



न्यूक्लियर पॉवर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

Nuclear Power Corporation of India Limited

(भारत सरकार का उद्यम Government of India Enterprise)

कैगा स्थल KAIGA SITE

CENTRALISED TENDER CELL केंद्रीय नीविदा प्रकोष्ठ

Corporate Identification No. U40104MH1987GOI149458

Phone: +91 8382 264002, Fax: +91 8382 264025, sdileep@npcil.co.in Website: www.npcil.nic.in
Head, CTC, NPCIL, Kaiga Site, Kaiga-581 400, Tq: Karwar, Dist: Uttara Kannada, State: Karnataka



Ref: NPCIL/KGS/CTC/CPPP-072/WO/2025/1145

Date: 29/05/2025

To:

M/s Wintech Engineers & Contractors,
1-B-14, RHB Colony, Kunhari, Kota,
Rajasthan, Pin: 324008

Kind Atten: Shri Madhaw Kumar

Cell No.: 9413108023

E-mail ID: kumarmadhav001@gmail.com

Work Order No.	:	102151
S.L. Code	:	W0013102151
Account Code	:	74300
Charge Code	:	9953
MSME	:	NA

WORK ORDER NO.: 2025_NPCIL_226347_1/WO

Name of work: Repair, Rectification and maintenance of Recreation club (Anupoorna)
at Phase-I, Kaiga Township.

- Ref: 1) Tender No.: NPCIL/KGS/CTC/E&US-CIVIL-TS/CPPP/2025/072
2) Last date of submission of tender is 05.03.2025
3) Negotiation MOM No.: NPCIL/KGS/CTC/2025/MOM/072/11 dated: 16.04.2025.

Dear Sir,

1) BID ACCEPTANCE:

- 1.1 This is to inform you that, the bid submitted by you subsequently modified as referred above (Ref.3) has been accepted for and on behalf of NPCIL, for the items of work shown in the enclosed schedule of quantities and rates for a total value of ₹. 1,93,70,246/- (Rupees One Crore Ninety three lakhs Seventy thousand two hundred forty six only) inclusive of all applicable taxes and including 18% GST.

2) QUANTITIES & RATES

- 2.1 You may note that the rates are for complete items of work including supply of all materials (unless otherwise specified), consumables, all temporary arrangements, all labours, all prevailing duties, taxes including GST.

2.2 Please note that, you have agreed [vide MOM: NPCIL/KGS/CTC/2025/MOM/72/11 dated: 16.04.2025]

Item No.	% variation (+)	Unit	Est. Rates in Rs.	Quoted Rates in Rs.	Negotiated Rates in Rs.
Part-A: 3.1	71.84	SqM	1513	2600.00	2500.00
3.2	80.65	SqM	1550	2800.00	2650.00

AHR Items: Part-A: Item No.: 3.1, 3.2 (2Nos.)

ALR Item/s: Part-A: Item No.: 1.1, 2.2, 5, 11, 14, 26, 29, 31, 33, 34 Part-B: 7, 10, 13.2, 15 Part-C: 2.3 (15 Nos.)

2.3 Payment to the manpower deployed for this work shall be made as specified in the tender.

3) CONTRACT PRICE ADJUSTMENT:

Escalation of payment shall be applicable as per **Sl. No.: 21** of Schedule – A.

4) EXECUTION OF WORK:

The work shall be carried out strictly in accordance with the terms, conditions, specifications and drawings stipulated in the tender and also in best work man like manner. You shall employ and maintain qualified engineers / supervisors in the job at all times. You shall also bring to the site and employ such machinery and equipment and other materials as are necessary for the satisfactory completion of this work.

5) CONTRACT PERIOD:

5.1 Schedule completion Period:

The work shall be completed in all respect within **243 calendar days** from the date of commencement. The date of commencement of work will be reckoned within **Seven (07) days** from the **date of issue of Work Order**. The time shall be essence of the contract and the work shall be completed as per approved program of work.

5.2 Defect Liability Period:

The Defect Liability Period is 12 Months - **Sl. No.: 18** of Schedule - A.

6) AUTHORISED OFFICIALS:

6.1 You are requested to inform the name of the authorized representative who will deal with all matter relating to the contract and the Power of Attorney in his favour duly executed on stamped paper of an appropriate value shall be furnished.

6.2 During the execution of the contract and until completion certificate is issued you will be fully liable to compensate all concerned for any loss, damage or destruction of work, structure, property etc. including third party risk arising due to causes attributable to you which will be decided by the engineer-in-charge whose decision in this regard will be final.



7) INSURANCE:

You are required to take out following insurance policies applicable to this contract at your cost immediately after receipt of this work order from the date of commencement of work to the **end of the Defect Liability Period** for the whole contract value inclusive of GST.

- a) **CAR policy for the whole contract value** – Applicable as per Schedule A
- b) **The Insurance amount should cover THIRD PARTY LIABILITY to 10% of Contract value subjected to maximum of Rs. 50.00 Lakhs.** – Applicable as per Schedule A
- c) **Employees State Insurances for contract workers.** – Applicable as per Schedule A
- d) **Wherever ESI Act not covers the contract worker based on monthly wage / salary, contractor shall obtain the employees / Workmen compensation for such workers.**

You may note that all insurance policies taken under 7 (a), (b) & (d) are to be in Joint names of Corporation and the contractor and specific to work by mentioning the name of work and Work Order Number in the policies and all Policies in Original should be submitted to the engineer-in-charge before the date of commencement of work. Copy of ESI registration certificate shall be submitted to **engineer-in-charge of work**, before commencement of the work.

8) TAXES & DUTIES:

For tax related compliance (including TDS) refer Supplement/ Amendment to GCC (Additional document pg no.:291/346).

9) ENGINEER-IN-CHARGE:

Shri Abhaykumar Gupta, SO/C, Civil-Township, will be the **Engineer-in-charge** of this work. You may make necessary arrangements for commencing the work immediately in consultation with Engineer-in-Charge.

10) SECURITY DEPOSIT:

Security Deposit shall be **@10 %** of the contract value will be **₹.19,37,025/-** (including GST), **(Rupees Nineteen lakhs Thirty-seven thousand, twenty-five only)**

10.1 Performance Guarantee: (This clause revised on 09.12.2022)

As per **Clause No.: 4.2.3** of **GCC** you shall submit a performance guarantee for **₹.9,68,513/-** (50% of Security Deposit) to the Corporation within 30 days after issue of work order. It should cover the contract period plus Defects Liability period. In case, the Bank Guarantee need to be submitted as per the format given in tender document.

10.2 Retention Money:

As per **Clause No.: 4.2.5** of **GCC**, the remaining amount (50% of Security Deposit) of Security Deposit of **₹.9,68,512/-** will be deducted as a Retention money from the RA bill / final bill at the rate of 6% of each bill amount. Security Deposit amount will not bear any interest.



10.3 Refund of Security Deposit:

Refund of Security deposit will be regularized as per **General Condition of Contract**.

11) APPLICABLE LAWS & ACTS:

- 11.1 You shall comply with various provisions of the contract labour (Regulations & Abolition) Act 1970 and rules framed thereafter from time to time. In case, the Contract Labour Act does not apply to your organization you should intimate the Engineer-in-Charge of this work accordingly before commencing the work. Further you shall also comply with the provisions of other laws such as Workmen's Compensation Act 1923, Minimum Wages Act 1948, E.P.F. Act, ESI Act, Gratuity Act and other labor laws as applicable to your organization. In case, NPCIL is required to incur any expenses as principal employer under the provisions of the various laws, NPC shall be entitled to recover the same from you / your bills.
- 11.2 You have to give request for the issue of Principal Employer's Certificate for obtaining labour license based on the maximum number of workmen you proposed to employ for this work. You may please note that within 14 days from the date of issue of this work order, you will have to apply for a labour license to the Asstt. Labour Commissioner, of the area, for the maximum number of workers you had indicated to engage on the work.
- 11.3 The contractor shall make the payment to all its labours on or before 7th of succeeding month and as per special condition of contract.
- 11.4 Labour License (if applicable),

12) PAYMENT TERMS:

- 12.1 The progressive monthly payment for the work completed and accepted by Engineer-in-charge shall be made through Running Account bills once in a month on submission of measurement / bill by the contractor. Submission of bills on monthly basis shall be ensured by the contractor.
- 12.2 Payment of bills will be processed on submission of GST invoice duly supported with Annexure-8 (Declaration form for GST).
- 12.3 In addition to above, first Running Account bill will be processed only on submission of Intimation from Tender Section regarding Work order acceptance & agreement signed by the contractor, Insurance Policies, copy of PAN, GST Registration Certificate, cancelled cheque for bank account details etc., to the Engineer-in-charge.

13) PENALTY & LIQUIDATED DAMAGES CLAUSE:

Penalties imposed by Engineer-in-charge for non-compliance or violation of certain conditions of contract, Liquidated Damages for delay in execution and any other penalty in the nature of fine imposed during execution of work will be recovered along with applicable GST there on from bills of the contractor before release of payment.

14) SECURITY, SAFETY & HOUSEKEEPING:

You may have to comply all Security, Safety rules & regulations, Environmental measure as defined in the Contract.

You shall submit the Police Verification Certificate [PVC] for you, your staff and labour; as a pre-condition to issue of RFID cards / Gate Passes [if applicable].

15) TRANSPORT & ACCOMMODATION:

Contractor shall make his own arrangement for Accommodation & Transportation of manpower deployed for this work.

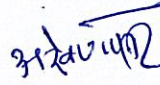
16) AGREEMENT:

A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s Wintech Engineers & Contractors**, will be executed within the period from the date of issue of this work order. Till a **formal agreement** is executed the original tender together with letters under reference and this work order shall form the binding contract between NPCIL and **M/s Wintech Engineers & Contractors**.

Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL


मुख्य अभियंता, (ई&युएस)
Chief Engineer, (E&US)
28-5-2025

Copy to:

- 1) Engineer-in-Charge
- 2) Sr. Manager (F&A) KGS 1-4 (With SOQR, Schedule- A)
- 3) Sr. Manager (HR-ER) KGS 1-4
- 4) V.O. KGS 1-4
- 5) Head (IS&F), KGS 3&4
- 6) Commandant, CISF Kaiga Site.



2/20/07
11:00 AM

11:00 AM

11:00 AM

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Kaiga Generating Station

Schedule Of Quantities And Rates



Print Date: 28-May-2025

Name of Work: Repair, Rectification and maintenance of Recreation club (Anupoorana) at Phase-I, Kaiga Township. WO / SOQR Number : 102151								Agency Name : WIN-TECH ENGINEERS & CONTRACTORS							
Co		Item No		Description		Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹				
						Rate in Words									
Schedule : E&US-A															
1		Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.													
1.1		In cement mortar													
		CuM	42	1000	-	-	Rupees One Thousand Only					42,000.00			
2		Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab Black, Cat Eye, River pink or equivalent.													
2.1		Flooring	SqM	400	3500	-	-	Rupees Three Thousand Five Hundreds Only				14,00,000.00			
2.2		Skirting	SqM	85	3000	-	-	Rupees Three Thousand Only				2,55,000.00			
3		Providing and laying vitrified floor tiles with thickness 9-10 mm in Size of Tile 600x600 mm with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.													
3.1		Flooring	SqM	300	2500	-	-	Rupees Two Thousand Five Hundreds Only				7,50,000.00			
3.2		Skirting	SqM	60	2650	-	-	Rupees Two Thousand Six Hundreds Fifty Only				1,59,000.00			

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Co							
Name of Work: Repair, Rectification and maintenance of Recreation club (Anupoorana) at Phase-I, Kaiga Township. WO / SOQR Number : 102151							
Agency Name : WIN-TECH ENGINEERS & CONTRACTORS							
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
4	Providing and laying Vitrified tiles Matt Finish with thickness 9-10 mm, 600 x 600 mm size with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting	SqM	680	1300	-	-	8,84,000.00
			Rupees One Thousand Three Hundreds Only				
5	Providing skirting, dadoing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	SqM	250	1400	-	-	3,50,000.00
			Rupees One Thousand Four Hundreds Only				
6	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking to the appropriate disposal area as per direction of Engineer-in-charge. Of area beyond 3 m²	SqM	70	300	-	-	21,000.00
			Rupees Three Hundreds Only				
7	Dismantling tile work in floors and roofs laid in cement mortar including stacking material to the appropriate disposal area as per direction of Engineer-in-charge. For thickness of tiles 10 mm to 25 mm	SqM	1420	60	-	-	85,200.00
			Rupees Sixty Only				
8	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	CuM	36	8000	-	-	2,88,000.00
			Rupees Eight Thousand Only				
9	Removing old damaged wooden flooring and Providing and fixing 20 mm thick Engineered Wooden Flooring of approved make and shade over 10mm power rubber pad with necessary fitting and packing arrangement and plastic sheet for base, etc. complete all as per standard & manufacturers technical specifications and as directed by engineer-in-charge ..	SqM	170	6100	-	-	10,37,000.00
			Rupees Six Thousand One Hundreds Only				
10	Providing and laying Cast Insitu RCC of M 30 grade using graded stone aggregate 20mm max size including weigh batching, mechanical mixing, transporting and placing, vibrating, consolidation, finishing, curing, etc complete at for column, beams slab, stair case for all RCC works all heights/ levels as per drawing, specifications and as directed, but excluding formwork and steel reinforcement.	CuM	5	8200	-	-	41,000.00
			Rupees Eight Thousand Two Hundreds Only				
11	Providing centering and shuttering for all RCC works including removal of the same for in-situ reinforced concrete using approved formwork including strutting propping etc at all levels, heights & floors and removal of the same for in-situ reinforced concrete. Complete as per specifications, relevant IS and as directed by Engineer-in-Charge.	SqM	17	500	-	-	8,500.00
			Rupees Five Hundreds Only				
12	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, lapping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification	Kg	100	110	-	-	11,000.00
			Rupees One Hundreds Ten Only				
13	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, grinding the edge to half/full round wherever required, labour, curing complete as specification.	SqM	500	1000	-	-	5,00,000.00
			Rupees One Thousand Only				

27/11/2015

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
14	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	MT	5.5	120000	-	-	6,60,000.00
			Rupees One Lakh Twenty Thousand Only				
15	Providing cement plaster 12mm thick to underside of all concrete surfaces such as ceiling, chejjas, stair case etc., at all floor and heights in CM 1:4 rubbed perfectly so as to obtain smooth and even finish including close hacking of concrete surface, scaffolding, curing etc., complete all as per specifications and as directed by the Engineer in-charge.	SqM	460	350	-	-	1,61,000.00
			Rupees Three Hundreds Fifty Only				
16	Providing and fixing flush door shutter made out of solid core block board type, well seasoned, chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer, including cost of all SS fixtures and fittings complete as per specification 35 mm thick both side Teak	SqM	45	5200	-	-	2,34,000.00
			Rupees Five Thousand Two Hundreds Only				
17	Providing and fixing factory made Green certified, Anti Termite, UV resistant, high water absorbent single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) having minimum density of 650 kg/m3 and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength of 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, SS fixtures and fittings. The cost includes cost of materials, transportation, labour and fixing charges 30 mm thickness with both side 1mm thick laminate	SqM	50	4500	-	-	2,25,000.00
			Rupees Four Thousand Five Hundreds Only				
18	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/ Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibres (wood powder/rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 g) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 850 kg/m3, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In-Charge. The cost includes cost of materials, transportation, labour and fixing charges Size 62 x 100mm.	RM	130	1000	-	-	1,30,000.00
			Rupees One Thousand Only				

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 28/6

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
19	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/RCC/stone walls & columns/beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1 sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete For Straight Portion	SqM	300	4500	-	-	13,50,000.00
		Rupees Four Thousand Five Hundreds Only					
20	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 g/m2as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 m or as desired by Engineer in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	SqM	1300	700	-	-	9,10,000.00
		Rupees Seven Hundreds Only					
21	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 g/m2 as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :						-
21.1	Ridges plain (500 - 600mm)	RM	300	500	-	-	1,50,000.00
		Rupees Five Hundreds Only					
22	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomeric) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 81mm width x 42mm height with reinforcement of 1mm thickness and Sash with overall size of 31mm x 57mm and mesh sash of size with GI reinforcement of 1.5mm thickness. Coextruded Glazing bead for fixing of glass shall be of size 21.5mm x 9.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 1.8-2.0mm. Maximum possible size - 1519mm x 1519mm (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	SqM	60	7000	-	-	4,20,000.00
		Rupees Seven Thousand Only					
23	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomeric) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm. Maximum possible size - 1000mm x 1000mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	SqM	6	7000	-	-	42,000.00
		Rupees Seven Thousand Only					

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
24	Providing, fabricating and fixing of 10 mm thick Decorative Grooved Bamboo Wood Wall cladding with panel size 1220mmx2440mm, thermal insulation value 2.2 J/g OC & having density 1300kg/m3. The base material shall be of MDF and the surface of Bamboo shall be coated with Grapheme based PU Coating. The material shall possess special properties such as Fire resistant, Thermal insulation, Sound absorbent and UV & Water resistant. The panel shall be fixed on walls using Mild steel screws or by using special adhesives as per direction of Engineer in charge.	SqM	135	2500	-	-	3,37,500.00
			Rupees Two Thousand Five Hundreds Only				
25	Providing and supplying 'Acoustical Wall Paneling' with square edges made of fibre glass substrate 25mm thick and wrapped on the front side with an acoustically transparent and classified for Fire reaction Class A, as per ASTM E-84, fabric with option of colors - as per the choice of the Architect/Engineer incharge of the size 600x600mm, 600x 1200mm & 600x1800mm providing a minimum sound absorption level of 0.85 NRC to be affixed to wall using Wall panel Impaler sand construction adhesives as per the instructions laid down by the certified manufacturer.	SqM	660	5100	-	-	33,66,000.00
			Rupees Five Thousand One Hundreds Only				
26	Providing and fixing of false ceiling consisting of Aluminium ceiling of 0.5mm of size 600mmx600mmx0.5mm over aluminium Tee's 1"x1" size at 2'x2' center to center longitudinally and transversally and aluminium angle size 1"x1" at corners/ends, including all accessories such as hanging wire, Hooks, Screws, Nails, Rowel plugs, cross joints etc. complete in all respect, and as approved by the Engineer-in-charge. Note: Rate including scaffolding upto height 8.0m or above.	SqM	1000	1800	-	-	18,00,000.00
			Rupees One Thousand Eight Hundreds Only				
27	ARMSTONG Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/m2 (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	SqM	160	2300	-	-	3,68,000.00
			Rupees Two Thousand Three Hundreds Only				
28	Providing and fixing flush door shutter made out of solid core block board type, well seasoned, chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame around door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per specification. - 30 mm thick Both side teak.	SqM	24	5300	-	-	1,27,200.00
			Rupees Five Thousand Three Hundreds Only				
29	Providing& fixing of Partition made out of multi chambered UPVC of Wood finish(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile throughout the openable frame. The frame having overall size of 60mm x 55mm with GI reinforcement of 1mm thickness and openable sash with overall size of 60mm x 102mm and GI reinforcement of 2mm thickness. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 34 mm. Windows shall be provided with 6mm plain float glass, Standard hardware with 2D/3D hinge & Multi point locking system with Handle. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size - 900mm x 2400mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	SqM	50	6000	-	-	3,00,000.00
			Rupees Six Thousand Only				

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
30	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	CuM	60	7000	-	-	4,20,000.00
				Rupees Seven Thousand Only			
31	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 L/10 m ²) over and including priming coat of exterior primer applied @ 2.20kg/10 m ² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper-smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	SqM	300	190	-	-	57,000.00
				Rupees One Hundreds Ninety Only			
32	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67L/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	SqM	500	190	-	-	95,000.00
				Rupees One Hundreds Ninety Only			
33	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge	SqM	500	110	-	-	55,000.00
				Rupees One Hundreds Ten Only			
34	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	SqM	500	90	-	-	45,000.00
				Rupees Ninety Only			
35	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes, door handles, stopper, lock etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	SqM	20	6000	-	-	1,20,000.00
				Rupees Six Thousand Only			

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
36	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 g/m2 (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- (Part I) : 2011 (Board with BIS Certification marks only)	SqM	220	1000	-	-	2,20,000.00
		Rupees One Thousand Only					
Schedule : E&US:B							
1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				-	-	-
1.1	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	Each	16	2800	-	-	44,800.00
		Rupees Two Thousand Eight Hundreds Only					
2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete				-	-	-
2.1	Flexible pipe-32 mm dia	Each	16	120	-	-	1,920.00
		Rupees One Hundreds Twenty Only					
3	Providing and fixing Angle cock with wall flange made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Economy Class	Each	15	1400	-	-	21,000.00
		Rupees One Thousand Four Hundreds Only					
4	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:				-	-	-

7/1/2015

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
4.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	8	5500	-	-	44,000.00
		Rupees Five Thousand Five Hundreds Only					
5	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required						-
5.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	4	6000	-	-	24,000.00
		Rupees Six Thousand Only					
6	Providing and fixing Bib cock with wall flange made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Economy Class	Each	12	1400	-	-	16,800.00
		Rupees One Thousand Four Hundreds Only					
7	Providing and fixing PVC (S.W.R) Nahani Trap 10cms x 10cms with all fitting arrangements & all necessary accessories complete	Each	28	200	-	-	5,600.00
		Rupees Two Hundreds Only					
8	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor.	Each	28	400	-	-	11,200.00
		Rupees Four Hundreds Only					
9	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required						-
9.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	6	5600	-	-	33,600.00
		Rupees Five Thousand Six Hundreds Only					
10	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	8	1200	-	-	9,600.00
		Rupees One Thousand Two Hundreds Only					
11	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 1500x450 mm	Each	4	2000	-	-	8,000.00
		Rupees Two Thousand Only					
12	Providing and fixing Towel rail 600mm length made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete - Class	Each	6	1666	-	-	9,996.00
		Rupees One Thousand Six Hundreds Sixty Six Only					

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				-	-	-
13.1	15mm dia	RM	110	400	-	-	44,000.00
				Rupees Four Hundreds Only			
13.2	32mm dia	RM	145	500	-	-	72,500.00
				Rupees Five Hundreds Only			
14	Providing and fixing Exposed set for concealed stop cock made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete -Economy Class	Each	12	700	-	-	8,400.00
				Rupees Seven Hundreds Only			
15	Retrieving the all old / damaged water supply pipes with fittings with sanitary fitting and fixtures such as orissa pan wash basin urinal taps and all other fittings and fixtures exposed on the wall surface for fixing new water supply and sanitary fitting and fixture including stacking the same materials in the civil sectional store at Kaiga Township Mallpaur etc. Complete as specified and as directed by the Engineer-in-Charge. Note: One set means Retrieving the all old /damaged water supply pipes with fittings with sanitary fitting and fixtures at club	Set	4	7000	-	-	28,000.00
				Rupees Seven Thousand Only			
Schedule : E&US:C							
1	Providing and installation of 25mm (1") flexible Alkathene conduit pipe.				-	-	-
1.1	Providing of 25mm (1") ID, heavy duty (2mm wall thick), flexible Alkathene conduit pipe suitable for concealed electrical wiring with required 1/2/3/4 way deep junction box and other accessories. The flexible conduit shall be of reputed make such as Alkathene/Fine-O-Plast / Finolex / Precision / Modi / Presto Plast / Swastik OR equivalent approved make. The item sample shall be shown to engineer in-charge (Electrical) and get approved before bulk supply & installation.	Meter	600	20	-	-	12,000.00
				Rupees Twenty Only			
1.2	Installation of 25mm Alkathene conduit pipe supplied against item no1.1. The alkathene conduit pipe shall be embedded in wall / ceiling / concrete beam /column by chipping concrete/brick wall, tying with binding wire before concreting, wall plastering / finishing. For concealed wiring, an inspection junction box (deep JB) must be provided at every conduit junction and at an interval of every four (04) meter length including every wall/floor crossing. All accessories and consumables required for installation are in the scope of contractor to complete the job in all respect. All as instructed by the engineer in-charge.	Meter	600	35	-	-	21,000.00
				Rupees Thirty Five Only			
2	Providing and installation of Panel Board /COS /Lighting / Power MCB Distribution boards				-	-	-

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
2.1	Providing of double door, 4 way, 4+12 modules, MCB DB consisting MCB's of 'C' characteristic curve, Minimum 6KA breaking capacity with neutral link and enclosure earthing provision. a) MCB DB of make Siemens (Cat. 8GB32202RC04)/ L&T Hager/Havel's/MDS Legrand. b) 01 number 63 amps, 4 pole(TPN), 100mA sensitivity RCCB as incomer. c) 6+6 number 20 & 6 amps, single pole MCB. The new MCB DB's to be installed at wall by suitable anchor fasteners and the job also includes connection of incoming cable, all out going loads and dressing of all cables in DB. All required accessories and hardware's are in contractors scope to complete the job in all respect. All as instructed by the Engineer-in-charge.	Nos.	4	21000	-	-	84,000.00
			Rupees Twenty One Thousand Only				
2.2	Installation, testing & commissioning of Lighting /Power/Receptacle MCB DB/panel. Work includes handling and shifting of panels to the location. Installation of MCB's neutral link and panel earthing arrangements. All the hardware required for the completion of job in all respect is in scope of contractor. All as directed by the engineer-in-charge.	Nos.	4	2400	-	-	9,600.00
			Rupees Two Thousand Four Hundreds Only				
2.3	Providing of Vehicle double door MCB DB, 8 way, 4+24 modules MCB DB consisting MCB's of 'C' characteristic curve, Minimum 6KA breaking capacity with neutral link and enclosure earthing provision. a) MCB DB of make Siemens (Cat. 8GB32202RC08)/ L&T Hager/Havel's/MDS Legrand. b) 01 number 125 amps, 4 pole(TPN), 100mA sensitivity MCB/RCCBO as incomer. c) 4+4 numbers 63 & 32 amps Three pole MCB's as Out going side. The new MCB DB's to be installed at wall by suitable anchor fasteners and the job also includes connection of incoming cable, all out going loads and dressing of all cables in DB. All required accessories and hardware's are in contractors scope to complete the job in all respect. All as instructed by the Engineer-in-charge.	Nos.	1	6000	-	-	6,000.00
			Rupees Six Thousand Only				
2.4	Installation, testing & commissioning of Lighting /Power/Receptacle MCB DB/panel. Work includes handling and shifting of panels to the location. Installation of MCB's neutral link and panel earthing arrangements. All the hardware required for the completion of job in all respect is in scope of contractor. All as directed by the engineer-in-charge.	Nos.	1	3400	-	-	3,400.00
			Rupees Three Thousand Four Hundreds Only				
2.5	Providing of Three Phase 250 Amps, Four pole TPN Change Over Switch (COS) with Metal Enclosure & Top and Bottom Metal Gland Box for Cable Termination. Change Over Switch (COS)of L&T make (Cat. FR3-250A 4P 415V AC)/ Siemens/Havel's/MDS Legrand) All required accessories and hardware's are in contractors scope to complete the job in all respect. All as instructed by the Engineer-in-charge.	Nos.	1	46000	-	-	46,000.00
			Rupees Forty Six Thousand Only				
2.6	Installation, testing & commissioning of Three Phase 250 Amps, Four pole TPN Change Over Switch (COS) . Work includes handling and shifting of panels to the location. Termination of all incoming & Out going cables and panel earthing arrangements and panel Bord earthing arrangements. All the hardware required for the completion of job in all respect is in scope of contractor. All as directed by the engineer-in-charge.	Nos.	1	1700	-	-	1,700.00
			Rupees One Thousand Seven Hundreds Only				

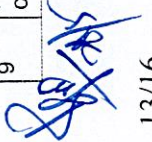
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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
2.7	Providing of Pannel Board with suitable 300 mm height MS Angle stand/Pedestal and Panel Board details are as follows. Incoming: 4 Pole 250 Amps TPN SFU, Out Going: 125 Amps TPN SFU = 2 No's, 63 Amps TPN SFU = 3 No's & 32 Amps TPN SFU = 5 No's. Rated HRC fuses are required for Each SFU. 250 amps rating Aluminium verticle Bus-Bars. Panel Enclosure should be 14/16 SWG CRCA Sheet. RYB colour LED indication lamps. One number 0-250Amps CT operated Ammeter with selector switch & One number 0-500 volts Voltmeter with selctor switch. Three phase digital Electronic Energy meter along with Three numers 250/5 Amps CT's. Separately 2 amps HRC Controle Fuses to be provided for metering & indication lamps. Panel Cubicle shall be fabricated with minimum 2 mm Thickness CRCA Sheet for load Bearing Members, and 1.6 mm for Non Load Bearing Members. Three numbers Bottom cable gland plates are required for all incoming & out going cable entry. All as instructed by the Engineer-in-charge.	Nos.	1	211000	-	-	2,11,000.00
			Rupees Two Lakh Eleven Thousand Only				
2.8	Installation, testing & commissioning of Pannel Board with suitable 300 mm height MS Angle stand/Pedestal . Work includes handling and shifting of panels to the location. Termination of all incoming & Out going cables and panel Bord earthing arrangements. All the hardware required for the completion of job in all respect is in scope of contractor. All as directed by the engineer-in-charge.	Nos.	1	4000	-	-	4,000.00
			Rupees Four Thousand Only				
3	Laying of cable up to size 3.5/4 core x 16 sq.mm and up to 50 sq.mm, having aluminium OR copper conductor, PVC/XLPE insulated, PVC sheathed, armoured/unarmoured LT cable in already excavated trench / hume pipe / Tunnel / GI OR PVC pipes etc. and to be routed & clamped on wall, floor etc. wherever necessary. The cable shall be issued as free issue item by the department. Scope of work includes transporting of cable from Electrical stores to location and laying of cables. All other accessories such as GI clamp, hardware & consumables are in contractors scope. All as instructed by the Engineer-in-charge.	Meter	50	275	-	-	13,750.00
			Rupees Two Hundreds Seventy Five Only				
4	Glanding, Termination and Connection of cable.- Glanding, end termination and connection of the already laid aluminium / copper cable of required size. Providing and fixing of suitable size brass double compression type glands as per requirement including supply of suitable Jainsan / Dowel's make solder less crimping type aluminium / copper lugs. The drilling of holes on gland plate, providing of all hardware & consumables, gland & lugs required to complete the job in all respect is in contractors scope. All as instructed by the Engineer-in-charge.						-
4.1	Cable 4C x 16sq.mm and up to 50 sq.mm size.	Nos.	8	500	-	-	4,000.00
			Rupees Five Hundreds Only				
5	Providing & installation of copper earthing wire.						-
5.1	Providing of 14 SWG size, Industrial grade, bare copper wire (1 Kg. copper wire is approximately 100 meter).	Meter	600	33	-	-	19,800.00
			Rupees Thirty Three Only				
5.2	Installation of 14 SWG size copper wire suitable for equipment earthing to be laid & clamped along with conduit.. The job includes shifting, handling and laying of copper earthing wire. The wire shall be laid as per field requirement clamping on conduit, wall/floor and connecting to required equipment/panel/DB etc. The copper clamp & all required accessories / hardware are in scope of contractor & all as instructed by the Engineer-in-charge.	Meter	600	28	-	-	16,800.00
			Rupees Twenty Eight Only				

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
5.3	Providing 25 X 3 mm size, Industrial grade, hot dip galvanised GI strip suitable for equipment earthing. (1 meter of GI flat weighs approximately 0.60 Kg. Hence 100 meter is around 60 Kg.	Meter	100	90	-	-	9,000.00
				Rupees Ninety Only			
5.4	Installation of GI flat of size 25 x 3 mm to 50 X 6mm. The job includes shifting, handling and cutting of GI flat. The GI flat shall be laid as per field requirement by welding to existing earth flat (the welded portion shall be applied with cold galvanising paint), clamping on wall/floor and connecting to earth pit and required equipment/panel/DB etc. with bolt & nut as per the site requirement. The hardware, clamp & all required accessories / hardware are in scope of contractor. And all as instructed by the Engineer-in-charge.	Meter	100	50	-	-	5,000.00
				Rupees Fifty Only			
6	Point Wiring:- Providing and wiring for light, fan and power plug points. The job also includes supply and connection of 3 core X 0.75/1 sq.mm copper flexible cable for connection of FL/LED tube/down lights/fans and required pin type copper lugs are in contractors scope. All wires shall be of PVC insulated 650/ 1100 volt grade, copper conductor, multi stranded confirming to latest IS : 694. The make of wire shall be Finolex/V-guard/Havel's/Premier/Nicco/Polycab. Note: The 3phase segregation and load balancing of each circuit shall be properly maintained.				-	-	-
6.1	Primary Light / Fan Point / 15A power point: Supply and wiring for light / fan point with Three runs of 1.5 sq.mm (for phase, neutral & ground), 650/1100 volt grade, copper conductor, PVC insulated, single core multi strand wire by pulling through embedded/concealed PVC conduit. The supply and fixing of PVC round plate is in the scope of contractor. All required materials like pvc round JB, one number 6 amps 3 plate ceiling rose, one number 6amps single pole switch and 1.5 sq.mm wire etc. to complete the work in all respect is in contractor's scope. All as per specifications and as directed/instructed by the Engineer-in-charge. Note :- The colour code of wires for 3 phase shall be red, yellow, blue and black for neutral. The earth wire shall be of green colour. The polycarbonate type switch/socket/ceiling rose of make Lisha / Anchor / GreatWhite / Rider / Cona to be used. The fan regulators are not covered in this item.	Point	30	1000	-	-	30,000.00
				Rupees One Thousand Only			
6.2	Secondary light/fan point: Providing and pulling of Three runs of 1.5 sq.mm (for phase, neutral & ground), 650/1100 volt grade, multi strand, copper conductor, PVC insulated, single core wire from one (primary) point to next light point and termination of wire at both ends. The required PVC round JB, one number 6 amps ceiling rose and 1.5 sq.mm copper wire etc. to complete the work in all respect is in contractor scope & as directed by engineer-in-charge. NOTE:- The colour code of wires for 3 phase shall be red, yellow, blue and black for neutral. The earth wire shall be of green colour. The polycarbonate type switch/socket/ceiling rose of make Lisha / Anchor / GreatWhite / Rider / Cona. The fan regulators are not covered in this item.	Point	20	800	-	-	16,000.00
				Rupees Eight Hundreds Only			
6.3	Power point wiring for AC & 20A receptacles: Providing and pulling of Three runs of 4.0 sq.mm (for phase, neutral & ground) 650V / 1100 volt grade, multi strand, copper conductor, PVC insulated wires by pulling through embedded/concealed PVC conduit from MCB DB to 16/20Amps AC and power socket. Termination of wires with identification ferrules is in the scope of contract. (The colour code of wires for phase is Red, Yellow, Blue and Black for Neutral. The earth wire shall be of Green colour). All as per specifications & as instructed by the Engineer-in-charge.	Point	10	1700	-	-	17,000.00
				Rupees One Thousand Seven Hundreds Only			

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
7	Providing and pulling of wires. :- Providing and pulling of 2.5/4.0 sq.mm, 650/1100 volt grade, copper conductor, multi strand, PVC insulated wire confirming to IS:694 through the existing concealed/embedded PVC conduit from MCB DB to main switch board and power socket boards. The work includes termination & connection of wires at both ends by using suitable crimping type lugs, identification ferrules, neatly dressing of wires in DB and proper load distribution etc. is in the scope of contract. The make of wires shall be of Finolux IV-guard / Premier / Nicco / Sirco / Havells / Polycab. All as directed/instructed by engineer-in-charge. Note :- 3 runs of wire is for phase, neutral & ground from lighting MCB DB to main switch boards, and power MCB DB to individual AC / Power points. The colour code of wires for 3 phase shall be red, yellow, blue and black for neutral. The earth wire shall be of green colour.				-	-	-
7.1	Providing of 4.0 sq.mm wire.	Meter	300	90	-	-	27,000.00
				Rupees Ninety Only			
7.2	Pulling of wire up to 4.0 sq.mm.(supplied against item Nos. 8.1 to 8.3) for main supply (individual phase) to main switch boards and individual 15 amps 5-in-1 power sockets. All as per specifications & as directed by the Engineer-in-charge.	Meter	300	8	-	-	2,400.00
				Rupees Eight Only			
8	Providing and installation of flush GI sheet metal switch box of 1.6mm thick. The box shall be provided with 3mm thick white/ ivory colour hylam sheet at front side for installing switch/socket/fan regulator. The 2/3 portion of depth (around 40 mm or full flushed with wall as per requirement) of switch box shall be embedded in brick wall and shall be finished the chipped portion of wall. The switch box shall be installed on brick wall with wood screws. The actual dimension of box may differ from one make to another, but the nearest matching dimension will be accepted. The all accessories & hardware are in scope of contractor. All as instructed by the engineer in-charge.				-	-	-
8.1	Size 250 X 200 X 50 to 60mm.	Nos.	10	700	-	-	7,000.00
				Rupees Seven Hundreds Only			
8.2	Size 250 X 175 X 50 to 60mm .	Nos.	5	600	-	-	3,000.00
				Rupees Six Hundreds Only			
8.3	Size 200 X 150 X 50 to 60mm.	Nos.	5	500	-	-	2,500.00
				Rupees Five Hundreds Only			
8.4	Installation of switch box.	Nos.	20	200	-	-	4,000.00
				Rupees Two Hundreds Only			
9	Providing and fixing of following items of Anchor / Lisha / Rider / Havells / Cona / GreatWhite make poly carbonate type accessories on hylam sheet of switch box including making of all the connections.				-	-	-



Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
9.1	Providing 6/10 amps, Polycarbonate, 2/3 pin socket with 6/10 amps SP switch on every main switch board and power socket boards wherever required and as instructed by the engineer in-charge .	Nos.	20	70	-	-	1,400.00
				Rupees Seventy Only			
9.2	Step type Electronic Fan regulator for ceiling fans. The make shall be of Anchor / Lisha / Rider / Havel's / GreatWhite.	Nos.	20	400	-	-	8,000.00
				Rupees Four Hundreds Only			
9.3	Providing 5-in-1 combined, 6/16 amps, Polycarbonate, 3/3 pin socket with 6/16 amps SP switch Combine unit on every main switch board and power socket boards wherever required and as instructed by the engineer in-charge .	Nos.	10	350	-	-	3,500.00
				Rupees Three Hundreds Fifty Only			
9.4	Installation of SWITCH SOCKET COMBINED (5 pin), 20A/10A with Box supplied against item Nos. 9.3 with all connection box to be installed with self threaded screws and PVC sleeves on wall/column. All consumable required for completion of job is in this	Nos.	10	70	-	-	700.00
				Rupees Seventy Only			
10	Providing and installation of ceiling & Exhaust fans.				-	-	-
10.1	Providing of BLD type copper wound ceiling fans of 1200 mm sweep, 300-375 rpm, double ball bearing, 3 blade, brown colour, Usha / Crompton Greaves / Baja / Havel's/ Khetan with down rod and all its accessories (The supply of fan regulator is covered under item Nos. 10.2). The item sample shall be submitted to engineer in-charge and get approved before bulk supply.	Nos.	25	3500	-	-	87,500.00
				Rupees Three Thousand Five Hundreds Only			
10.2	Installation of ceiling fans supplied against item Nos.10.1 with its switch & regulators on switch box. The work includes assembling, fixing, making all the connections including earth connection. The fan shall be fixed on the hooks embedded in the ceiling by using supplied fan rod. The fan shall be connected from nearest point by using 3C x 0.75/1 Sq.mm copper conductor PVC insulated, PVC sheathed cable. The 3 core X 0.75/1 sq.mm copper flexible cable for connection of fans is in contractors scope. All as instructed by the Engineer-in-charge.	Nos.	25	200	-	-	5,000.00
				Rupees Two Hundreds Only			
10.3	Providing heavy duty exhaust fan of 300 mm sweep, 230 volts, 50Hz, 75watts,1300 -1400 rpm, Usha/Bajaj/Havel's (Cat. FHVEMTDBS12)/Crompton Greaves Khetan with all its accessories. The item sample shall be submitted to engineer in-charge and get approved before bulk supply.	Nos.	10	2828	-	-	28,280.00
				Rupees Two Thousand Eight Hundreds Twenty Eight Only			
10.4	Installation of exhaust fans at openings provided for this purpose supplied against item Nos.12.3 with its switch on switch box. The work includes assembling, fixing, making all the connections including earth connection. The installation includes supply and fixing of anchor fasteners/coach screws, 3C X 0.75/1 sq.mm copper cable for connection at ceiling rose as well as fan motor is in the scope of contractor. All as instructed by the Engineer-in-charge.	Nos.	10	210	-	-	2,100.00
				Rupees Two Hundreds Ten Only			
11	Providing of various type LED lighting luminaries of make Bajaj / Philips / Havel's / Crompton / Wipro / Syska / Anchor/ Crompton Greaves with built in driver unit as per field requirements. The required hardware's and cable for termination is in contractors scope. All as instructed by the Engineer-in-charge.				-	-	-
11.1	Providing of 15- 16 watt, recess mounted round shape (160 mm (+/-5mm) dia) OR square shape (1' x 1' - 300mm X 300mm)) LED downlight fixtures as per Havel's Cat Nos. EDGEPRONEORDDLR12WLED865S OR EDGEPRONEOSQDLR12WLED865S.	Nos.	40	5100	-	-	2,04,000.00
				Rupees Five Thousand One Hundreds Only			

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
11.2	Providing of 36watt, 2ft X 2ft (600mm X 600mm) LED recess/surface mounting down light fixtures as per Havell's Cat. ENUSNEO2X2PLR36WLED865PO.	Nos.	80	5100	-	-	4,08,000.00
			Rupees Five Thousand One Hundreds Only				
11.3	Supply of Philips/Cromptom/Bajaj/Syska make 90 watts LED street/area lighting fixtures as specification.	Nos.	5	13000	-	-	65,000.00
			Rupees Thirteen Thousand Only				
11.4	Supply of Philips/Cromptom/Bajaj/Syska make 18/20 watts LED Single Tube Light fixtures with LED tube lamp as per specification.	Nos.	40	1000	-	-	40,000.00
			Rupees One Thousand Only				
12	Installation and fixing of lighting luminaries supplied against item Nos. 13.0. The fixtures has to be shifted to location by the contractor. The installation job also includes fixing of electronic driver, LED tube lamps/ down lights with all accessories, marking & cutting of fall ceiling and installation of luminaries. The fixtures to be supported with suitable hooking/clamping arrangements as per field requirement. The required accessories, ceiling rose, hardware's, clamps & PVC round blocks as per the field requirement is in contractors scope. The fixtures shall be connected by using 3core X 0.75/1 sq.mm PVC insulated, copper conductor, multi strand flexible cable from nearest ceiling rose/switch board/angle holder/function box. All as instructed by the Engineer-in-charge.				-	-	-
12.1	Installation of 12 to 18 watt, recess mounted round (170 mm (+/-5mm) dia) OR square shape (1' x 1' - 300mm X 300mm)) shape green LED downlight fixtures with lamp and accessories on wall, ceiling or specified location.	Nos.	40	200	-	-	8,000.00
			Rupees Two Hundreds Only				
12.2	Installation of 2ft X 2ft (600mm X 600mm) LED recess/surface mounting down light fixtures.	Nos.	80	200	-	-	16,000.00
			Rupees Two Hundreds Only				
12.3	Installation of 90 watts LED lights supplied against item No: 11.3 on on GI pipe elbow. Department will provide ladder on free of cost. Shifting of ladder & fittings will be in the scope of contractor. The job to be carried out with all safety measures as Industrial safety guidelines.	Nos.	10	1200	-	-	12,000.00
			Rupees One Thousand Two Hundreds Only				
12.4	Installation of Philips/Cromptom/Bajaj/Syska make 18/20 watts LED Single/Twin Tube Light fixtures.	Nos.	40	500	-	-	20,000.00
			Rupees Five Hundreds Only				
13	Providing assistance of man power for any unforeseen / unexpected works such as removal/servicing / repair / handling of old removed panel & lighting fixtures, installation of change over switch, SFU on power DB, providing temporary connection for power DB's, including assisting the departmental staff to carry out the unforeseen and miscellaneous works during execution of main building's electrical works. All as per technical specification and as instructed by Engineer-In-Charge. Note:- One operation shall mean deploying one Skilled, qualified Electrician OR one unskilled Helper with required tools, tackles and plants for attending the unforeseen works & repair / handling of re-usable fixture / cables etc. Which are required for a duration of eight hours.				-	-	-

[Signature]
 15/11

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
13.1	Assistance for work (unskilled).	Operation	10	900	-	-	9,000.00
				Rupees Nine Hundreds Only			
13.2	Assistance for work (skilled).	Operation	10	1400	-	-	14,000.00
				Rupees One Thousand Four Hundreds Only			
14	Providing of maintenance free earthing stations as per technical specifications. The maintenance free earth pit station made out of 3 meter length, 80mm dia, 250 micron copper coated/GI pipe with back filling compound and masonry chamber or readymade FRP pit cover as per IS - 3043 at location shown by the Engineer. All as per technical specifications. All the items to complete the job in all respect is in contractors scope. And all as instructed by the engineer- in-charge.	Nos.	4	9500	-	-	38,000.00
				Rupees Nine Thousand Five Hundreds Only			
15	Installation, testing and commissioning above earth pit supplied against item Nos. 14.0 at location shown by the Engineer-in-Charge. The scope of work includes excavation of earth to the required depth and filling of pit with back filling compound after installation of earth electrode etc., All as per technical specifications and as directed by the Engineer-in-charge.	Nos.	4	4000	-	-	16,000.00
				Rupees Four Thousand Only			

Note: All Item Rates are considered to be in Indian Rupees unless otherwise explicitly specified and in which case shall be always converted appropriately to arrive at the amount in Indian Rupees.

Work Order Total	Rs. 1,93,70,246.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 1,93,70,246.00
Work Order Value After Overall Rebate in Words	Rupees One Crore Ninety Three Lakh Seventy Thousand Two Hundreds Forty Six Only

28.05.2025
 Head, CTC

28.5.2025
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