

Items No	Description	Qty	Unit	Rate	Amount
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Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad

**CIVIL WORK IN NEW EXAMINATION STORE BLOCK IN
FBISE PREMISES, ISLAMABAD**

Name of Work	Estimated Cost (PKR)	PEC Cat:	Anticipated Time of Work
Civil Work in New Examination Store Block, in FBISE Premises H-8/4 Islamabad	18.00 Million	Min-C-5	4 Months

Detail of Work	Pages
Cover Page	01
Tender Notice	02-04
Terms & Condition for the Submission of Tender	05
General Condition	06
Contract Agreement	07-08
Bill of Quantities (BOQ)/Summary of Cost	09-28
i. Civil Works	
ii. Electrical Works	
iii. Networking Works	
Drawings	29-34
Total Pages	34

Saeed

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

Items No	Description	Qty	Unit	Rate	Amount
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Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad

No. FBISE-11-5756-00022/1601

November 13, 2023

TENDER NOTICE

Sealed tenders (One Stage one envelope) are invited for Civil Work in FBISE New Examination Store Block 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:-

“Civil Work in FBISE New Examination Store Block”

3. Tender documents containing terms and conditions for Civil Work in FBISE New Examination Store Block 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 is Rs.2000/-(Rupees two thousand) (non-refundable).

4. The sealed tender(s) document along with earnest money which is 5% of the total contract amount shall be submit on e-PADS and hardcopy in the FBISE before 30-11-2023 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.

Saeed

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

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Items No	Description	Qty	Unit	Rate	Amount
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Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad

No. FBISE-11-5756-00022/1599

November 13, 2023

Director (Advertisement)
Press Information Department
Zero Point
ISLAMABAD

SUBJECT: PUBLICATION OF TENDER NOTICE

Dear Sir,

Tender Notice regarding "Civil Work in FBISE New Examination Store Block" is enclosed for the publication in (02) daily local News papers, 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,

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

Items No	Description	Qty	Unit	Rate	Amount
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Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad

No. FBISE-11-5756-00022/ 1600

November 13, 2023

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 "Civil Work In FBISE New Examination Store Block" 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,

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

Items No	Description	Qty	Unit	Rate	Amount
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**Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad**

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 Civil Work in FBISE New Examination Store Block** must clearly be written on top of the envelope.
 4. Tenders will be received **upto 30-11-2023** 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. 5% of total amount 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.

Saeed

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

Name of Firm _____ Address _____

NTN No. _____ Contact No. _____

Date. _____ Signature & Stamp _____


Items No	Description	Qty	Unit	Rate	Amount
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فیڈرل بورڈ آف انٹرمیڈیٹ اینڈ سیکنڈری ایجوکیشن سیکٹر 8/4-H، اسلام آباد

ٹینڈر شرائط برائے سول ورک نیو ایگزا-منیشن سٹور بلاک

- شرائط برائے سول ورک نیو ایگزا-منیشن سٹور بلاک درج ذیل ہیں۔
- i. سول ورک برائے نیو ایگزا-منیشن سٹور بلاک کا کام ورک آؤرٹے کے بعد 4 ماہ میں مکمل کر کے دفتر ہذا کے حوالے کرنی ہو ہے۔
 - ii. کام کے دوران کچرے اور ویسٹ میٹریل کو بورڈ ہذا کی بلڈنگ سے دور کسی مناسب جگہ ضائع کرنا متعلقہ کنٹریکٹر 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 گرانڈنگ، پلٹی 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 مستزی مزدور لگانا ٹھیکہ دار کی مکمل ذمہ داری ہے۔
 - vii. سرکاری اور غیر سرکاری چھٹیوں میں یا دیگر ایسے حالات میں بھی کام کا تو اتار نہ روکیں۔
 - viii. کام کے دوران سائٹ کے پاس اضافی کچر ساتھ ساتھ اور کام مکمل ہو جانے کے بعد فی الفور سائٹ صاف کر کے دفتر کے حوالے کرنا متعلقہ کنٹریکٹر کے ذمے داری ہے۔
 - 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. میٹریل کی سپلائی دفتری اوقات کار کے بعد دی جائے۔
 - xi. مجاز افسر کو ڈرائنگ اور BOQ (Bill of Quantity) کی مقدار میں کمی بیشی کرنے کا اختیار ہے۔
 - xii. ٹھیکہ دار اور انجینئر کی کام کی جگہ پر موجودگی ضروری ہے۔
 - xiii. ٹھیکہ دار اپنا ورک پلان / شیڈول ٹینڈر کاغذات کے ہمراہ جمع کروانے کا پابند ہے۔
- میں نے درج بالا تمام ٹینڈر شرائط بخور پڑھ / سمجھ لیے ہیں اور ان پر عملدرآمد کیلئے مثبت کوشاں ہوں گا۔

نام ٹھیکہ دار _____ دستخط بمعہ تاریخ _____
شناختی کارڈ نمبر _____ فون نمبر _____


اسسٹنٹ انجینئر (اسٹٹ)

فیڈرل بورڈ آف انٹرمیڈیٹ اینڈ سیکنڈری ایجوکیشن اسلام آباد

فون نمبر: 051-9269538

Items No	Description	Qty	Unit	Rate	Amount
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AGREEMENT

This agreement is made on _____ -2023 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 F.B.I.S.E, Islamabad is desirous Civil work in new Examination Store block in F.B.I.S.E Premises, 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 04 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.

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.

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Items No	Description	Qty	Unit	Rate	Amount
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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.

13. 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,

Contractor

2/2

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Items No	Description	Qty	Unit	Rate	Amount
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Federal Board of Intermediate and Secondary
Education H-8/4, Islamabad

CIVIL WORK IN NEW EXAMINATION STORE BLOCK IN FBISE PREMISES, ISLAMABAD		
SUMMARY OF COST		
S.No.	DESCRIPTION	AMOUNT Rs.
1.	Civil Works	
2.	Electrical Works	
3.	Networking Works	
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.

Saeed

Abdul Saeed Khan
Assistant Secretary (Estate)
Phone# 051-9269538

1. Bidder's Income Tax No. _____ 2. Earnest money 5% of Total amount
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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Items No	Description	Qty	Unit	Rate	Amount
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CIVIL WORK IN FBISE NEW EXAM STORE BLOCK SECTOR H-8/4 ISLAMABAD CIVIL WORK					
1	Dismantling				
	a) Dismantling of concrete, brick work and disposal of all waste material from the site. b) Dismantling/removal of old window and Grills on any floor etc stacking of useable material and disposal of all waste material.	250	CFT		
		20	No's		
2	P.C.C. (1:4:8) Under Floor 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.	300	CFT		
3	R.C.C Work for Lintels Providing, and laying reinforced cement concrete using screened crushed stone graded aggregate 3/4 inch (19 mm) and down gauge and sand from approved source for door lintels including cost of steel formwork and its removal, compacting, levelling and curing etc. including the cost of reinforcement (4# dia bar with 4 bar including 3# rings, complete in all respect as per drawing or as directed by the Engineer incharge a) Lintels (size 5.25'x9"x9")	20	No's		
4	Brick Masonry for Partition walls i) 9"~ 13.5" Thick Walls Providing and laying first class solid burnt brick masonry, set in cement mortar (1:5) for arches in straight or curved wall 9"to 13 1/2" (229mm to 343mm) thick including scaffolding, formwork and its removal,	4800	CFT		

Items No	Description	Qty	Unit	Rate	Amount
	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.				
5	ii) 4-1/2" Thick Walls 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.	400	CFT		
6	Internal Plaster 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.	10400	SFT		
7	External Plaster Providing 19 mm thick cement plaster (1:4) with groves on soffits and walls external surfaces etc (using Lawrence pur sand), in any floor including making edges, corners, curing staging and scaffolding etc., including cost of chicken mesh with nails over all joints of wall with columns, beams and slab, complete as directed by the Engineer Incharge.	200	SFT		
8	Plastic Emulsion Painting with (ICI/Berger Robbaliac/Nippon or approved equivalent) VIP plastic emulsion paint of approved shade two coats over primer	11000	SFT		

Items No	Description	Qty	Unit	Rate	Amount
	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)				
9	Plastic Emulsion on old Painted Surface Painting with (ICI/Berger Robbaliac/Nippon or approved equivalent) VIP plastic emulsion paint of approved shade two coats surface prepared with sand papering complete in all respect over on walls and ceiling etc. at any height and any floor or as directed by the Engineer Incharge. (All Floors)	8000	SFT		
10	Graphy 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)	1000	SFT		
11	Ceramic Tiles (Bath walls) 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.	1200	SFT		
12	Floor Tiles 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,	3000	SFT		

Items No	Description	Qty	Unit	Rate	Amount
	as per drawing or as directed by the Architect /Engineer Incharge.				
13	Solid Wooden (Flush) Doors Providing and fixing 1-1/2" thick solid flush doors with commercial 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 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.	450	SFT		
14	MS / Steel Chowkats 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.	280	RFT		
15	MS / Steel Chowkats 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.	70	RFT		
16	Wooden Beading	360	RFT		

Items No	Description	Qty	Unit	Rate	Amount
	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 & to the satisfaction and approval of the Engineer Incharge.				
17	False Ceiling Providing & fixing of imported gypsum sheet (600mm x 600mm) including aluminum Tee, aluminum angle, hanger clips and GI wire etc complete imported Chaina fitting.	6500	SFT		
18	Glass Partition Providing & fixing of 12mm glass partition with frosted glass including aluminum frame, support, and glass door with best quality machine, locks, hinges, handles and fitting complete in all respect.	1100	SFT		
19	Aluminum Door Providing & fixing of main aluminum door with using of 1.6mm aluminum frame and 5mm frosted glass with bottom aluminum sheet including machine, locks hinge, handles complete in all respect.	460	SFT		
20	Aluminum Shutter Providing & fixing of Electric automatic motorized aluminum shutter double wall 50mm, heavy duty extruded aluminum profile in silver anodized finish. Shutter profile locked by steel end caps in side channels with rubber gasket, Pulleys with double bearing aluminum bottom channels best quality with machine, buttons, lock etc. Size approximate 6x12 complete in all respect	06	NO		
21	Tiles Skirting Providing & fixing of 24"x4" glazed tile skirting with tiles bonds	900	RFT		
22	Window Roller Blinds a) Supply and installation of roller blinds (Imported fabric design/pattern) top aluminum /steel rod control box rotation chain & bottom rod as per sample.	150	SFT		

Items No	Description	Qty	Unit	Rate	Amount
	Installation as per site requirement and as directed by the engineer. b) Supply & Installation of velvet fabric of double cloth (two times) including Pipe rod with wooden covers hooks fitting all respect.	200	SFT		
23	Biometric Door Lock Providing & fixing of Face reader with display (inside & outside), finger prints & biometric magnetic door lock in aluminum doors complete in all respect	06	NO		
24	Wooden Almirah Making of wooden Almirah With Lamination Sheet , sheesham Gola, Handles, Lock on every door hydraulic hangs etc almirah depth 16” of different sizes complete in all respect	1700	SFT		
25	Steel Mesh Providing & fixing of best quality steel mesh outside of the window on 1”x1” Pipe frame with putti on outer side including the cost of two coat enamel paint and finishing complete in all respect	250	SFT		
26	Frosting of Glass Making of old window glass frosted fixing of window moving frame with riveting on frame with Patti complete in all respect	600	SFT		
27	Marble Slab Providing & fixing of 1” thick polished black granite slab with mortar including the cutting of kitchen sink complete in all respect	70	SFT		
28	Polish Grinding and polishing of old cheeps floor and marble stair with grinding and chemical polish complete in all respect	8000	SFT		
PUBLIC HEALTH					
1	FITTING AND FIXTURES:-W.C Providing and fixing best quality squatting type white glazed earthenware W.C Pan, Pakistani Bright (of not less than 18 Inches clear opening as	06	NO.		

Items No	Description	Qty	Unit	Rate	Amount
	measured between flushing rims) complete with and including the cost of 13.6 litre 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.				
	English Commode: 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.	04	NO		
2	Wash Hand Basin 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.	03	NO.		
3	Towel Rail 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.	03	NO		
4	Liquid Hand Wash Dispenser Supply and fix Liquid hand wash dispenser.	03	NO		
5	Toilet Paper Holder 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		
6	Double Bib-Cock with Muslim Shower P/F C.P. double bib-cock with Muslim shower (water tap) Sonnex, Faisal including all fittings for complete	20	NO		

Items No	Description	Qty	Unit	Rate	Amount
	installation, complete in all respects and as directed by the Engineer Incharge.				
7	Mirror Supply and fix mirror any shape and pattern 5mm thick of sizes, Balgium made edges ground, complete fixed to concrete, brick, stone or woodwork including Aluminum frame and Lasany wood used on the back of the mirror.	80	SFT		
8	Floor Trap 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.	06	NO		
9	Gunmetal Valve 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	06 06 06	NO. NO. NO.		
10	INTERNAL DRAINAGE WORKS UPVC Pipes 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	150 180	RFT RFT		
11	Manhole 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	02	NO.		

Items No	Description	Qty	Unit	Rate	Amount
	mm) dia, inside (weight=1 Cwt.1 Qtr.) or 63.5 kg. fixed in 4 inches (100 mm) thick RCC 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.				
12	<p>Casted Grating Supply and fix casted grating chromium plated 100mm x100mm.</p> <p>Note:- Wherever C.P. (Chromium plated fitting and fixtures are Mentioned read them as heavy duty crystal head "Master" made.</p>	04	NO.		
13	<p>WATER SUPPLY INSTALLATIONS:- Internal cold water Supply:- 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.</p> <p>a) 25mm dia (Concealed inside) b) 1 inch dia (GI Pipe open)</p>	220 200	RFT RFT		
14	<p>Internal hot water Supply:- 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.</p> <p>a) 25mm dia (Concealed inside) b) ¾ inch dia (GI Pipe open)</p>	220 200	RFT RFT		

Items No	Description	Qty	Unit	Rate	Amount
	c) 50mm dia	50	RFT		
15	Gas Geyser Providing & fixing Gas water heater two in one electric and Gas make "NASGAS" complete with burner, thermostat safety valve, non-return valve of approved make and pilot, capacity 55 Gallons with all fittings	01	NO.		
16	Gas Supply Providing & fixing of Gas supply pipe 1" (GI) with regulator, GI Pipe fitting in all respect.	300	RFT		
17	Gas Valve Providing & fixing of Gas ball valve with nozzle (Faisal) ½" GI Tee 1"x½" with nipples union etc for heater.	24	NO		
18	Gas Connection Pipe Providing & fixing of ½" GI Pipe with fitting in rooms supply for heater.	100	RFT		
19	Sink Bowl Providing & fixing of double sink bowl stainless steel size 21"x27"	01	NO		
20	Sink Mixture Providing & fixing of sink mixture with drain waste pipe, Jali in all fittings (Faisal/Sonnex)	01	NO		
21	Vanities Providing & fixing of under counter vanities Porta/ICL Boach with vanities mixture, connection Pipe (Faisal/Sonnex) with all fittings.	03	NO		
22	Slab with Marble Making of concrete slab including steel, fixing of black granite Polished, edges etc. Including vanities hole cutting and PVC sheet ¾" glossy finish under the vanities counter approximate size 7x2	01	NO		
23	Gas Stove Providing & fixing of large size auto ignition Nargas stove of two burner with fitting	01	NO		
24	Concrete Slab Making of concrete slab (kitchen shelf) including cost of the steel, fixing and	45	SFT		

Items No	Description	Qty	Unit	Rate	Amount
	removal of frame work, curing etc Including sink hole cutting				
25	Marble Providing & fixing of 1” thick black granite marble on slab with cement mortar, hole cutting, polished, edges complete in all respect.	45	SFT		
Total Amount:					

NETWORKING WORKS					
01	Power Cable Supply installation testing & commissioning of Networking cable CAT-6 shielded twisted pair copper including the cost of concealed in wall beams etc with PVC pipe conduit accessories such as Sockets, bends and open duct where required at any floor complete in all respect.	6000	RFT		
02	Supply installation testing & commissioning of 2 points RJ-45 faceplate corning or approved equivalent with box at any floor complete in all respect.	50	No		
03	Supply installation testing & commissioning of CAT-6 RJ-45 I/O Modular Jack corning or approved equivalent at any floor complete in all respect	200	No		
04	Supply installation testing & commissioning of Patch panel 48 port 19” (black colour) corning or approved equivalent at any floor complete in all respect.	03	No		
05	Supply installation testing & commissioning of Network rack 8U branded black colour at any floor complete in all respect.	03	No		
Total Amount					

Items No	Description	Qty	Unit	Rate	Amount
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ELECTRICAL WORKS					
1	1- Light point Control by 1 Switch 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.	20	Point		
2	Exhaust Fan Points Same as item AE-01 mentioned above but for Exhaust fan.	15	Point		
3	3 Pin 13 AMPS Switch Sockets 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.	40	Point		
4	Wiring for Industrial Switch Sockets Wiring for one 3 pin 32 AMP single Phase industrial switch-socket combined unit direct from DB with 3xsingle core 4mm sq (7/036) PVC insulated, 300/500 volt grade copper wire (Phase, Neutral & Earth) in and including cost of 25mm dia PVC conduit/duct fix in walls, columns, floors, slabs or as required as per site condition including all conduit accessories such as Sockets, bends, steel pull boxes and complete in all respects with final testing and commissioning.	30	Point		

Items No	Description	Qty	Unit	Rate	Amount
5	<p>3 Pin 32 AMPS Industrial Switch Sockets Supply installation testing and commissioning of heavy duty industrial switch sockets (Male & Female) 3pin 32AMP single phase for heavy printing machine and fix in wall / column including cost of all fixing accessories as per site condition.</p>	30	Point		
6	<p>SMD Lights 2x2 (feet) Supply/installation testing and commissioning of SMD Lights 2x2 feet in the fall ceiling & will be connect with the already install light point, using wire 40/.076 OR 3/.029 for each light connection</p>	60	NO		
7	<p>Dismantling & Re-installation of Ceiling Fans Dismantling & Re-installation of Ceiling Fans 56" alongwith included cost of extended GI Road 22" and fan hook wire etc. Note: Fan hock must be fixed with 04 No steel Rawal Bolt.</p>	62	NO		
8	<p>Dismantling & Re-installation of Switch Board Dismantling of the switch board (6 gang switch plate) & fan dimmer from pillar/wall, after removing again fit in new wall near the door concealed fitting will require in new wall by making groove extension of switch board for main circuit 7.29 and light and fan etc circuit 3.29 along-with neutral and earth wire will require. For Joint 20Amp & 60AMP connector will used. Iron Box size 16swg will used for fan dimmer & switch boards.</p>	40	NO		

Items No	Description	Qty	Unit	Rate	Amount
9	<p>SWITCHES & SOCKETS</p> <p>Switch Plates</p> <p>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		
10	<p>3 Pin, 13 AMPS Switch Sockets</p> <p>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>	40	Each		
11	<p>FITTINGS & FIXTURES</p> <p>LED Light Fittings</p> <p>Supply, installation testing and commissioning of wall/roof mounted LED Tube light complete 9 watts, complete with all fixing accessories and as approved by the engineer incharge</p>	10	Each		
12	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	10	Each		
13	<p>Ceiling Fans</p> <p>Supply, installation, testing and commissioning of ceiling fans, AC capacitor type complete with hanging rod, canopy, blades, nuts and bolts and of specified make including cost of all</p>	10	NO		

Items No	Description	Qty	Unit	Rate	Amount
	necessary materials and complete in all respects and of the following sizes: a) 56" Sweep (Copper Winding) "Extra GI Pipe/Rod/ size 22" with each fan				
14	<p>Exhaust Fans Supply, installation, testing and commissioning of exhaust fans of following sizes complete with frame and of specified 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</p> <p>b) 12" dia with metal body copper winding</p> <p>c) 16" 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>	04	No's		
		10	No's		
		08	No's		
DISTRIBUTION BOARD & MAIN PANEL					
15	<p>Distribution Board (DBS) Supply, installation, testing and commissioning of factory fabricated distribution boards for power, indoor wall mounted type made of M.S sheet 16 SWG degreased, derusted, zinc phosphate finished with electrostatic powder coating, of approved colour with hinged door, lockable handle, protection plate, earth and neutral strip, complete internally wired, flexible earthing strap for door manufactured by any one of the approved manufacturers as specified and Size 2'x2'x1/2'</p>	03	NO		

Items No	Description	Qty	Unit	Rate	Amount
16	<p>DB-1 1ST FLOOR POWER CIRCUIT FOR PRINTING ROOM NO.1</p> <p>INCOMING MCCB100 Amp 3/P 15 KA (Schneider) Digital voltmeter with phase selector switch Indication lights Red, Yellow, and Blue.</p> <p>Change over switch 100Amp</p> <p>OUTGOING MCB 20 Amp S/P 6 KA (Schneider) MCB 32Amp 3/P 6 KA (Schneider)</p>	02 01 16 03	1 JOB		
17	<p>DB-2 Same as S. No 16 Mentioned above but for Printing Hall No.02</p>		1 JOB		
18	<p>DB-3 Same as S. No 16 Mentioned above but for Printing Hall No.03</p>		1 JOB		
19	<p>Power Cable Supply installation testing & commissioning of 4 core standard copper conductor PVC insulated 500/1000 volte grade in per laid conducts trenches or on cable trays as per rout shown by engineer in charge including termination cable lugs properly crimed at both ends of the following size.</p> <p><i>Power Cable 25 mm² 4/C CUPVC/PVC</i></p> <p>Earth Cable 16mm single core</p>	250 100	RMT RMT		
20	<p>DB-4 Main Distribution Panel for RCM Ceiling type ACs 4.1 ton 3phase Supply & Installation of indoor wall mounted type HVAC main distribution panel complete along with Ampere meter analog volt meter, CTS and indication lights, selector switch bus-bar etc</p>	01	750mm x 450xx 16 gauge		

Items No	Description	Qty	Unit	Rate	Amount
	Incoming MCCB 100 Amp 3/P 15KA (Schneider) Outgoing MCB 20 Amp 3/P 6KA (Schneider) MCB 20 Amp S/P 6KA (Schneider)	01 08 03	1 JOB		
21	Core Cutting	20			
22	Extra Items Supply installation testing of PVC heavy duty conduit PVC duct and cable tray as specified concealed in RCC slabs, wall, floor, columns or fixed to slab wall above false ceiling as per site conditions including cost of all conduct accessories steel pull boxes pull wire junction boxes complete in all respect and of the following size. PVC duct 40x40 PVC duct 60x60 PVC duct 25x38 PVC duct 33x33 Cable Tray size (3"x6")	200 200 200 200 200	RMT RMT RMT RMT RMT		
23	Extra Work Charges Rawal Plug, Bolt angle screw, Nail & thimble flexible Pipe cable clip Cable tie etc	01	Job		
24	Dismantling servicing and reinstallation of Split Type ACs Dismantling servicing testing commissioning and reinstallation of split type ACs 1 ½ ton alongwith copper pipe control wire complete in all respect	06	No		
25	Dismantling servicing testing commissioning and reinstallation of split type ACs 2 ton alongwith copper pipe control wire complete in all respect	06	No		
26	Dismantling servicing testing commissioning and reinstallation of split type ACs 4.1 ton (RCM 50D/DR) alongwith control wire and main supply cable 4/6mm ² copper pipe complete in all respect	06	No		
27	Proper insulation for all copper pipes (3/8" , 5/8" , 3/4" , 1/4 & 1/2 etc	100	RFT		

Items No	Description	Qty	Unit	Rate	Amount
28	Dismantling and reinstallation of out door frame 4.1 ton AC	6	No		
29	Supply & Installation of copper pipe with installation and control wire 4.1 ton AC (22SWG)	50	RFT		
30	Supply & Installation of copper pipe with installation and control wire 2 ton AC	50	RFT		
31	Supply & Installation of UPVC Drain pipe ¾"	100	RFT		
32	Gas charging 2 ton AC (American Gas)			Rate to be given Per Unit	
33	Gas charging 4.1 ton AC (American Gas)			Rate to be given Per Unit	
34	Supply & Installation of bakelite sheet 6"x4" sada including cost of all fixing accessories complete in all respect.	40	No		
35	Supply & Installation of bake lite sheet 4"x4" sada including cost of all fixing accessories complete in all respect.	25	No		
36	Supply of single core stranded copper conductor PVC installed 450/750 volt grade of the following size.				
	7/.036	2	Roll		
	7/.029	2	Roll		
	3/.029	2	Roll		
	Earth wire grecm 2.5/mm2 s/c	2	Roll		
Total Amount:					

Items No	Description	Qty	Unit	Rate	Amount
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**LIST OF APPROVED MANUFACTURER FOR EQUIPMENT/MATERIAL
OF ELECTRICAL & COMMUNICATION WORKS**

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.

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

Moulded Case Circuit Breaker (MCCBs) & change over switch

Circuit breakers (MCBs)

Fuji Japan
Schneider France
ABB

Ammeters & Voltmeters

Hanyoung (Digital) South Korea

Selector Switches

Kelvin & Breter Italy
Howard Butter Ltd. UK (HOBUT)

Indication Lights(Transformer Type)

Fuji Japan

PVC Conduits & Accessories

Shavyl Local
Beta Local
Adam-Gee Local

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

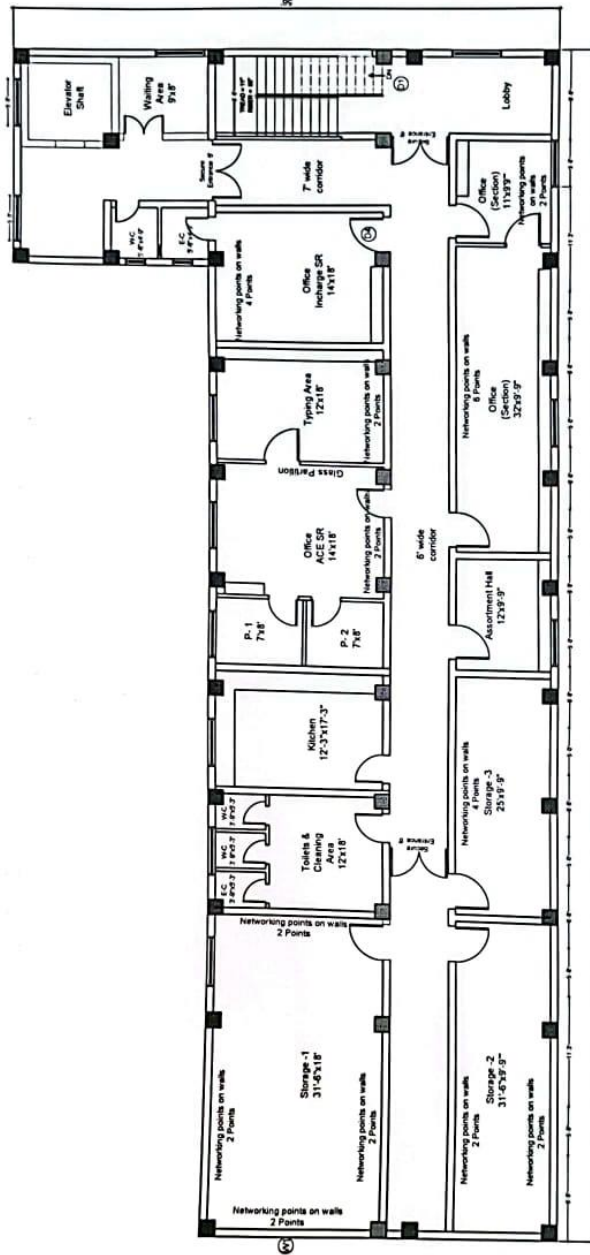
Fans & Dimmers

Royal Gujarat/Gujranwala
Pak Fan Gujarat/Gujranwala
Climax Gujarat

Switches, Plugs, Hum free regulator and Industrial Switch Accessories etc

Schneider Italy
Clipsal Australia

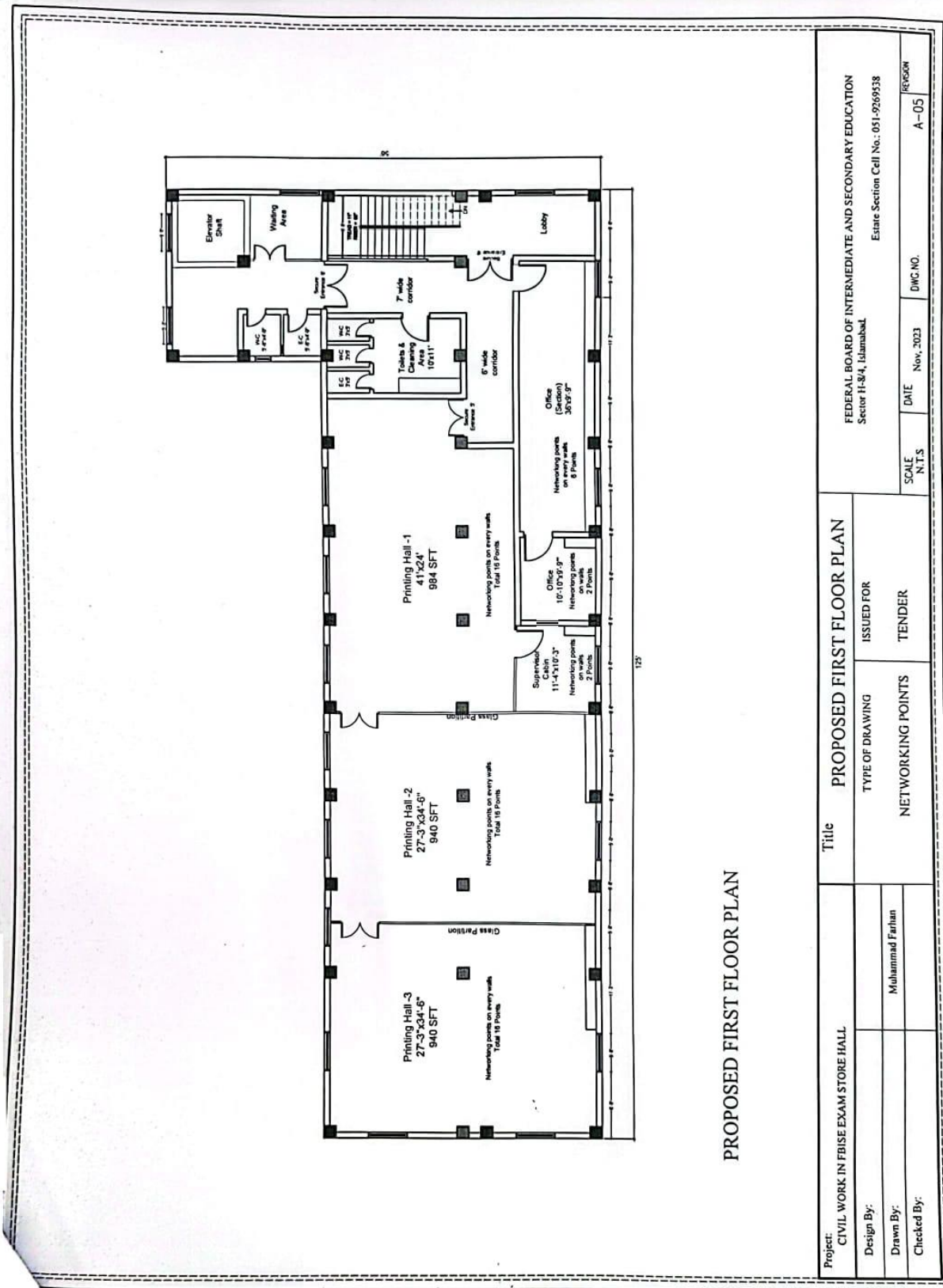
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PROPOSED SECOND FLOOR PLAN

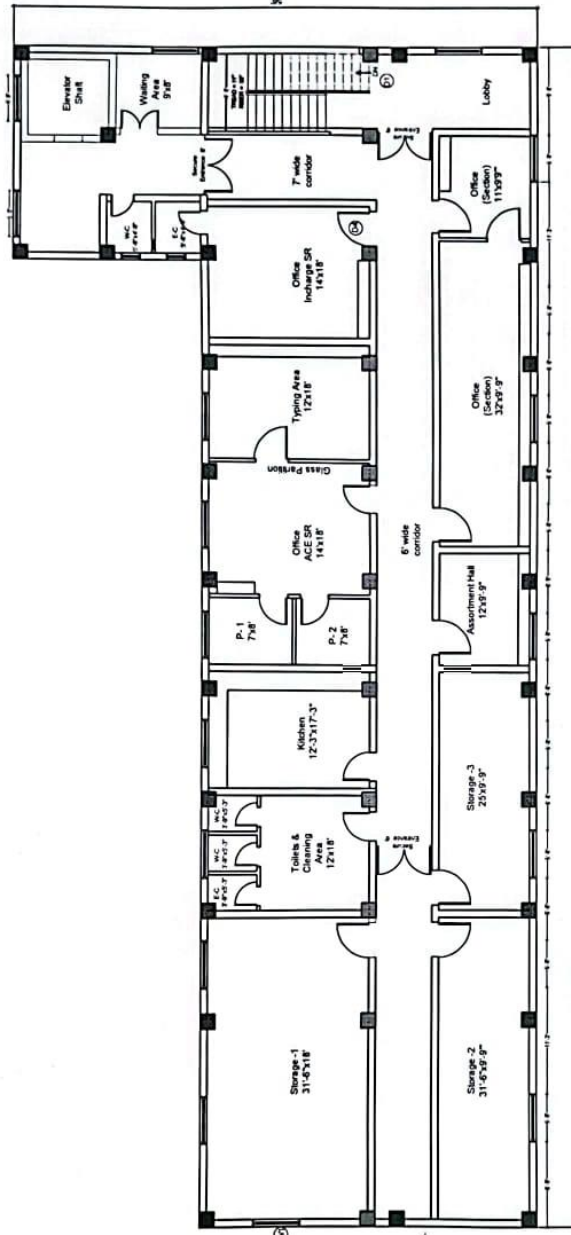
Project: CIVIL WORK IN FBISE EXAM STORE HALL	Title PROPOSED SECOND FLOOR PLAN	FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION Sector H-84, Islamabad.		DATE Nov, 2023	DWG.NO. A-06	REGION
Design By: Muhammad Farhan	TYPE OF DRAWING NETWORKING POINTS	ISSUED FOR TENDER		SCALE N.T.S		
Drawn By:						
Checked By:						

Items No	Description	Qty	Unit	Rate	Amount
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Project:	CIVIL WORK IN FBISE EXAM STORE HALL			Title		PROPOSED FIRST FLOOR PLAN	
Design By:	Muhammad Farhan			TYPE OF DRAWING		ISSUED FOR	
Drawn By:				NETWORKING POINTS		TENDER	
Checked By:				SCALE	N.T.S	DATE	Nov. 2023
				DWG. NO.			REV. NO.
				FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION		A-05	
				Sector H-8/4, Islamabad.		Estate Section Cell No.: 051-9269338	

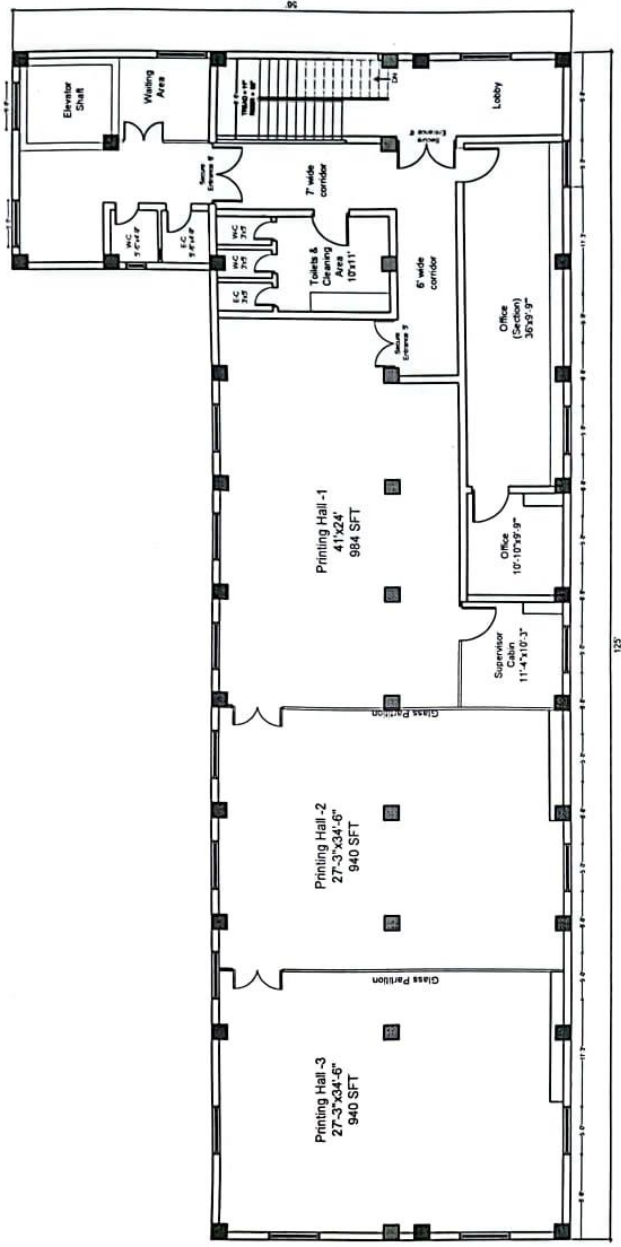
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PROPOSED SECOND FLOOR PLAN

Project: CIVIL WORK IN FBISE EXAM STORE HALL		Title: PROPOSED SECOND FLOOR PLAN		FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION Sector H-84, Islamabad.	
Design By:	Muhammad Farhan	TYPE OF DRAWING	ISSUED FOR	SCALE	DATE
Drawn By:		ARCHITECTURAL	TENDER	N.T.S	Nov, 2023
Checked By:				DWG NO.	REVISED
				A-04	

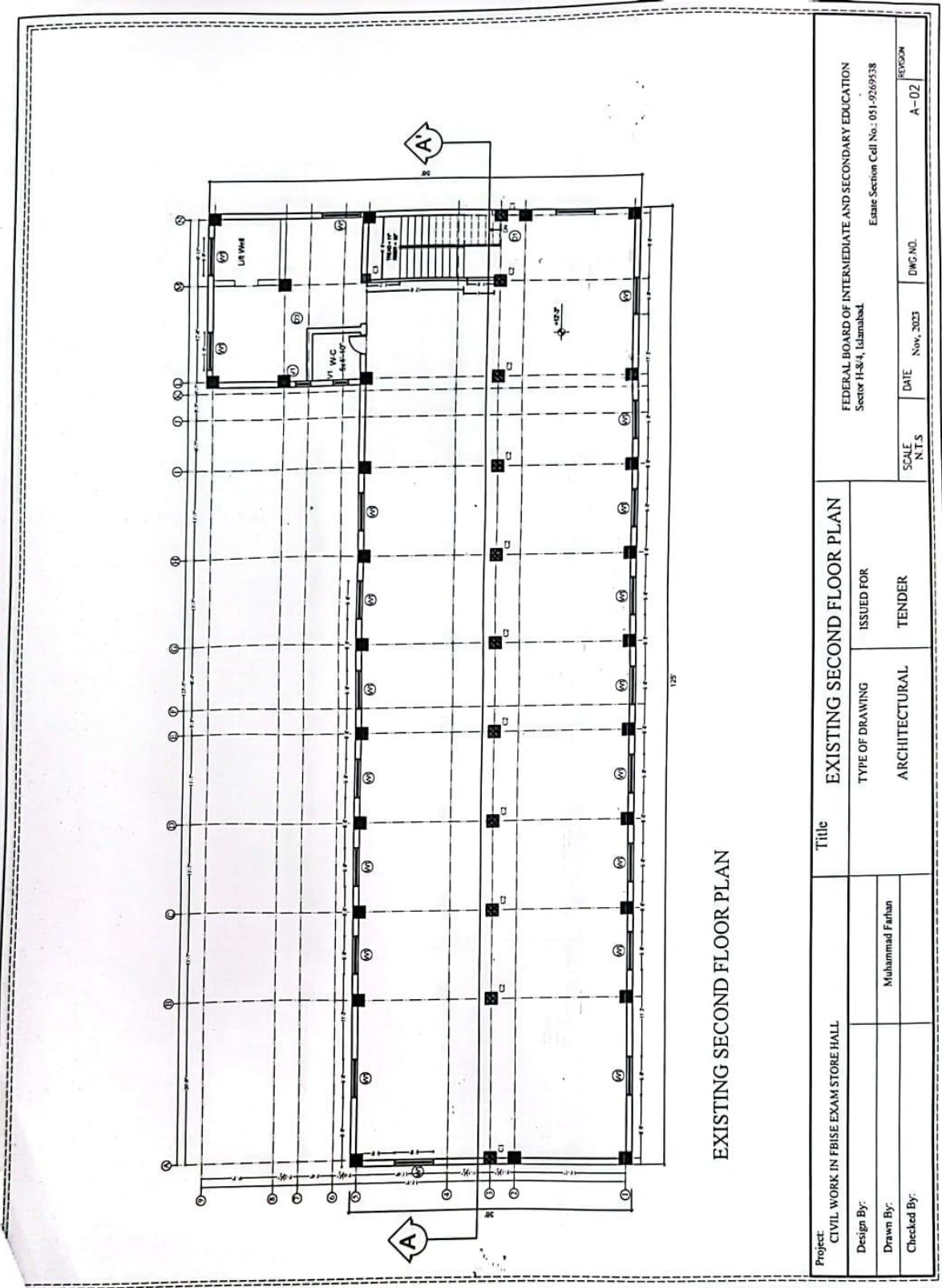
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PROPOSED FIRST FLOOR PLAN

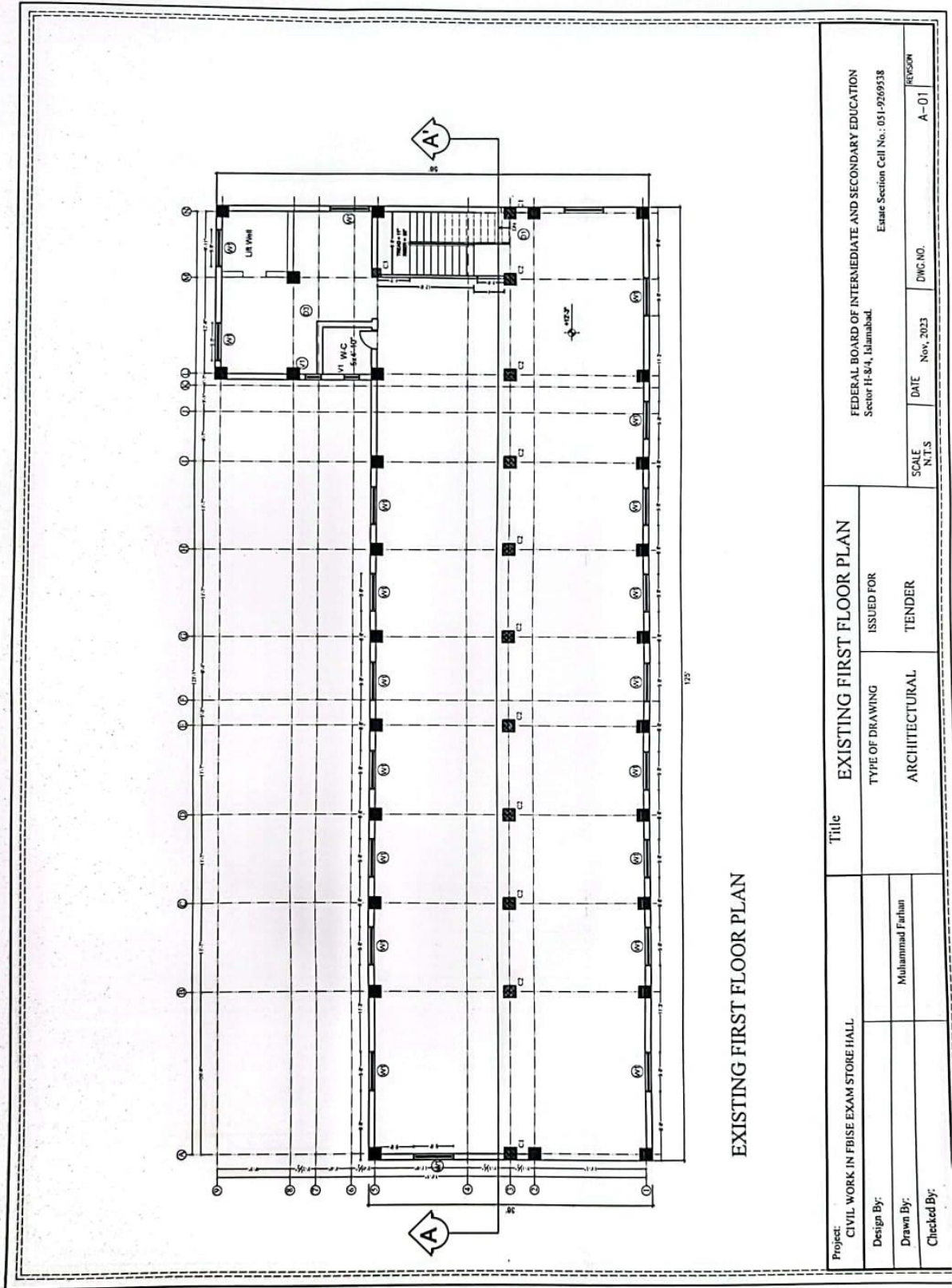
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Design By:		TYPE OF DRAWING:	ISSUED FOR:	SCALE:	DATE:
Drawn By:	Muhammad Farhan	ARCHITECTURAL	TENDER	N.T.S	Nov, 2023
Checked By:					DWG. NO.
					A-03
					REVISION

Items No	Description	Qty	Unit	Rate	Amount
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Project: CIVIL WORK IN FBISE EXAM STORE HALL		Title: EXISTING SECOND FLOOR PLAN		FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION Sector H-8/4, Islamabad. Estate Section Cell No. - 051-9269538	
Design By:	Muhammad Farhan	TYPE OF DRAWING	ISSUED FOR	SCALE	DATE
Drawn By:		ARCHITECTURAL	TENDER	N.T.S.	Nov, 2023
Checked By:					DWG. NO.
					A-02

Items No	Description	Qty	Unit	Rate	Amount
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Project: CIVIL WORK IN FBISE EXAM STORE HALL		Title: EXISTING FIRST FLOOR PLAN		FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION Sector H-8/4, Islamabad. Estate Section Cell No.: 031-9269538	
Design By:	Muhammad Farhan	TYPE OF DRAWING:	ARCHITECTURAL	ISSUED FOR:	TENDER
Drawn By:		SCALE:	N.T.S	DATE:	Nov, 2023
Checked By:		DWG NO.:		REVISION:	A-01