

**MINISTRY OF INTERIOR & NARCOTICS CONTROL NATIONAL
POLICE FOUNDATION (NPF), ISLAMABAD**

CONSTRUCTION OF HOUSES FOR ICT POLICE

PRICE BID

**BIDDING DOCUMENTS
VOLUME – IV**

LETTER OF PRICE BID
PREAMBLE TO BOQ
ESTIMATES

AUGUST, 2026



NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD
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LETTER OF PRICE BID AND BILL OF QUANTITIES

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Letter of Price Bid

Name of Contract: "Construction of Houses for ICT Police at Police Lines Headquarters, H-11, Islamabad"

To: **Director Admin**

National Police Foundation (NPF),
NPF Head Office, Mauve Area, G-10, Islamabad
Ph: 051-2350100

We, the undersigned, declare that:

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Specifications, Schedules to Bid including Bill of Quantities, Drawings and Addenda Nos. _____ for the execution of the above-named Works, we, the undersigned, offer to execute and complete such Works and remedy any defects therein in conformity with the said Bidding Documents and Addenda for the sum of Equivalent PKR _____ (Eq. Pak Rupees _____) or such other sum as may be ascertained in accordance with the said conditions.
2. We meet the eligibility requirements in accordance with IB.3.
3. We, including any Subcontractors for any part of the Contract, are not debarred/ blacklisted by the Employer, any Government/Semi Government/Public Department in Pakistan or foreign country, international organizations or other foreign institutions.
4. Our subcontractors or suppliers for any part of the Contract, if any, shall have nationalities from eligible countries, in accordance with IB.4.4.
5. We understand that all the Schedules attached hereto form part of this Bid.
6. We undertake, if our Bid is accepted, to commence the Works and to complete the whole of the Works comprised in the Contract within the time stated in Contract Data.
7. We agree to abide by this Bid for the period of 120 days, exclusive of 28 days beyond Bid validity period and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
8. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other Bidder for the Works.
10. We understand that you are not bound to accept the lowest or any Bid you may receive.
11. We undertake that all the information and documents submitted with the Bid are genuine, and in case of incorrect information of fake documents we shall be liable for punitive action under the Applicable Law.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Address.....

BILL OF QUANTITIES

(to be signed by the bidder)

PREAMBLE

1. **FOR SCHEDULED & NON-SCHEDULED ITEMS, THE BIDDER SHALL QUOTE PERCENTAGE ABOVE OR BELOW ON THE AMOUNT PUT TO BID AND GIVEN IN THE SUMMARY OF COST OF ESTIMATE.**
2. The Estimate shall be read in conjunction with the Conditions of Contract, Specifications and Drawings.
3. The Quantities given in the Bill of Quantities are estimated and provisional quantities and are given to provide a common basis for bidding. The basis for payment will be the actual quantities of work executed and measured by the Contractor and verified by the Engineer and valued at the rates and prices entered in the priced Bill of Quantities, where applicable, and otherwise at such rates and prices as the Engineer may fix as per Contract.
4. The rates and prices quoted in the BOQ, except insofar as it is otherwise provided under the Contract, include all costs of Contractor's plant, labour, supervision, materials, execution, insurance, profit, taxes and duties, together with all general risks, liabilities and obligations set out or implied in the Contract. Furthermore all duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as on the date 28 days prior to deadline for submission of Bid, shall be included in the rates and prices, and the total Bid Price submitted by the Bidder.
5. A rate or price shall be entered against each Non-Scheduled item in the priced Bill of Quantities, whether quantities are stated or not. The cost of items against which the Contractor will have failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
6. The whole cost of complying with the provisions of the Contract is included in the rates and prices given in the Priced BOQ. Where no items are provided, the cost is deemed to be distributed among the rates and prices for the other related items of the Works.
7. In case of any discrepancy in description or unit of any scheduled item provided in the BOQ with the description or unit of any scheduled item provided in Pak. PWD Schedule of Rates 2022, the description and unit of item as provided in Pak. PWD Schedule of Rates 2022 shall prevail.
8. General directions and description of work and materials are not necessarily repeated nor summarised in the Priced BOQ. References to the relevant sections of the Bidding Documents shall be made.
9. The items mentioned in the BOQ consist of furnishing all plant, labor, equipment, machinery, appliances, materials, fittings, fixtures, fabrication, erection and installation required for completing the items/works. The work shall be done in accordance with the Drawings, Technical Specifications, BOQ and directions of the Engineer complete in all respect.
10. Pak. PWD Specifications and the Technical Specifications shall be applicable for schedule Items and the non-schedule items, respectively. "Ref Spec. No. indicates the specification section number which as a whole or part (for which the Engineer shall be the sole judge) of these specifications are to be followed during execution of the item of work in accordance with the applicable drawings.
11. Complete description of items of works in the BOQ, general directions, conditions and limitations of works, location and place of works, applicable methods, means to be adopted, type and quality of materials, use of tools, plant, and machinery are not necessarily mentioned in the BOQ. Theses shall be referred to in accordance with the Drawings and Technical Specifications.

12. The bidder may ensure himself of the correctness of quantities and application of the individual items of works as per the Drawings, Technical Specifications and Contract Documents.
13. Notwithstanding provision of Clause 51 of the General Conditions of Contract Part-I, no claim for extra payment will be admissible on account of anticipated profit or variation in overheads expenditure for the works not actually performed nor will any adjustment in the unit rate set forth in the Estimate be made because of any increase or decrease in the quantities indicated therein.
14. The following abbreviations for units have been used in Bill of Quantities:

Units	Abbreviations
Running feet	Rft.
Square feet	Sft.
Cubic feet	Cft.
Kilogram	Kg.
Per Number	Each, Number, No.
Lump Sum Job	Job, Lot

Authorized Signature and official Seal: _____

Name: _____

Date: _____

**CONSTRUCTION OF HOUSES FOR ICT POLICE AT POLICE LINES
HEADQUARTERS, H-11, ISLAMABAD**

BILL OF QUANTITIES

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3	Electrical Works	E-1 of 5 to E-5 of 5

Authorized Signature and official Seal: _____

Name: _____

Date: _____

CONSTRUCTION OF HOUSES FOR ICT POLICE AT POLICE LINES HEADQUARTERS, H-11, ISLAMABAD

SUMMARY OF COST

A. COST OF WORKS:

BILL NO.	BILL DESCRIPTION	SCHEDULED ITEMS	NON-SCHEDULED ITEMS
1.	Civil Works	25,934,678.52	989,330/-
2.	Electrical Works	1,359,360/-	844,395/-
3.	Plumbing Works	2,973,626.3	817,500/-
TOTAL (FOR 1 HOUSE) (SCHEDULED & NON- SCHEDULED)		30,267,664.57	2,651,225/-
TOTAL (FOR 10 HOUSES) (SCHEDULED & NON- SCHEDULED)		302,676,645.66	26,512,250/-
PREMIUM IN THE FORM OF %AGE ABOVE / BELOW THE ESTIMATED PRICE PUT TO BID			
AMOUNT OF PREMIUM QUOTED (Rs.)			
QUOTED BID PRICE AFTER ADDING PREMIUM AMOUNT			
TOTAL QUOTED BID PRICE (SCHEDULED + NON-SCHEDULED) (Rs.)			

(Total Rupees in Words)

Total A+B (Scheduled + Non-Scheduled)

C: Sales Tax @ = Rs.

Total A+B+C (Scheduled + Non-Scheduled + Sales Tax)

In Words:

(_____)

Note: The Bidder shall carry over the quoted percentage to Letter of Price Bid page **LPB-1**.

B. PROVISIONAL SUM:

- i. Earth Retention System
- ii. DAB

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Rs. 1,000,000/-

Note-2: The Bidder shall not consider the amount stated against the Provisional Sum while quoting his Bid. All Provisional Sums amount are to be expended in whole or, in part at the direction and discretion of the Engineer in accordance with Sub- Clause 13.4 of the General Conditions except with respect to DAB fees and the expenses in accordance with GC Clause 21.

Authorized Signature and official Seal: _____

Name: _____

Date: _____

MINISTRY OF INTERIOR & NARCOTICS CONTROL NATIONAL POLICE FOUNDATION (NPF), ISLAMABAD

CONSTRUCTION OF HOUSES FOR ICT POLICE, ISLAMABAD

CIVIL WORKS

ENGINEER'S ESTIMATE

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

SCHEDULED ITEMS**EARTH WORK (EXCAVATION & EMBANKMENT)**

C-01	03-21	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) lift upto 5 ft (1.5m) 2) a) By Excavator (iii) Hard soil or Soft murum	1000 Cft	9.76	12,788.20	124,812.83
C-02	03-15	Filling, watering and ramming earth under floors. i) with surplus earth from foundation, etc.	1000 Cft	6.89	8,155.50	56,191.40
C-03	ii)	ii) With new earth excavated from outside lead upto one chain (30 m).	1000 Cft	2.55	17,545.50	44,741.03
C-04	03-54	Compaction of natural ground	1000 Sft	2.47	3,479.60	8,577.21

CONCRETE

	06-05	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) including all lead and lift.				
C-05	(f)	Ratio 1:2:4	100 Cft	2.09	49,107.58	102,634.84
C-06	(h)	Ratio 1:3:6	100 Cft	0.63	41,565.38	26,186.19
C-07	(i)	Ratio 1:4:8	100 Cft	17.55	36,053.08	632,731.55
	06-06	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.). a.) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects. including all lead and lift.				
C-08		(2) Type B (nominal mix 1:1½: 3)	Per Cft	3,688.00	874.23	3,224,160.24
C-09		(3) Type C (nominal mix 1: 2: 4)	Per Cft	62.00	795.63	49,329.06
		(b) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects:including all lead and lift. (2) Type B (nominal mix 1:1-1/2:3)				
C-10		(i) Upto 9" thick (Avg)	Per Cft	557.00	840.73	468,286.61

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
		(c) (iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- including all lead and lift.				
C-11		(2) Type B (nominal mix 1: 1½: 3)	Per Cft	1,274.00	718.58	915,470.92
	06-12	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars).				
		(b) Deformed bars				
C-12		i) Grade-40	100kg	117.10	30,148.15	3,530,348.37
	06-32	Providing and embedding 10" (250mm) wide PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect.				
C-13		ii) 10 mm thick	Rft	82.00	816.00	66,912.00
	06-37	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (b) with 2 coats of bitumen:				
C-14		ii) 2" thick (50 mm)	100Sft	2.43	14,064.30	34,176.00
BRICK WORK						
C-15	07-04(i)	Pacca brick work in 1:4 C/S mortar in foundation and upto plinth top:-	100Cft	19.44	42,355.65	823,393.84
C-16	07-05 (i)	Pacca brick work in 1:4 C/S mortar in Ground floor	100 Cft	58.82	43,384.35	2,551,867.47
C-17	07-06-i	Pacca brick work in 1:4 C/S mortar.'Add extra labour on item No. 5 for brickwork in (i) first floor:-	100 Cft	24.94	1,793.45	44,728.64
ROOFING						
C-18	09-15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each	6.00	1,240.85	7,445.10
C-19	09-35 (iii)	Providing and laying roof insulation, comprising of single layer of tiles 9"x4½"x1½" (225x113x40 mm) grouted with cement sand mortar 1:3 laid over 2" (50 mm) thick earth (including mud plaster) over thermopore sheet, over polythene sheet 300 gauge over a layer of bitumen, complete in all respects:- iii) Thermopore sheet 1" (25 mm) thick	100 Sft	20.03	18,654.85	373,656.65

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
	09-46	Providing and applying torch-on plain water proofing bitumenous membrane of specified thickness (made of Roof-Grip/ Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge				
C-20		a) Plain i) 3 mm thick	Per Sft	2,003.00	126.35	253,079.05
C-21	09-51	P/L false ceiling comprising of 5/8" thick plaster of paris sheet of required size in approved design with one line of 6" wide niche all around , hanging with Copper wire (16 SWG) duly enriched with POP and flaxen i/c the cost of making space for rope light/screws/jute/making holes for lights and rawal plugs complete in all respects as approved and directed by the Incharge.(Measurement will be made as per carpet Area).	Per Sft	2,573.00	130.90	336,805.70
FLOORING						
C-22	06-02	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	100Cft	12.79	14,076.50	180,038.44
C-23	10-14	Cement concrete tiles laid in 1:2 cement mortar, over ¾" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	100 Sft	2.70	21,784.90	58,819.23
C-24	10-25	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects b) New Grit / Mosaic Floor	100 Sft	25.94	4,838.65	125,514.58
C-25	10-34	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: i) 1/2"(13 mm) thick	100 Sft	6.33	20,227.25	128,038.49
	10-35	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"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 Incharge a) Full body Glazed tiles				
C-26		(iii) 600mm x 600 mm (24"x24")	Per Sft	2,598	459.75	1,194,430.50
C-27		(iv) 600mmx 1200 mm (24"x48")	Per Sft	776	510.15	395,876.40
C-28	10-38	Providing and laying 1" thick terrazo tile for specified colour & size full body, best quality with minimum 5000 PSI in approved design with adhesive bond over ¾" thick 1:3 cement plaster i/c the cost of sealer for finishing the joints i/c cutting, grinding, rubbing, filling Complete in all respect as approved and directed by the Engineer incharge. (Without Polishing) b) Size 24"x24"x1" ii) Coloured	Sft	2,594.00	451.45	1,171,061.30

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
	10-46	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design, Color and Shade with adhesive/bond over 3/4" 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 Incharge. a) Full body Glazed tiles				
C-29		(iii) 600mm x 600 mm (24"x24")	Per Sft	487	459.60	223,825.20
C-30		(iv) 600mmx 1200 mm (24"x48")	Per Sft	2,957	510.00	1,508,070.00
C-31	10-48	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Risers/Window Cills , 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 Incharge i) 3/4" thick China Verona	Per Sft	336	642.50	215,880.00
C-32	10-50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandum disc as approved and directed by the Engineer Incharge.	Per Rft	138.00	39.90	5,506.20
C-33	10-51	Extra cost for making hole in Marble slab for fixtures, Sink, burners, basin Vanities i/c cost of bevelling of internal edge as approved and directed by the Engineer Incharge.	Each	7.00	980.70	6,864.90
C-34	10-47	Providing and laying Marble flooring / Skirting of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing, complete in all respect as approved and directed by the Engineer Incharge. viii) China Verona uniform texture (Spotless) 3/4" thick (size 12"x24"/12"x36")	Per Sft	44.00	539.30	23,729.00
C-35	10-19	Extra labour for each storey above ground, for mosaic, conglomerate, tiles, stone and wooden floor. (First floor)	100 Sft	29.00	1,218.10	35,324.90
SURFACE RENDERING						
C-36	11-9(b)	Cement plaster 1:4 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	100 Sft	79.92	4,958.80	396,307.30
C-37	11-9(c)	Cement plaster 1:4 upto 20' (6.00 m) height: c) 3/4" (20 mm) thick	100 Sft	57.48	6,641.30	381,741.92
C-38	11-29	Extra for lime, mud or cement plaster and pointing from 20' (6.00 m) and above for each additional 10' (3.00 m) height or part thereof. (20'~30')	100 Sft	17.50	659.45	11,540.38

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
C-39	11-12	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	100 Sft	12.27	5,676.55	69,651.27
C-40	11-29	Extra for lime, mud or cement plaster and pointing from 20' (6.00 m) and above for each additional 10' (3.00 m) height or part thereof. (20'~30')	100 Sft	5.99	659.45	3,950.11
C-41	11-39	Preparing surface and applying Graffiato Weather Coating (Co-polymer emulsion) of approved colour & shade with weather resistant pigment, highly water repellant with Metallic Spatula having top class finish by smoothing with a plastic Spatula, on a base coat (Primer) over well cleaned plastered surface complete in all respect as approved and directed by the Engineer Incharge.	Per Sft	5,748.00	86.45	496,914.60
PAINTING AND VARNISHING						
C-42	13-9	Bitumen coating to plastered or cement concrete surface:- i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m)	100 Sft	23.70	2,825.10	66,954.87
	13-31	Preparing surface and painting emulsion paint :				
C-43		a) 1st coat	100 Sft	92.19	1,791.60	165,168.00
C-44		b) 2nd & each subsequent coat.	100 Sft	184.38	1,395.55	257,312.00
C-45	13-46	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	100 Sft	92.19	576.25	53,124.00
DOORS AND WINDOWS						
	12-23	Providing and fixing wooden box type wardrobe 22" (550mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:-				
C-46		i) Partial wood boxing and deodar wood shelves and leaves, etc.	Per Sft	381	2,651.40	1,010,183.40
C-47	12-59	Providing & fixing box type kitchen cabinets consisting of 3/4" thick both side Laminated MDF sheet shutter and boxes and back of 3 mm thick laminated MDF sheet i/c the cost of PVC edge binding duly hot pressed on all edges of the shutters /panels etc., with machine i/c the cost of self closing blum type hinges S.S, handles, screws, Glue and rawal plugs, locking arrangement complete in all respect as approved and directed by Engineer Incharge.	Per Sft	186	1,651.30	307,141.80
C-48	12-64	Providing and fixing Imported Mortise Lever Handle Lock with back plate (Machine, Cylinders, Lever Handles (Pair) and backplate (Pair) of approved quality, design & finish, including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved and directed by the Engineer Incharge	Each	1	4,569.55	4,569.55

S. No.	MRS RWP 2nd-2026	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
C-49	25-51	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux 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, hardware etc., as approved by the Engineer in-charge	Per Sft.	1,114	1,290.60	1,437,728.40
C-50	25-52	Providing and fixing Aluminum Fly screen comprising of fiber/ Aluminum wire guaze (Malasian) 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 Hardwares as approved and directed by the engineer incharge. complete in all respect.	Per Sft.	557	538.30	299,833.10
C-51	12-05	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge b) Ash wood Door (i) 2" thick (50 mm)	Sft	39	3,753.45	146,384.55
C-52	12-13	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	Per Sft	533.00	909.20	484,604.00
C-53	12-18	Providing and fixing 3"x4-1/2" chowkat for doors, windows and C. windows, including holdfast, etc b) Deodar wood	Per Sft	572.00	1,075.45	615,157.00
C-54	12-30	Providing and fixing approved quality rim lock adjustable over the style surface	Each	20	1,680.00	33,600.00
IRON WORKS						
C-55	25-31	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and 3/4" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	Per Sft	140	2,648.10	370,734.00
C-56	25-38	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c staines steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge	Per Rft	36	3,387.45	121,948.20

MINISTRY OF INTERIOR & NARCOTICS CONTROL NATIONAL POLICE FOUNDATION (NPF), ISLAMABAD

CONSTRUCTION OF HOUSES FOR ICT POLICE, ISLAMABAD

PLUMBING WORKS

ENGINEER'S ESTIMATE

Sr. No.	MRS, 2nd Bi Annual-2026 Chapter/item	DESCRIPTION	UNIT	QTY.	RATE (Rs.)	AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

SCHEDULED ITEMS:

SANITARY FIXTURES AND FITTINGS

	19 / 3	Providing and fitting imported floor mounted European coupled set of Water Closet (WC) and flushing Cistern of PORTA/ Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.				
BP-01	B iii.	One Piece PORTA HD 102N Toilet Cito with Hydraulic Seat Cover	Each	5	59,851.10	299,256
BP-02	19 / 5	Providing and fitting white glazed earthen ware water closet, squatter type, with separate foot rest.	Each	1	8,761.75	8,762
BP-03	19/12/b-i	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete , white	Each	1	5,804.95	5,805
	19/46	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized polyvinyl Chloride) Nikasi/ waste pipe Fittings make of Dadex /Popular/Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge.				
	a)	P-Trap				
BP-04		(i) 4" dia	Each	1	960.20	960
BP-05	19 / 4 / ii page 118	Providing and fixing, flushing bend of PVC , 4cm (1-1/2")	Each	1	394.65	395
	19 / 7	Providing and fitting glazed earthen ware wash hand basin/vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.				
BP-06	(i)	white with pedestal	Each	2	12,051.55	24,103
BP-07	(v)	Under Counter Vanity Basin	Each	4	13,047.55	52,190
BP-08	19 / 8	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each	2	15,809.45	31,618.90
BP-09	19 / 27	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	Each	2	3,950.00	7,900.00
BP-10	19 / 13	Providing and fixing, chromium plated soap dish.	Each	6	981.60	5,890

Sr. No. (a)	MRS, 2nd Bi Annual-2026 Chapter/item (b)	DESCRIPTION (c)	UNIT (d)	QTY. (e)	RATE (Rs.) (f)	AMOUNT (Rs.) (g)
BP-11	19 / 15	Providing and fixing, chromium plated toilet paper holder.	Each	5	1,271.85	6,359
BP-12	19 / 16 / i	Providing and fixing, chromium plated towel rail, 60 cm (24") long, and 2 cm (3/4") dia	Each	6	1,337.20	8,023
BP-13	19 / 17	Providing and fixing looking glass 55x40 cm (22"x16") size and minimum 5 mm thick, first quality.	Each	6	1,546.20	9,277
BP-14	19 / 24/ ii	Providing and fixing chromium plated bib cock 1.5cm (1/2")	Each	5	1,588.00	7,940
BP-15	19 / 25	Providing and fixing chromium plated Tee stop cock 15mm (1/2")	Each	19	2,068.00	39,292
	19 / 49	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 incharge				
BP-16	ii	Lever Type Basin Mixer	Each	6	6,707.00	40,242
BP-17	iii	Double Bib Cock	Each	6	1,907.00	11,442
BP-18	iv	Open Type Wall Shower	Each	5	18,707.00	93,535
BP-19	v	Muslim shower	Each	6	2,387.00	14,322
BP-20	vii	Bottle Trap	Each	6	1,487.00	8,922
BP-21	19 / 7 / i page 121	Providing and fixing 1.5 cm (1/2") dia connection, including check nuts, etc, (plastic rubber connection)	Each	6	388.80	2,333
	19 / 53	Supply & Installation of Duel (Electric and Gas Water Heaters) with factory-installed pressure relief valve, adjustable water temperature control thermostate, Copper connections for specific capacity having leaving waterr temprature 140 deg F & working pressure 15 PSI, Ambassador/Canon or approved manufacturer i/c cost of all accessories to complete the job as per specifications and standards & making connection, complete in all respect as approved and directed by Engineer Incharge.				
BP-22	ii	55 Gallons	Each	1	83,161.50	83,162

Sr. No. (a)	MRS, 2nd Bi Annual-2026 Chapter/item (b)	DESCRIPTION (c)	UNIT (d)	QTY. (e)	RATE (Rs.) (f)	AMOUNT (Rs.) (g)
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WATER SUPPLY PIPES AND FITTINGS

	23 / 33 / b	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex / Popular / Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077 - 8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal / External Diameters mentioned). PN20				
BP-23	ii	25mm dia	Rft	300	101.85	30,555
BP-24	iii	32mm dia	Rft	200	162.10	32,420
BP-25	iv	40mm dia	Rft	350	247.30	86,555
	23 / 38	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 Incharge.				
BP-26	i	1/2" dia	Each	3	1,248.00	3,744
BP-27	ii	3/4" dia	Each	1	1,524.00	1,524
	23 / 42	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK) or Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut/bolt and gasket where required complete in all respect as approved and directed by the Engineer Incharge.				
BP-28	a-ii	3/4" dia Brass Threaded Valves	Each	8	3,510.00	28,080
BP-29	a-iii	1" dia Brass Threaded Valves	Each	5	5,025.60	25,128
BP-30	a-iv	1-1/4" dia Brass Threaded Valves	Each	2	7,039.20	14,078
	23 / 44	Providing and fixing heavy duty Check Valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges,nut/bolt and gasket where required complete in all Providing and fixing heavy duty Check Valve of specified diameter and respect as approved and directed by the Engineer Incharge				
BP-31	a-iii	1" dia Brass Threaded Valves	Each	1	5,269.20	5,269
BP-32	a-iv	1-1/4" dia Brass Threaded Valves	Each	2	7,212.00	14,424
	23 / 45	Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge, Automatic				
BP-33	a-ii	3/4 inches	Each	2	1,896.00	3,792

Sr. No. (a)	MRS, 2nd Bi Annual-2026 Chapter/item (b)	DESCRIPTION (c)	UNIT (d)	QTY. (e)	RATE (Rs.) (f)	AMOUNT (Rs.) (g)
	19 / 8 page 121	Providing and fixing brass ball float valve:				
BP-34	iii	2.5 cm (1") dia	Each	1	1,550.00	1,550
<u>SOIL, WASTE AND VENT PIPES & FITTINGS</u>						
	19 / 45	Providing, fixing, testing and commissioning of (Unplasticized Polyvinyl Chloride Nikasi /SWV pipe, Dadex /Popular /Beta or approved equivalent manufacturer ,plain/Bell Ended/ ZJoints conforming to BS4514/ BS5255- EN1329 including the cost of specials and Solvents complete in all respects ,as per drawings & specifications and /or as approved and directed by the Engineer Incharge.				
BP-35	iii	50mm	Rft	60	103.95	6,237
BP-36	iv	82mm	Rft	150	160.60	24,090
BP-37	v	110mm	Rft	100	254.30	25,430
BP-38	vi	160mm	Rft	150	493.40	74,010
	19 / 46	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized polyvinyl Chloride) Nikasi / waste pipe Fittings make of Dadex / Popular / Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge.				
BP-39	b-i	Multi-Trap 4"	Each	12	1,436.10	17,233
BP-40	c-ii	Vent Cowel 3"	Each	5	386.10	1,931
BP-41	d-i	Clean out 4" Dia	Each	1	441.40	441
BP-42	d-ii	Clean out 3" Dia	Each	1	354.30	354
	19 / 12 page 122	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.				
BP-43	(i)	4" Diameter	Each	5	1,254.95	6,275
	21 / 5	Constructing gully grating chamber, 12"x12", (300x300 mm) complete in all respects:				
BP-44	a)	with C.I. gully trap, weighing 81 lbs. (36.75 Kg.) frame hinged safety type.	Each	5	17,360.10	86,801

Sr. No. (a)	MRS, 2nd Bi Annual-2026 Chapter/item (b)	DESCRIPTION (c)	UNIT (d)	QTY. (e)	RATE (Rs.) (f)	AMOUNT (Rs.) (g)
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STORM DRAINAGE PIPES & FITTINGS

	19 / 45	Providing, fixing, testing and commissioning of (Unplasticized Polyvinyl Chloride Nikasi /SWV pipe, Dadex /Popular /Beta or approved equivalent manufacturer ,plain/Bell Ended/ ZJoints conforming to BS4514/ BS5255- EN1329 including the cost of specials and Solvents complete in all respects ,as per drawings & specifications and /or as approved and directed by the Engineer Incharge.				
BP-45	v	110mm	Rft	50	254.30	12,715
	19 / 13 page 122	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge.				
BP-46	(i)	4" Diameter	Each	2	1,284.80	2,570

FIREFIGHTING

	23 / 54	Providing and fixing of fire extinguishers of following type and capacities complete in all respect as approved and directed by the Engineer Incharge:				
BP-47	i)	Dry Chemical Powder capacity 6 Kg	Each	1	13,329.60	13,330
BP-48	iv)	K-Type wet chemical capacity 6 Litters.	Each	1	48,232.80	48,233

MISCELLANEOUS

	19 / 37	Supply and fitting of cast iron manhole cover square / circular with frame, etc. complete.				
BP-49	i)	30 cm (12")	Each	6	2,532.00	15,192
BP-50	ii)	45 cm (18")	Each	1	3,492.00	3,492
BP-51	iii)	60 cm (24")	Each	2	6,089.85	12,180

Total of Scheduled Items (Rs.) 1,359,360

NON-SCHEDULED ITEMS:

(Ref. Specs 5100, 5240)

GENERAL NOTE

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per drawings, specifications and as approved by the Engineer.

SANITARY FIXTURES AND FITTINGS

BP-52	NS-01	Triple water filter (10") including inlet and outlet connections, power supply, and all accessories for complete installation	Each.	1	32,450	32,450
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Sr. No. (a)	MRS, 2nd Bi Annual-2026 Chapter/item (b)	DESCRIPTION (c)	UNIT (d)	QTY. (e)	RATE (Rs.) (f)	AMOUNT (Rs.) (g)
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WATER SUPPLY PIPES AND FITTINGS

G.I. water pipes conforming to BS-1387, Medium Grade, l/c all fittings, wrapping polythene tape, giving anticorrosion treatment, applying protective painting, clamps, hangers & supports, making holes in concrete or masonry and then repairing holes, flushing, disinfecting, testing and commissioning etc. of approved make, of the following diameters, complete in all respects.

BP-53	NS-01	3/4 inch	Rft	10	515	5,150
BP-54	NS-02	1 inch	Rft	20	755	15,100
BP-55	NS-03	1-1/4 inches	Rft	20	825	16,500

NATURAL GAS PIPES AND FITTINGS

G.I. pipes for gas works conforming to BS-1387, Medium Grade, l/c all fittings, wrapping polythene tape, giving anticorrosion treatment, applying protective painting, clamps, hangers & supports, making holes in concrete or masonry and then repairing holes, flushing, disinfecting, testing and commissioning etc. of approved make, of the following diameters, complete in all respects.

BP-56	NS-04	1/2 inch	Rft	30	425	12,750
BP-57	NS-05	3/4 inch	Rft	200	515	103,000

MISCELLANEOUS

BP-58	NS-07	3/4" diameter Galvanised MS ladder rungs for water tanks; each rung of 18" width, 6" projected outside the wall and 6" embedded in RCC on both ends; including all necessary works for complete installation.	Each	10	1,490	14,900
BP-59	NS-08	Dia 2" u-turned G.I. vent pipes, puddle plate, with insect proof mesh at open end etc., complete in all respects.	Job	1	7,545	7,545

PUMPING MACHINERY

BP-60	NS-09	Automatically operated submersible stainless steel centrifugal pump set (in UGWT) for lifting water from Underground water tank to Overhead water tank for potable water, comprising pump with electric motors, Head=03 Bars and discharge=20 gpm, including all accessories, level switches to be installed in overhead & under ground water tank for automatic operation of pumps at set levels, dry running protection, motor control unit, Gate valve, check valve etc manual tools, spare parts etc, complete in all respects as shown in drawings and as directed by the Engineer. Capacity = 20gpm Head = 3 Bar	Job	1	283,000	283,000
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MINISTRY OF INTERIOR & NARCOTICS CONTROL NATIONAL POLICE FOUNDATION (NPF), ISLAMABAD

CONSTRUCTION OF HOUSES FOR ICT POLICE, ISLAMABAD

ELECTRICAL WORKS

ENGINEER'S ESTIMATE

Sr. No.	Ref: MRS-2026 (2nd BI Annual) / Non-Schedule	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
a	b	c	d	e	f	g

Schedule Items

Conduits & Pipes

Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials.

	2					
E-01	ii	20 mm i/d	Rft.	5,000	120.45	602,250.00
E-02	iii	25 mm i/d	Rft.	2,500	140.15	350,375.00
E-03	vi)	50 mm i/d	Rft.	30	241.95	7,258.50
E-04	viii)	100 mm i/d	Rft.	150	385.55	57,832.50

P/F PVC doublelayer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider or approved equivalent manufacturer, screws complete as approved and directed by the Engineer Incharge

	105					
	a)	One way Gange Switch (Small)				
E-05	(i)	01 Gange	Each	5	463.20	2,316.00
E-06	(ii)	02 Gange	Each	10	704.40	7,044.00
E-07	(iii)	Three pin Light Plug 10/13 Amp	Each	46	754.45	34,704.70
E-08	(iv)	Telephone / TV/Datacable socket	Each	6	662.45	3,974.70
E-09	(vi)	Fan Dimmer	Each	16	740.60	11,849.60
E-10	(vii)	Bell push	Each	1	598.20	598.20
E-11	(viii)	Three Pin Power Plug 15-32 Amp	Each	11	924.55	10,170.05
	b)	One way Gange Switch (Large)		0		
E-12	(i)	04 Gange	Each	10	981.25	9,812.50
E-13	(ii)	05 Gange	Each	10	1,151.35	11,513.50
E-14	(iii)	06 Gange	Each	2	1,405.85	2,811.70
	c)	Two way Gange Switch Small				
E-15	(i)	01 Gange One Way/ Two Way	Each	2	775.85	1,551.70

Sr. No.	Ref: MRS-2026 (2nd BI Annual) / Non-Schedule	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
a	b	c	d	e	f	g

Wiring

Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-

	8					
	c)	450/750 volts, PVC insulated:				
E-16	ii)	1.5 mm sq (3/0.029")	Per Rft.	15,000	42.75	641,250.00
E-17	iii)	2.5 mm sq (7/0.029")	Per Rft.	3,000	63.10	189,300.00
E-18	iv)	4 mm sq (7/0.036")	Per Rft.	3,000	83.40	250,200.00

LT Cables

Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-

	10					
E-19	v)	6 mm sq (7/0.044")	Per Rft.	30	102.60	3,078.00
E-20	vi)	10 mm sq (7/0.052")	Per Rft.	150	159.50	23,925.00

Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):-

	11					
	c)	PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:-				
E-21	v)	6 mm sq (7/0.044")	Per Rft.	30	391.45	11,743.50
E-22	vi)	10 mm sq (7/0.052")	Per Rft.	150	621.90	93,285.00
E-23	vii)	16 mm sq (7/0.064")	Per Rft.	10	951.05	9,510.50

Fans and Exhaust Fans

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 Incharge.

	102					
E-24	a)-i	Plastic body - 10" dia	Each	5	5,235.50	26,177.50
E-25	a)-ii	Plastic body - 12" dia	Each	1	5,685.50	5,685.50

b) Steel body

E-26	i	12" sweep	Each	1	5,516.75	5,516.75
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Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.

	103					
E-27	ii)	24" Sweep dia	Each	1	10,703.00	10,703.00

Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.

	104					
E-28	(iii)	56" dia	Each	16	10,180.20	162,883.20

Sr. No.	Ref: MRS-2026 (2nd BI Annual) / Non-Schedule	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
a	b	c	d	e	f	g

DATA NETWORK & WIFI SYSTEM**Data Cabling System**

E-29	123	Supply, Installation and commissioning of wiring with 4-pair data Cable, 23AWG UL/ EN listed cable *Conforming to following standards: TIA/EIA568/ISO/IEC11801, in prelaidd conduit/ cable tray from including all accessories, Manufacturer/ OEM Authorization, Make: Schneider/ i-connect UK/ 3M Corning USA/ D-Link/ Pollo Australian or equivalent complete in all respect as approved and directed by Engineer Incharge.				
E-30	a-ii)	UTP (Unshielded Twisted pair) CAT-6A (Min.1G/ 10G @ 500MHz or higher)	P.Rft	1,000	69.60	69,600.00
E-31	131	Supply and installation of Cable Metal Organizer, 19" Rack mounted with high graded epoxy powder coating and slideable top-UL Listed. Made of Schneider/ i-Connect UK/ 3M Corning :Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge.	Each	1	4,108.80	4,108.80
	85	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMANY/TERASAKI JAPAN/ SWITZERLAND or approved equivalent manufacturer in prelaidd DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge				
E-32	a) (iii)	Single Pole 6-63 Amp (10 KA)	Each	35	1,459.05	51,066.75
E-33	b)	Double Pole iii) 6-63 Amp (10 KA) 63 Amp (Incoming Breaker)	Each Each	2 2	5,621.55 5,621.55	11,243.10 11,243.10
	90	P/F wall mounted DB (Distribution Board) made with 16SWG sheet (Recessdded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Natural & Earth Bar, Door Earthing, Digital Voltmeter,Digital Ammeter,Volt Selector Switch,Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer P/F wall mounted DB (Distribution Board) made with 16SWG Sheet Incharge (Breakers will be Paid Separately).				
E-34	(a) (i)	6" deep 20~60A	P.CFT	100	2,436.70	243,670.00

Sr. No.	Ref: MRS-2026 (2nd BI Annual) / Non-Schedule	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
a	b	c	d	e	f	g
	94	Providing and fixing DB/Panel accessories of required rating and size i/c copper screws of approved brand Complete in all respect as approved and directed by the Engineer Incharge				
E-35	i)	Selector Switch	Each	2	1,228.80	2,457.60
E-36	(iii)	Digital Voltmeter (0-600 Volt)	Each	2	1,012.80	2,025.60
E-37	(iv)	Digital Ammeter (0-9999 Amp)	Each	2	1,228.80	2,457.60
E-38	(v)	LED Phase Indicator	Each	6	622.80	3,736.80
E-39	(vi)	Push Button ON/OFF (Make: Schneider/Himal/Eqv.)	Each	6	631.15	3,786.90
E-40	76	Supply and erection of electric energy meter, including meter testing fee, etc b) Three phase, 4 wires: i) 3x50 Amp, 400 volts	Each	1	20,909.45	20,909.45
Total of Scheduled Items (Rs.)						2,973,626.30

Non - Schedule Items

Light Fixtures

Ref. Specs Sec. 8001, 8150

Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, SPD, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and specification, complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, 110 Lumens/watt. Operating Life 30,000hrs, IEC Certified.

Note: Refer light fixtures drawings/Schedule for complete light fixtures details.

E-41	NS-01	40 watt Surface mounted Damp proof LED Light Fixture with 4400 lumens min., 30000 Life Hrs. fixed output LED driver, IP20 rated, PF=.95 complete in all respects.	No.	19	9,500.00	180,500.00
E-42	NS-02	(16-20) Watt Surface mounted LED batten Light Fixture with 2000 lumens min., 30000 Life Hrs. fixed output LED driver, IP20 rated, complete in all respects.	No.	15	2,500.00	37,500.00
E-43	NS-03	15-20 W Surface/ ceiling Mounted LED downlight with built in integrated driver and frosted glass diffuser	No.	86	3,500.00	301,000.00
E-44	NS-04	7-10 W Surface/ ceiling Mounted LED downlight with built in integrated driver and frosted glass diffuser	No.	10	1,950.00	19,500.00
E-45	NS-05	Outdoor type LED bulkhead wall light of minimum 1500 lumens light output, IP-55 or better rated	No.	19	6,500.00	123,500.00
E-46	NS-07	Schliender as approved by the Engineer/Architect	No.	3	20,000.00	60,000.00

Sr. No.	Ref: MRS-2026 (2nd BI Annual) / Non-Schedule	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
a	b	c	d	e	f	g

EARTHING SYSTEM
(Ref. Spec. Sec. 8001 , 8240)

E-47	NS-08	305 mm long, 50 mm wide and 6mm thick copper busbar as ECP (Earth Connecting Point) complete with insulators, washers, nuts, bolts mounting installation and operational accessories as per site requirements.	Job	1	95,500	95,500
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TOTAL OF NON-SCHEDULED ITEMS (Rs.) 817,500.00

TOTAL SCHEDULE AND NON-SCHEDULED COST Rs. 3,791,126.30
