chairman shall have the right to cancel the order and get the work done by some other party at the cost and risk of the contractor. If the Board has to pay any amount excess of the agreed amount the difference shall be recovered from the contractor.

6. If the work is not executed according to the satisfaction of the 1st party, the Chairman reserves the right to reject altogether or impose a penalty not exceeding 50% of the amount of contract.

7. The contractor will replace any item not found according to the specifications at any time during the use of the same at his own cost, failing which the earnest money shall be forfeited. In addition, the Chairman may impose any penalty, deemed fit for the inconvenience, caused to the Board.

8. The payment would be made in accordance with the actual measurements to be calculated after the completion of work.

9. The Contractor shall not claim any amount beyond the work order/ tender as settled between the parties.



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10. In case of any dispute between the parties arising out of this contract, the same shall be referred to the Chairman Federal Board of Intermediate and Secondary Education Islamabad as sub arbitrator, whose decision shall be final and binding on both the parties.

11. The payment would be made as per following sequence:

The each bill will not less than 5 Million as per BOQ rate duly verified as per actual measurement on site duly verified sub Engineer.

12. The contractor undertakes to carry out 15% additional work as per PPRA rules on same rates if required by this office.

1. The Contractor will depute Supervising Engineer at site, should be qualified and have at least diploma of Associate Engineer having experience of civil works.

2. At any cost no advance payment will be requested by the contractor.

IN WITNESS WHERE of the parties hereto have hereunto set their respective hand and seals the day and year first above written.

Signed Sealed and Delivered by the:

FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, H-8/4, ISLAMABAD

SECRETARY
(FBISE, ISLAMABAD)

Signed by in the presence of

For and on behalf of

Signed by in the presence of,



**Federal Board of Intermediate and Secondary
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**RENOVATION OF WASHROOMS IN FBISE PREMISES AND
MAINTENANCE OF FBISE FLATS**

CIVIL WORKS

Sr. #	Description	Qty	Unit	Rate	Amount
01.	<p><u>DISMANTLING</u></p> <p>a) Dismantling of concrete floor, brick work, including old PPR, GI, PVC Pipe at any floor and disposal of all waste material from the site.</p> <p>b) Dismantling of old Bathroom Tiles walls/ floor at any floors and disposal of all waste material from the site.</p> <p>c) Dismantling/ removal of old Chowkat, and Doors etc stacking of useable material and disposal of all waste material.</p>	4250	CFT		
		9000	SFT		
		70	No's		
02.	<p><u>P.C.C. (1:4:8) UNDER FLOOR</u></p> <p>Providing, and laying cement concrete not leaner than (1:4:8) using screened crushed stone graded aggregate 3/4 inch (19 mm) and sand from approved source in foundations, including form work and its removal, compacting, levelling and curing etc. complete as directed by the Engineer Incharge.</p>	1700	CFT		
03.	<p><u>P.C.C. (1:2:4) UNDER FLOOR</u></p> <p>Providing, and laying cement concrete not leaner than (1:2:4) using screened crushed stone graded aggregate 3/4 inch (19 mm) and sand from approved source in foundations, including form work and its removal, compacting, levelling and curing etc. complete as directed by the Engineer Incharge.</p>	675	CFT		
04.	<p><u>BRICK MASONRY FOR PARTITION WALLS</u></p> <p><u>I) 9"~ 13.5" THICK WALLS</u></p> <p>Providing and laying first class solid burnt brick masonry, set in cement mortar (1:5) for</p>	300	CFT		



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	arches in straight or curved wall 9”to 13 ½” (229mm to 343mm) thick including scaffolding, formwork and its removal, racking out joints and curing etc. including the cost of L shape bracket on every 8 th course complete in all respect or as directed by the Engineer in charge.				
05.	<u>II) 4-1/2" THICK WALLS</u> Providing and laying first class solid burnt brick masonry, set in cement mortar (1:5) for arches in straight or curved wall including scaffolding, formwork and its removal, racking out joints and curing etc. including the cost of L shape bracket on every 8 th course complete in all respect or as directed by the Engineer in charge.	425	CFT		
06.	<u>PLASTER</u> Providing 13mm thick cement plaster (1:4) on soffits of cantilever slabs, sides and soffits of beams, slabs R.C.C and brick walls (using Lawrence pur sand) etc., in any floor including making edges, corners, curing staging and scaffolding etc. including cost of Providing and fixing chicken mesh with nails over all joints of walls with columns, beams and slab, complete as directed by the Engineer Incharge.	1700	SFT		
07.	<u>OLD WALL PLASTER</u> Providing level cement plaster (1:4) on the old washroom damage walls (using Lawrence pur sand) etc., in any floor including making edges, corners, curing staging and scaffolding etc. including cost of Providing and fixing chicken mesh with nails over all joints of walls with columns, beams and slab, complete as directed by the Engineer Incharge.	7500	SFT		
08.	<u>PLASTIC EMULSION</u> Painting with (ICI/Berger Robbaliac/Nippon or approved equivalent) VIP plastic emulsion	5000	SFT		



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	paint of approved shade two coats over primer applied over putty filled surface prepared with sand papering including the cost of one priming coat complete in all respect over plastered surface on walls and ceiling etc. at any height and any floor or as directed by the Engineer Incharge. (All Floors)				
09.	<u>ENAMEL PAINT</u> Providing and applying enamel paint ICI make on MS sections & railing, of approved colour and shade with primer and two coats of enamel paint complete in all respect, technical provisions and or as directed by the engineer incharge.	3000	SFT		
10.	<u>GRAPHY</u> Providing & laying 1 st class Graphy on outers walls make approved shade on including the cost of making cracks-filling the holes, scaffolding if any at any height in any floor as directed by the inchange. (All Floor)	2500	SFT		
11.	<u>CERAMIC TILES (BATH WALLS)</u> Providing and fixing glazed ceramics tiles grade A in approved shade & colour (1'x2') China Times/Orial or as approved equivalent) laid over 3/4" (19mm) thick with tiles bond best quality including fixing and jointing, with colour grout mix and curing etc. Complete in all respects, as per drawing or as directed by the Architect /Engineer Incharge.	5800	SFT		
12.	<u>FLOOR/WALL TILES</u> Providing and fixing glazed ceramics tiles grade A in approved shade & colour (2'x2') China Times/Orial or as approved equivalent) laid over 3/4" (19mm) thick with tiles bond best quality including fixing and jointing, with colour grout mix and curing etc. Complete in all respects, as per drawing or as directed by the Architect /Engineer Incharge.	8500	SFT		



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13.	<p><u>SOLID WOODEN (PANEL) DOORS</u> Providing and fixing 1-1/2" thick solid panel doors with Malaysian ply 3mm thick on both faces of deodar wood shutter frame 1-1/4" thick and partial wood braces at 3 " apart and deodar wood lipping beading 1-1/2" x 3 /8" thick of best quality including cost of approved Bronze /stainless steel hinges, looking glass panel 12"x 9 "etc. including three coats of mat enamel paint/glazes Polish as required and covered with 22 gauge aluminum (10cm) high kick plate fixed with screws including door lock, hydraulic door closer of best quality, stopper , latch and push plate,10cm c/c on both side, bottom rail of 22SWG and stainless steel 150x50x6 mm finger plates with aluminum screw, approved quality or as directed by the Architect /Engineers in charge.</p>	1275	SFT		
14.	<p><u>MS / STEEL CHOWKATS</u> Supply and fix steel frame (chowkats) press moulded 16 SWG for 229mm thick walls complete including hold fasts, and bitumen coating ties for lateral movement P.C.C strength of (10Mpa) caving filling etc. or as directed by the Engineer Incharge.</p>	306	RFT		
15.	<p><u>MS / STEEL CHOWKATS</u> Supply and fix steel frame(chowkats) press moulded 16 SWG for 115mm thick walls complete including hold fasts, and bitumen coating ties for lateral movement P.C.C strength of (10 Mpa) caving filling etc. or as directed by the Engineer Incharge.</p>	850	RFT		
16.	<p><u>WOODEN BEADING</u> Providing & fixing best quality Deodar wooden beading (architrave) (3" wide 1/2" thick) around the doors chowkats with spirit/wax polishing complete in all respects &</p>	1500	RFT		



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	to the satisfaction and approval of the Engineer Incharge.				
17.	<u>FIBER SHADE</u> Providing and fixing of 3 ply fiber 12' height using 1"x1" iron pipe 18gage frame, 9inch qanchi for sport, 14 SWG sported MS pipes 3" dia fixing on the (4") base plate with riveting and complete enamel paint on structure complete in all respects	150	SFT		
18.	<u>WINDOW ROLLER BLINDS</u> Supply and installation of roller blinds (Imported fabric design/pattern) top aluminum /steel rod control box rotation chain & bottom rod as per sample. Installation as per site requirement and as directed by the engineer.	100	SFT		
19.	<u>MARBLE</u> Providing & fixing of 1x1 marble piece having 1 inch thickness, chemical polish, corner grading complete in all respect a. Black granite b. Parlino Marble	50 50	SFT SFT		
20.	<u>FITTING AND FIXTURES:-W.C</u> Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani Bright (of not less than 18 Inches clear opening as measured between flushing rims) complete with and including the cost of 13.6 (Faisal/three Star) liter best quality low level plastic flushing cistern with internal fittings complete, P.V.C. flushing pipe suitable for squatting type with extra bends and length with fittings, C.I. trap 4 inches (100mm) dia and making requisite number of holes in walls, plinth & floor for pipe connection and making good in cement concrete 1:2:4.	35	NO.		
21.	<u>ENGLISH COMMODE:</u> Providing and fixing best quality squatting type white glazed Pakistani Bright English Commode (one Piece) with all connection pipes, P-trap with fitting in all respect.	20	NO		



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22	<u>WASH HAND BASIN</u> Supply and fix wash hand basin in light colour with pedestal glazed ware 650mm long, one hole complete with waste pipe, coupling, chain and plug, best quality Pak made Shabir, Master or Equivalent fixed to concrete, brick, stone or wood work.	10	NO.		
23.	<u>TOWEL RAIL</u> Supply and fix towel rail, chromium plated, single rod any pattern, shape and size Pak made complete with plugs, screws etc fixed to concrete, stone, brick or wood work.	25	NO		
24.	<u>LIQUID HAND WASH DISPENSER</u> Supply and fix best quality liquid hand wash dispenser.	25	NO		
25.	<u>TOILET PAPER HOLDER</u> Supply and fix toilet paper holder any shape pattern and size foreign made complete with plugs, screws etc foxed to concrete, stone or woodwork.	10	NO		
26.	<u>DOUBLE BIB-COCK WITH MUSLIM SHOWER</u> P/F C.P. double bib-cock with Muslim shower (water tap) Sonnex, Faisal including all fittings for complete installation, complete in all respects and as directed by the Engineer Incharge.	25	NO		
27.	<u>SINGLE BIB-COCK</u> P/F C.P. single bib-cock Sonnex, Faisal including all fittings for complete installation, complete in all respects and as directed by the Engineer Incharge.	40	NO		
28.	<u>BASIN T-STOP COCK</u> P/F basin t-stop cock Sonnex, Faisal including all fittings for complete installation, complete in all respects and as directed by the Engineer Incharge.	38	NO		
29.	<u>MIRROR</u> Supply and fix mirror any shape and pattern 5mm thick of sizes, Balgium made edges ground, complete fixed to concrete, brick,	100	SFT		



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	stone or woodwork including Aluminum frame and Lasany wood used on the back of the mirror.				
30.	<u>FANCY LIGHT MIRROR</u> Supply and fix fancy mirror including fancy light mirror approximate size (7x3)	17	NO		
31.	<u>FLOOR TRAP</u> Providing and fixing C.I. trap with 4 inches (100 mm) dia inlet and 4 inches (100 mm) dia outlet of the approved self-cleansing design with C.I. grating with or without a vent arm including cost of making requisite number of holes in wall, plinth and floor for pipe connection and making good in cement concrete 1:2:4.	110	NO		
32.	<u>GUNMETAL VALVE</u> Valves “peets” pattern, strong gunmetal, high pressure, “Fully-way” valve with iron wheel head screwed both ends for iron pipe, 15mm dia, supply and fixing. a) 25mm dia valve b) 40mm dia valve c) 50mm dia valve	50 50 50	NO. NO. NO.		
33.	<u>INTERNAL DRAINAGE WORKS UPVC PIPES</u> Providing and fixing of Master fit class "B" UPVC approved best quality pipe including sockets, bends, tees etc. complete as approved by Engineer Incharge. a) 75 mm dia b) 160 mm dia c) 100 mm dia	510 950 225	RFT RFT RFT		
34.	<u>MANHOLE</u> Providing manhole type 'A' size 3 feet x 3 feet (inside dimensions) x 4 feet deep as per approved design and specifications complete for 4 inches to 12 inches (100 to 305 mm) dia pipes up to 3 feet-11 inches (1.19 m) depth with cast iron cover and frame 16 inches (406 mm) dia, inside (weight=1 Cwt.1 Qtr.) or 63.5 kg. fixed in 4 inches (100 mm) thick RCC	12	NO.		



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	1:2:4 slab, 8 inches (203 mm) thick c.c. 1:3:6 Brick masonry walls set in 1:3 c.m; 6 inches (150 mm) thick 1:3:6 c.c. in foundation 1:2:4 c.c. in benching, 1/2 inches (13 mm) thick cement plaster in 1:3 C.M. to all inside wall surface, channels and benching etc. and to top including making requisite number of main and branch channels, including the cost of excavation back filling and disposal of excavated stuff & manhole cover and frame.				
35.	<u>CASTED GRATING</u> Supply and fix casted grating chromium plated 100mm x100mm. NOTE: - Wherever C.P. (Chromium plated fitting and fixtures are Mentioned read them as heavy duty crystal head "Master" made.	50	NO		
36.	<u>WATER SUPPLY INSTALLATIONS:-</u> <u>INTERNAL COLD WATER SUPPLY:-</u> Providing and Laying DADEX 'PPR' pipe with all fittings (i.e. sockets, bends, tees, elbows where required) and laid complete in trenches (exclusive of excavation) or fixed to walls, ceilings and floors etc including caps and plugs as required supply and fixing. a) 25mm dia (Concealed inside) b) 1 inch dia (GI Pipe open) 40mm dia (PPR Concealed inside)	680 400 200	RFT RFT RFT		
37.	<u>INTERNAL HOT WATER SUPPLY:-</u> Providing and Laying DADEX 'PPR' pipe with all fittings (i.e. sockets, bends, tees, elbows where required) and laid complete in trenches (exclusive of excavation) or fixed to walls, ceilings and floors etc including caps and plugs as required supply and fixing. a) 25mm dia (Concealed inside) b) ¾ inch dia (GI Pipe open) c) 40mm dia (PPR Concealed inside)	650 100 200	RFT RFT RFT		
38.	<u>VANITY MIXTURE</u> Providing & fixing of Vanity mixture with drain waste pipe, Jali in all fittings (Faisal/Sonnex) as approved	35	NO		



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39.	<u>VANITIES</u> Providing & fixing of under counter vanities Porta/ICL Boach on marble slab complete in all respect	35	NO		
40.	<u>COUNTER CABINET</u> Making & fixing of PVC sheet ¾” glossy finish sheet under the vanities counter with 3D hinges, handles complete in all respect	340	SFT		
41.	<u>CONCRETE SLAB</u> Making of concrete (1:2:4) vanity slab including cost of the steel, fixing and removal of frame work, curing etc Including vanity hole cutting	250	SFT		
42.	<u>MARBLE</u> Providing & fixing of 1” thick black granite marble on slab with cement mortar, hole cutting, polished, edges complete in all respect.	250	SFT		
43.	<u>ALUMINUM WINDOW</u> Aluminum Windows Providing and fixing single glazed Bronze anodized or Powder Coated aluminum Sliding windows as per British standard manufactured by Lucky, Alcop, Krudson, Pakistan Cables and A.C.P. (fixing through their approved fabricators), Executive model section double or single glazed 101mm x 37mm and 2mm thick including the cost of aluminum netting ,fitting, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but including the cost of 5 mm glass pans	850	SFT		
44.	<u>WOODEN ALMIRAH</u> Making of wooden Almirah With Lamination Sheet, sheesham Gola Polished, Handles, Lock on every door hydraulic hangs etc Almirah depth 18” of different sizes complete in all respect	150	SFT		



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45	<u>WOODEN RACK</u> Making of wooden Rack With Lamination Sheet, sheesham Gola Polished rack depth 16” of different sizes complete in all respect	150	SFT		
46	<u>NAME PLATE</u> Providing and Fixing of Plastic Name Plate with text size 12x6	17	NO		
47	<u>TANDOOR</u> Supply and fixing of Large size Mud Tandoor with Mud back filling in kitchen complete all respect	01	NO		
48	<u>IRON HOOD</u> Making & fixing of Iron hood with 18gage sheet alongwith frame as per existing shape/design in kitchen including the enamel paint.	60	SFT		
49	<u>1- LIGHT POINT CONTROL BY 1 SWITCH</u> Wiring for one light point controlled by one switch and wired with 3x single core 1.5mm sq (7/053)/(3/036) PVC insulated, 300/500 volt grade copper wire (Phase, Neutral & Earth) in and including cost of appropriate size of PVC conduit (min size 20mm dia) partly shared recessed in walls, columns, floors, slabs or as required as per site conditions including all conduit accessories such as steel pull boxes, PVC junction boxes for ceiling and wall, sockets & bends also steel pull Wire. Complete in all respects with final testing and commissioning.	85	Point		
50	<u>EXHAUST FAN POINTS</u> Same as item AE-01 mentioned above but for Exhaust fan.	34	Point		
51	<u>3 PIN 13 AMPS SWITCH SOCKETS</u> Same as item AE-01 mentioned above but wiring for 3 pin 13 AMP switch socket combined unit but with 3x single core 2.5mm Sq (7/029) from nearest switch board. Complete in all respect with final testing & commissioning.	17	Point		



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52	<p><u>SWITCHES & SOCKETS</u> <u>SWITCH PLATES</u> Supply and installation of 10 amps piano type switch gang plate with appropriate size of back steel box 16SWG two coats of antirust paint fixed recessed in wall including all fixing accessories and of the following types:</p> <p>i) 2 gang switch plate ii) 3 gang switch plate iii) 4 gang switch plate v) 6 gang switch plate</p>	10 5 2 2	Each Each Each Each		
53	<p><u>3 PIN, 13 AMPS SWITCH SOCKETS</u> Supply and installation of 3 pin switch socket combined unit with appropriate size of back steel box 16SWG, two coats of antirust paint, fixed recessed to walls or ceiling including all fixing accessories and of the following types:</p> <p>i) 3 pin 13Amps switch socket unit</p>	17	NO		
54	<p><u>FITTINGS & FIXTURES</u> <u>LED Light Fittings</u> Supply, installation testing and commissioning of wall/roof mounted LED Tube light complete 16 watts, complete with all fixing accessories and as approved by the engineer incharge</p>	16	No		
55	Supply, installation, testing and commissioning of LED down/Ceiling Light mounted / recessed 16 watt with LED driver and all fixing accessories complete in all respects and as approved by the Engineer incharge	85	No		
56	<p><u>EXHAUST FANS</u> Supply, installation, testing and commissioning of exhaust fans of following sizes complete with frame and of specified</p>				



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<p>make including cost of all necessary materials and complete in all respects with all civil works such as dismantling and making good the same as directed by Engineer-in-Charge and also including fly-mesh/louver as approved by Engineer-in-Charge:</p> <p>a) 8" dia with plastic body copper winding b) 12" dia with metal body copper winding</p> <p>Note: Contractor will carry out measurement as per shop drawing approved and will forward the same prior to purchase and installation for approval of Engineer-in-Charge.</p>	08 25	No No		
Total Amount:				
<p><u>LIST OF APPROVED MANUFACTURER FOR EQUIPMENT/MATERIAL OF ELECTRICAL & COMMUNICATION WORKS</u></p> <p>The Contractor should note that the materials only from the following manufacturers and approved by Engineer in Charge shall be required to be used in the Electrical & communication Works.</p>				
<p>Sub-Main Panel Boards, Distribution Boards, Rising Mains Bus-tie Duct M/S Bilal Switchgear Engineer M/S M-Tee Lahore M/S South Asian Electric Concerns M/S Electric Lahore/Islamabad</p>				
<p>Moulded Case Circuit Breaker (MCCBs) & change over switch Circuit breakers (MCBs) Fuji Japan Schneider France ABB</p>				
<p>Ammeters & Voltmeters Hanyoung (Digital) South Korea</p>				
<p>Selector Switches Kelvin & Breter Italy Howard Butter Ltd. UK (HOBUT)</p>				
<p>Indication Lights(Transformer Type) Fuji Japan</p>				
<p>PVC Conduits & Accessories Shavyl Local Beta Local Adam-Gee Local</p>				



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Cables & Wires					
M/S Pakistan Cables (Pvt) Ltd Karachi Local					
M/S Pioneer Cables Karachi Local					
M/S Newage LHR Local					
Fluorescent Light Fixtures.					
M/S Phillips Electrical Co. of Karachi Pakistan Local					
M/S Osram Local					
M/S Future Tec Local					
Fans & Dimmers					
Royal Gujarat/Gujranwala					
Pak Fan Gujarat/Gujranwala					
Climax Gujarat					
Switches, Plugs, Hum free regulator and Industrial Switch Accessories etc					
Schneider Italy					
Clipsal Australia					
MAINTENANCE WORK OF FBISE FLATS (FOUR STORY BUILDING)					
57	<u>WINDOW GLASS</u> Replacement of 5mm Plain glass of windows in Kitchen bedroom etc with gola, silicon complete in all respect at any floor of Colony	200	SFT		
58	<u>DOOR MESH (JALI)</u> Replacement of door mesh (iron jali) with wooden gola, fixing complete in all respect at any floor of Colony	250	SFT		
59	<u>WINDOW HANDLES</u> Replacement of broken window handles, locks and complete fixing at any floor of Colony (a) Replacement of door chtakni, handles	30 30	NO NO		
60	<u>REPAIR/WELDING</u> Repair/welding of broken window grills/pipes etc complete in all respect at any floor of Colony	110	SFT		
61	<u>SPD EMULSION</u> Painting with (ICI/Berger Robbaliac/Nippon or approved equivalent) SPD Emulsion paint of approved shade two coats over primer applied over putty filled surface prepared with sand papering including the cost of one priming coat complete in all respect over	9000	SFT		



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	plastered surface on walls and ceiling etc. at any height and any floor or as directed by the Engineer Incharge. at any floor of Colony				
62	<u>ENAMEL PAINT</u> Painting with (ICI/Berger Robbaliac/ Nippon or approved equivalent) mat enamel paint of approved shade(multi colors) two coats over surface prepared with sand papering complete in all respect over plastered surface on walls and ceiling etc. at any height and any floor or as directed by the Engineer Incharge at any floor of Colony	1900	SFT		
63	<u>WATER TAP</u> Replacement of broken water taps of washrooms and kitchen at any floor of colony	05	NO		
64	<u>FLOOR TILES</u> Providing & fixing of 1x1 floor tiles times/oriel OR equivalent with tile bond, colored grouting complete in all respect at any floor of colony	150	SFT		
TOTAL AMOUNT					
GRAND TOTAL AMOUNT					