



न्यूक्लियर पावर 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-041/WO/2024/1061

Date: 23-12-2024

To:

M/s K. Babu

KPC Colony, Kadra.

Pin -581396

Kind Atten: Shri. K. Babu

Cell No.: 9448405219

E-mail ID: babuk.2013@rediffmail.com

Work Order No.	:	500085
S.L. Code	:	K0018500085
Account Code	:	14241
Charge Code	:	9953
MSME	:	NA

WORK ORDER NO.: 2024_NPCIL_200127_1/WO

Name of work: "Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township."

- Ref: 1) Tender No.: NPCIL/KGS/CTC/E&US-CIVIL-TS/CPPP/2024/041
2) Last date of submission of tender is 26.07.2024
3) Negotiation MOM No.: NPCIL/KGS/CTC/2024/MOM/367 dated: 15.11.2024

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 ₹. **73,25,143/-** (Rupees Seventy-three Lakhs, Twenty-five thousand one hundred and forty-three 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/2024/MOM/367 dated: 15.11.2024]

Item No.	% variation (+)	Unit	Est. Rates in Rs.	Quoted Rates in Rs.	Negotiated Rates in Rs.
1	28.13	CuM	320.00	410.00	365.00

AHR Items: Nil & ALR Item: Part-A: Item Nos. : 5, 7, 10, 20 & 24; Part-B: Item Nos.: 9 (6 Nos.) (After Negotiation)

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 **365 calendar days (including monsoon period)** 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.

B
20/12

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 Vivek Dixit, SO/D, Civil-5&6, 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 ₹. 7,32,514/- (including GST), (Rupees Seven Lakhs, Thirty-two thousand, five hundred and fourteen 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 ₹. 3,66,257/- (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 ₹. 3,66,257/- 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:

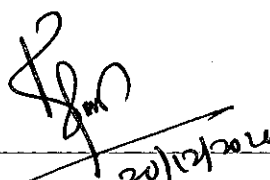
A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s K. Babu**, will be executed within the period from the date of issue of this work order. Till a **formal agreement** is executed the original tender together with letters under reference and this work order shall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

Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL


अपर मुख्य अभियंता, (ई&युएस)
Additional Chief Engineer, (E&US)
23.12-2024


20/12/2024

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Kaiga Generating Station

Schedule Of Quantities And Rates



Print Date: 20-Dec-2024

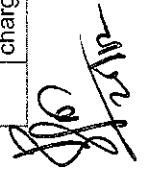
Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Schedule : CIVIL-ACivilWorks							
1	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work.	CuM	250	365	-	-	91,250.00
			Rupees Three Hundreds Sixty Five Only				
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits with Chlorpyrifos 20% E.C. / Lindane 20% E.C. @ 3.19 l/m2 including cost of chemical, diluting in water to one percent concentration, labour, usage charges of machinery, complete as per specifications.	SqM	195	150	-	-	29,250.00
			Rupees One Hundreds Fifty Only				
3	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification.						-
3.1	Using selected excavated earth	CuM	110	350	-	-	38,500.00
			Rupees Three Hundreds Fifty Only				
4	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.						-
4.1	Mix 1:3:6 Using 20 mm nominal size graded crushed coarse aggregates	CuM	15	7800	-	-	1,17,000.00
			Rupees Seven Thousand Eight Hundreds Only				
5	Providing and laying 150 mm. thick Stone Soling using hard; durable & approved quality stones / rubbles of 150 mm. size including preparation of bed properly by proper leveling, dressing & hand ramming proper watering, providing & filling / fixing interstices using small size stones / chips, providing & spreading binding materials such as murrum / gravel etc., upto a lead of 1Km outside work premises.	CuM	27	3200	-	-	86,400.00
			Rupees Three Thousand Two Hundreds Only				

[Handwritten Signature] 20/10

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
6	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded 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.				-	-	-
6.1	Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	CuM	20	8300	-	-	1,66,000.00
		Rupees Eight Thousand Three Hundreds Only					
7	Providing Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :Cement mortar 1:6 (1 cement : 6 coarse sand)	CuM	25	5000	-	-	1,25,000.00
		Rupees Five Thousand Only					
8	Providing & Constructing Masonry with approved C. C. Solid Blocks of size 400 X 200 X 200 mm or 300 X 200 X 200 mm, having crushing strength not less than 45Kgs/cm ² and conforming to the BIS 2185 part-I of the latest edition, in CM 1:5 for foundation [plinth, drains, walls & repair works etc.] & superstructure [walls & repair works etc.] and all other miscellaneous masonry works for foundation & superstructure etc. Including simultaneous flush pointing, preparation of base by close hacking / chipping the old concrete / plastered surface, racking out the joints & cleaning, providing; fixing & removing necessary staging / platform / ladder, Curing, cleaning the work area, collecting & disposing the generated waste, construction waste up to a lead of 1Km from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift / height.	SqM	280	1825	-	-	5,11,000.00
		Rupees One Thousand Eight Hundreds Twenty Five Only					
9	Providing & Constructing Burnt Brick Masonry using Well Burnt Bricks of having comparative strength not less than 35kg/cm ² standard & approved size, in CM 1:6 for Super Structure and all other Miscellaneous Masonry Works f including simultaneous flush pointing, providing, fixing & removing necessary staging / platform, Stacking of debris upto lead of 1000 mtrs. etc. complete.	CuM	5	8200	-	-	41,000.00
		Rupees Eight Thousand Two Hundreds Only					
10	Providing, placing and removing form work for all in-situ concrete works such as sides edges for road, Retaining Wall, CD works & for all in-situ concrete works including centering & staging, providing; fixing & removing necessary staging / platform, collecting & disposing the generated waste, up to a lead of 1Km. from the place of work & cleaning the work area, etc. complete all as per standard technical specification, drawing [if any] and as directed by engineer-in-charge at all locations & lifts / heights. Note: The measurement for the form work will be actual area of form in contact with the concrete surfaces.	SqM	660	425	-	-	2,80,500.00
		Rupees Four Hundreds Twenty Five Only					
11	Providing and laying approved make high yield strength deformed Reinforcement bars [of superior 1st quality, of standard make] of all dia meters, confirming to grade D - 550 of IS:1786 [latest edition] including cutting, bending, transporting, placing in position & binding with suitable gauge soft annealed binding wire for all in-situ concrete works and all other miscellaneous RCC works, providing & placing spacer bars, cover blocks [cover blocks shall be cast in same grade of concrete & cured properly], preparation of base, providing; fixing & removing necessary staging / platform / ladder, collecting & disposing the generated waste, up to a lead of 1Km. from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification, drawing [if any] and as directed by engineer-in-charge at all locations & lifts / heights.	MT	11	100000	-	-	11,00,000.00
		Rupees One Lakh Only					

28/11/22

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
12	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality conforming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications.				-	-	-
12.1	M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	CuM	100	10000	-	-	10,00,000.00
		Rupees Ten Thousand Only					
13	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	SqM	620	350	-	-	2,17,000.00
		Rupees Three Hundreds Fifty Only					
14	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster with cement mortar 1:6 (1 cement : 6 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	SqM	470	440	-	-	2,06,800.00
		Rupees Four Hundreds Forty Only					
15	Rendering smooth finish; using Brila White Putty in Two Coats over internal plastered surfaces of wall; concrete & ceiling including rubbed perfectly so as to obtain smooth & even finish, providing; fixing & removing necessary staging / platform, preparation of base properly by cleaning & washing, Base shall be fully neat, clean & dry before application of putty, cleaning the work area & disposing the debris / waste materials / unwanted materials / things etc., upto a lead of 2000 meters outside the periphery of work premises etc. complete all as per specification and as directed by the Engineer-in-charge at all locations and at all lifts / heights.	SqM	600	130	-	-	78,000.00
		Rupees One Hundreds Thirty Only					
16	Providing one coat of approved primer and two coats of acrylic emulsion paint (matt finish) of approved shade and make including preparation of surface, application of wall putty, rubbing with sand paper, cleaning, etc., for internal wall, concrete surfaces and ceiling as mentioned in drawings, providing and removing necessary scaffolding etc. complete as per the specification and as directed by the Engineer In-charge at all heights.	SqM	600	225	-	-	1,35,000.00
		Rupees Two Hundreds Twenty Five Only					
17	Providing and painting of textured paint spectrum or equivalent brand as per manufacturers recommendations including surface preparations and application of putty, necessary scaffolding etc. complete as directed.	SqM	80	350	-	-	28,000.00
		Rupees Three Hundreds Fifty Only					
18	Providing and applying one coat of approved primer and two or more coats of weatherproof exterior acrylic emulsion paint of approved make and shade to give an even shade for all exterior wall and concrete surfaces including preparation of surface, application of putty, rubbing with sand paper, providing and removing scaffolding, curing etc., complete as per the specification and as directed by the Engineer In-charge at all heights.	SqM	450	210	-	-	94,500.00
		Rupees Two Hundreds Ten Only					



Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085			Agency Name : M/s K. Babu		
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
19	Providing and fixing of Factory made, pre-laminated, FPVC (Foamed Polyvinyl Chloride) Door frames of the size 105 X 40 mm with a wall thickness of 10 mm made out of extruded rigid FPVC profile mitre joined with 6 Nos of 50 mm long screw. The door frame shall be fixed to the wall by using 80 mm long screws through the frame with the help of PVC fasteners of 3 Nos to be provided for each vertical member, GI stiffeners of ("U" channel of size 29 X 9 X 1 mm, 150 mm long) -3 nos at hinge point, Frame reinforcement of ("U" GI channel of size 46 X 22 X 0.6mm), Bottom tie rod of ("U" GI channel size of 15 X 15 X 1 mm) etc. Maximum door frame size: 980 X 2070 mm including providing and fixing of 35 mm thick Factory made, Pre laminated, ABS (Acrylonitrile Butadiene Styrene) Door shutters, moulded in different designs, consisting of all round Frame made out of water proof solid foam PVC bar of size 20 X 32 mm, reinforced by 32 X 32 mm - 2 Nos for vertical made out of LVL (Laminated Veneer Lumber), core material of 32 mm thick high density craft paper honeycomb board, sandwiched on both sides with pre laminated ABS sheet thickness of 1.5 mm. PVC edge banding of size 0.45 mm on the vertical sides. Hardware made out of steel coated butterfly hinges - 3 Nos for each shutter and ISI make S.S round lock with required all fittings & fixtures complete for finished item of work. All materials shall be of superior 1st quality, of standard make and confirming to relevant BIS specification of latest edition. Shade/colour of frame and shutters etc shall be as per site requirement and as selected by engineer-in-charge etc complete all as per standard & manufactureres technical specifications, drawing (if any) and as directed by engineer-in-charge at all locations & elevations.	SqM	22	10500	-	-	2,31,000.00
		Rupees Ten Thousand Five Hundreds Only					
20	Providing& fixing of Openable/Sliding door made out of multi chambered UPVC(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 through-out 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. Door 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 fittings)	SqM	12	2300	-	-	27,600.00
		Rupees Two Thousand Three Hundreds Only					
21	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 Elastomer) 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 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. 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 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	SqM	23	9000	-	-	2,07,000.00
		Rupees Nine Thousand Only					

86/212



Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
22	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 Elastomer) 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. Lower 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	3	8000	-	-	24,000.00
				Rupees Eight Thousand Only			
23	Providing and laying Premium grade / 1st quality Vitrified Tiles of size 600 X 600 mm or of size as selected by engineer-in-charge, of standard make, shade / colour [as per site requirement & as directed by engineer-in-charge] & thickness of tile shall be 8 to 8.9 mm. Tiles shall be confirming relevant BIS of latest edition, flooring with 20 mm thick in CM 1:4 [bedding] & Skirting with 12 mm thick in CM 1:3 [backing] Or using approved Adhesive [for Flooring & Skirting] pasting the Vitrified tiles on concrete or on masonry or on plastered surfaces, cement slurry shall be used @ 3.3 Kgs / Sqm. of area, close jointed [with or without spacers] as directed, grout filling in the joints with matching pigmented cement slurry, finished to true line & levels / slope / plumb etc., including cutting of tiles, recommended washing, preparation of base by close hacking / chipping the adjoining concrete / plastered surfaces, racking out the adjoining masonry joints & cleaning, curing, collecting & disposing the generated waste & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification and as directed by engineer-in-charge at all locations and at all lift / height. NOTE: Basic rate of Premium Quality Vitrified Tiles, shall not be less than Rs. 650/- per Sqm. (excluding gst)	SqM	160	1400	-	-	2,24,000.00
				Rupees One Thousand Four Hundreds Only			
24	Providing and laying Glazed Ceramic Tiles of size & shade / colour [as per site requirement & as directed by engineer-in-charge, tiles shall of superior 1st quality, of standard make] & thickness of tile shall be 5 mm to 6 mm, for Skirting & Dado with 12 mm thick in CM 1:3 [backing] or using approved Adhesive [Skirting & Dado], pasting the glazed ceramic tiles on concrete or on masonry or on plastered surfaces, cement slurry shall be used @ 3.3 Kgs / Sqm. of area, close jointed [with or without spacers] as directed, grout filling in the joints with matching pigmented cement slurry, finished to true line & levels / slope / plumb etc., Tiles shall be confirming relevant BIS of latest edition, including cutting of tiles, recommended washing, preparation of base by close hacking / chipping the adjoining concrete / plastered surfaces, racking out the adjoining masonry joints & cleaning, curing, collecting & disposing the generated waste & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard & manufacturers technical specification and as directed by engineer-in-charge at all locations and at all lift / height. NOTE: Basic rate of Premium Quality Glazed Ceramic Tiles, shall not be less than Rs. 405/- per Sqm. [Excluding GST].	SqM	50	1250	-	-	62,500.00
				Rupees One Thousand Two Hundreds Fifty Only			
25	Providing and laying Vitrified tiles of size of Tile 500x500 mm and with thickness 9-10 mm in different sizes 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 the joint with white cement & matching pigments etc. complete	SqM	15	1400	-	-	21,000.00
				Rupees One Thousand Four Hundreds Only			

[Signature]
20/10

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
26	Providing and laying 18 - 20 mm thick mirror polished, Granite Slab for Kitchen platform, landing slab, selves & flooring [for flooring in approved pattern] etc. over a bedding of 20 mm thick in CM 1:4 using superior 1st quality, colour / shade [as per site requirement & as directed by engineer-in-charge], granite stones shall be closely jointed as directed, grout filling in the joints with matching pigmented cement slurry [for joints & flooring @ 6.40 Kgs. per Sqm. of floor area], mirror polished the joints, finished to true line & levels / slope / plumb etc., including preparation of base by close hacking / roughening of existing base, racking out all the adjoining masonry joints & washing the base, curing, providing; fixing & removing necessary staging / platform [if required], collecting & disposing the generated waste & construction waste up to a lead of 2000 meters from the place of work & cleaning the work area, etc. complete all as per standard technical specification and as directed by engineer-in-charge at all locations and at all lift / height. Note: Basic rate of 20 - 22 mm thick both side mirror polished Granite Stone Slab shall not be less than Rs.2000.00 per Sqm. (excluding GST).	Sqm	55	4000	-	-	2,20,000.00
		Rupees Four Thousand Only					
27	Providing and supplying cupboard shutter with 19mm thick one side Architect recommended decorative laminate (1mm thick) and other side balancing lamination (preferably white) on factory pressed BWP grade marine ply as per IS 710 of approved brand complete as per direction of engineer in-charge.	Sqm	5	4100	-	-	20,500.00
		Rupees Four Thousand One Hundreds Only					
28	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 and two coats of enamel paint using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	MT	1	130000	-	-	1,30,000.00
		Rupees One Lakh Thirty Thousand Only					
29	Providing and fixing precast galvanized 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/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. 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	50	850	-	-	42,500.00
		Rupees Eight Hundreds Fifty Only					
30	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kg	45	750	-	-	33,750.00
		Rupees Seven Hundreds Fifty Only					
31	Providing and fixing Vertical blinds of reputed make of shape 100mm regular fabric with powder coated aluminum channel, telling with PVC chain system with necessary fitting and fixture as per direction of engineer in-charge.	Sqm	40	1000	-	-	40,000.00
		Rupees One Thousand Only					

8/12/2012

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
32	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/m ² (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 :				-	-	-
32.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095-(Part I) : 2011 (Board with BIS Certification marks only)	SqM	20	1400	-	-	28,000.00
		Rupees One Thousand Four Hundreds Only					
33	Providing & Fixing of Mineral Fibre Suspended Ceiling System in the module size of 600x600x19mm with Exposed grid for Hospitals, Shopping malls, Commercial establishments and office complexes. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance 87%, Thermal Conductivity k = 0.052 - 0.057 w/m K, NRC -0.7, Colour White, Fire Performance UK A2 S1, dO, with Anti Microbial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35:2003 with cleanroom class of ISO 5 (Class 100), Decontamination Class of CP10 and Bacteriological Cleanliness Class B1 for specific strains and reduction in colony size. Washability properties of 500 wash cycles as per ASTM D-4828 and suitable for Green Building application with Recycled content of 37%. The tile shall be laid on 24mm wide T - section flanges colour white having rotary stitching on all T sections i.e. the Main Runner, 1200 mm & 600 mm Cross Tees with a web height of 38mm and a load carrying capacity of 15 kg/m ² & pull out strength of minimum 100 kg The T Sections should have a Galvanizing of 90 grams per m ² and need to be installed with suspension system of approved make.	SqM	110	3200	-	-	3,52,000.00
		Rupees Three Thousand Two Hundreds Only					

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
34	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace /Chajias /Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6 kg/m2 to achieve final DFT (Dry Film Thickness) of 1mm including prime coat of epoxy primer @150 g/m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification.	SqM	225	1000	-	-	2,25,000.00
				Rupees One Thousand Only			
35	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	SqM	20	5500	-	-	1,10,000.00
			Rupees Five Thousand Five Hundreds Only				
36	Providing and laying 60mm thick factory made cement concrete paver block of approved shape and colour of M-30 grade made of C&D waste by block making machine with vibratory compaction laid in required pattern and including over 50mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	SqM	90	1200	-	-	1,08,000.00
			Rupees One Thousand Two Hundreds Only				
37	Preparation of Structural design	Job	1	65000	-	-	65,000.00
			Rupees Sixty Five Thousand Only				
Schedule : CIVIL:BWatersupply&San							
1	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	Nos	4	7600	-	-	30,400.00
			Rupees Seven Thousand Six Hundreds Only				
2	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	Nos	2	10500	-	-	21,000.00
			Rupees Ten Thousand Five Hundreds Only				
3	White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	Nos	4	3100	-	-	12,400.00
			Rupees Three Thousand One Hundreds Only				

[Signature]



Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township.
WO / SOQR Number : 500085

Agency Name : M/s K. Bab

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
4	Providing and Fixing 15 NB; CP brass Bib Tap-15NB and shall not be less than 450 gm. with CP wall flange and other required accessories including labour charges & all required consumables and ensuring smooth functioning etc., complete all as per specification, as per manufacturer's specification and as directed by the Engineer-in-charge at all locations & at all lifts / heights.	Nos	4	1200	-	-	4,800.00
			Rupees One Thousand Two Hundreds Only				
5	Providing and Fixing approved brand/make 15 NB; Angle Valve, weight of each 15 NB shall not be less than 450 gm., with CP wall flange and other required accessories including labour charges & all required consumables and ensuring smooth functioning etc., complete all as per specification, as per manufacturer's specification and as directed by the Engineer-in-charge at all locations & at all lifts / heights.	Nos	10	1200	-	-	12,000.00
			Rupees One Thousand Two Hundreds Only				
6	Providing and fixing unplasticised PVC connection pipe with brass unions :				-	-	-
6.1	45 cm length:15 mm nominal bore	Nos	10	100	-	-	1,000.00
			Rupees One Hundreds Only				
7	Providing and fixing PVC heavy duty Nahani Trap (SWR Fittings IS:14735) [floor trap] 100X100mm of self cleaning design with 75 mm. outlet having a minimum water seal of 50 mm of Approved Brand / make with PVC grating of 125 mm dia [of approved quality & make], finishing neatly, curing, ensuring smooth functioning, including labour charges, required tools & tackles, & consumables, Cleaning & washing / mopping, the work area, disposing off waste materials / debris etc., upto a lead of 100 Mts outside the periphery of work premises etc., complete all as per specification and as directed by the Engineer-in-charge at all locations & at all lifts.	Nos	8	300	-	-	2,400.00
			Rupees Three Hundreds Only				
8	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.	Nos	4	1500	-	-	6,000.00
			Rupees One Thousand Five Hundreds Only				
9	Providing and fixing CP brass Tower Rail 600 mm long with brackets fixed to wooden cleats with CP brass screws with concealed fitting arrangement of approved make etc. Complete all as per specification and as directed by the Engineer-in-charge at all heights & at all locations..	Nos	4	1200	-	-	4,800.00
			Rupees One Thousand Two Hundreds Only				
10	Providing and fixing Single flow hand showers with Anti lime jets with 1.5m PVC tube and holder made of Stainless steel with all concealed fitting arrangements & all necessary accessories complete	Nos	4	1200	-	-	4,800.00
			Rupees One Thousand Two Hundreds Only				
11	Providing and fixing CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor.	Nos	8	350	-	-	2,800.00
			Rupees Three Hundreds Fifty Only				
12	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, l/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.				-	-	-

[Signature]
25/10

Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085				Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
12.1	20mm dia	Mtr	10	450	-	-	4,500.00
				Rupees Four Hundreds Fifty Only			
12.2	25mm dia	Mtr	15	550	-	-	8,250.00
				Rupees Five Hundreds Fifty Only			
12.3	32mm dia	Mtr	15	650	-	-	9,750.00
				Rupees Six Hundreds Fifty Only			
13	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work						-
13.1	32mm dia	RM	50	500	-	-	25,000.00
				Rupees Five Hundreds Only			
13.2	40mm dia	RM	25	600	-	-	15,000.00
				Rupees Six Hundreds Only			
13.3	50mm dia	RM	25	800	-	-	20,000.00
				Rupees Eight Hundreds Only			
14	Providing and fixing Unplasticised Polyvinyl Chloride (uPVC) pipes, for cold water supply including all uPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step uPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work						-
14.1	80mm dia	RM	25	800	-	-	20,000.00
				Rupees Eight Hundreds Only			
14.2	100mm dia	RM	25	1000	-	-	25,000.00
				Rupees One Thousand Only			
15	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end).						-
15.1	25 mm dia	Nos	2	650	-	-	1,300.00
				Rupees Six Hundreds Fifty Only			

[Signature]
20/12

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085			Agency Name : M/s K. Bab		
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
15.2	32 mm dia	Nos	1	748	-	-	748.00
		Rupees Seven Hundreds Forty Eight Only					
15.3	40 mm dia	Nos	2	850	-	-	1,700.00
		Rupees Eight Hundreds Fifty Only					
16	Providing and fixing brass ball valve high/ low pressure with plastic float of approved quality 25mm dia nominal bore including cost of material, labour etc., complete.	Nos	2	350	-	-	700.00
		Rupees Three Hundreds Fifty Only					
17	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design	Nos	4	3600	-	-	14,400.00
		Rupees Three Thousand Six Hundreds Only					
18	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 600X850 mm Internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc.	Nos	5	8500	-	-	42,500.00
		Rupees Eight Thousand Five Hundreds Only					
19	Extra for depth beyond 45 cm of brick masonry chamber : For 455x610 mm size With common burnt clay (non modular) bricks of class designation 3.5	RM	5	8000	-	-	40,000.00
		Rupees Eight Thousand Only					
20	Providing and fixing Sewer (SWR) pipes, including all fittings, This includes jointing of pipes & fittings with one step solvent cement, trenching, refilling & testing				-	-	-
20.1	150mm dia	RM	50	900	-	-	45,000.00
		Rupees Nine Hundreds Only					
Schedule : CIVIL:CElectricalWorks							
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.	Mtr	125	20	-	-	2,500.00
		Rupees Twenty Only					

[Signature]

Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu					
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
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.	Mtr	125	65	-	-	8,125.00
2	Providing and installation of Lighting / Power MCB Distribution boards:				-	-	-
2.1	Providing and installation 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/Bajaj/ MDS Legrand/ Indo Asian. 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	1	20000	-	-	20,000.00
			Rupees Twenty 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	1	1300	-	-	1,300.00
			Rupees One Thousand Three Hundreds Only				
3	EXCAVATION OF CABLE TRENCH:- Excavation of Cable trench of size 400mm wide and 600mm deep in all sorts of soil. The scope of work includes supply and filling of river sand for bedding below 100 mm and above 100 mm of laid cable. Supply & laying bricks (18 Nos bricks for One running meter). and backfilling as per specification. The job also includes refilling of the trench with excavated soil, levelling the surface in good looking manner all as directed by the Engineer-in-charge.	Mtr	150	430	-	-	64,500.00
			Rupees Four Hundreds Thirty Only				
4	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.	Mtr	150	130	-	-	19,500.00
			Rupees One Hundreds Thirty Only				
5	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 Janson / 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.				-	-	-



Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
5.1	Cable 4C x 16sq.mm and up to 50 sq.mm size.	Nos	5	500	-	-	2,500.00
6	Providing & installation of GI earthing flat.			Rupees Five Hundreds Only			
6.1	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.	Mtr	100	85	-	-	8,500.00
6.2	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.	Mtr	100	70	-	-	7,000.00
7	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.			Rupees Seventy Only			
7.1	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	18	1100	-	-	19,800.00
7.2	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	9	850	-	-	7,650.00

[Handwritten Signature]

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085			Agency Name : M/s K. Babu		
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
7.3	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	3	1900	-	-	5,700.00
8	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 conforming 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 Finolex 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.						
8.1	Providing of 4.0 sq.mm wire.	Mtr	300	100	-	-	30,000.00
8.2	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.	Mtr	300	9	-	-	2,700.00
9	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.						
9.1	Size 250 X 200 X 50 to 60mm.	Nos	2	750	-	-	1,500.00
9.2	Size 250 X 175 X 50 to 60mm .	Nos	2	650	-	-	1,300.00
9.3	Size 200 X 150 X 50 to 60mm.	Nos	3	600	-	-	1,800.00

880
22/12/2024

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
				Rate in Words			
9.4	Installation of switch box.	Nos	7	200	-	-	1,400.00
				Rupees Two Hundreds Only			
10	Providing and fixing of following items of Anchor / Lisha / Rider / Havel's / Cona / GreatWhite make poly carbonate type accessories on hylam sheet of switch box including making of all the connections.				-	-	-
10.1	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	5	175	-	-	875.00
			Rupees One Hundreds Seventy Five Only				
10.2	Step type Electronic Fan regulator for ceiling fans. The make shall be of Anchor / Lisha / Rider / Havel's / GreatWhite.	Nos	7	450	-	-	3,150.00
			Rupees Four Hundreds Fifty Only				
11	Providing of 20 amps industrial metal clad socket with box, 20amps metal clad Plug top & 20Amps SP MCB control on MS/ABS plastic box as per Havel's Cat. DHDCUSN020/DHDPUSN020. The box shall be embedded on wall. The plug top & sockets are of metal clad, industrial type. (The wiring of power point with three runs of 4.0 sq.mm is covered under item Nos7.3). Internal connection is in the scope of contractor. All as instructed by the engineer in-charge.	Nos	3	1900	-	-	5,700.00
			Rupees One Thousand Nine Hundreds Only				
12	Providing and installation of ceiling & Exhaust fans.				-	-	-
12.1	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	7	3800	-	-	26,600.00
			Rupees Three Thousand Eight Hundreds Only				
12.2	Installation of ceiling fans supplied against item Nos12.1 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	7	275	-	-	1,925.00
			Rupees Two Hundreds Seventy Five Only				
12.3	Providing heavy duty exhaust fan of 300 mm sweep, 230 volts, 50Hz, 75watts, 1300 -1400 rpm, Usha/Bajaj/Havel's (Cat. FHVVEMTDBS12)/Crompton Greaves Khetan with all its accessories. The item sample shall be submitted to engineer in-charge and get approved before bulk supply.	Nos	2	2900	-	-	5,800.00
			Rupees Two Thousand Nine Hundreds Only				
12.4	Installation of exhaust fans at openings provided for this purpose supplied against item Nos12.3 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	2	230	-	-	460.00
			Rupees Two Hundreds Thirty Only				

Co		Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085		Agency Name : M/s K. Babu			
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
13	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.				-	-	-
13.1	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	6	4800	-	-	28,800.00
			Rupees Four Thousand Eight Hundreds Only				
13.2	Providing of 36watt, 2ft X 2ft (600mm X 600mm) LED recess/surface mounting down light fixtures as per Havel's Cat. ENUSNEO2X2PLR36WLED865PO.	Nos	10	6000	-	-	60,000.00
			Rupees Six Thousand Only				
13.3	Supply of Philips/Crompton/Bajaj/Syska make 90 watts LED street lighting fixtures as specification.	Nos	3	13000	-	-	39,000.00
			Rupees Thirteen Thousand Only				
14	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/junction box. All as instructed by the Engineer-in-charge.				-	-	-
14.1	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	8	260	-	-	2,080.00
			Rupees Two Hundreds Sixty Only				
14.2	Installation of 2ft X 2ft (600mm X 600mm) LED recess/surface mounting down light fixtures.	Nos	10	230	-	-	2,300.00
			Rupees Two Hundreds Thirty Only				
14.3	Installation of 90 wats LED lights supplied against Item No: 13.3 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	3	260	-	-	780.00
			Rupees Two Hundreds Sixty Only				
15	Providing assistance of man power for any unforeseen / unexpected works such as Servicing / repair / handling of old & used lighting fixtures, installation of SFU on power DB, providing temporary connection for MCB 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 & repairs / handling of re-usable fixture / cables etc. Which are required for a duration of eight hours.				-	-	-

28/11/20

Name of Work: Construction of Office Building for KPEA and SC, ST Welfare Associations at Kaiga Township. WO / SOQR Number : 500085			Agency Name : M/s K. Babu				
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
15.1	Assistance for work (unskilled).	Operation	10	1200	-	-	12,000.00
		Rupees One Thousand Two Hundreds Only					
15.2	Assistance for work (skilled).	Operation	10	1600	-	-	16,000.00
		Rupees One Thousand Six Hundreds Only					
16	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	2	5200	-	-	10,400.00
		Rupees Five Thousand Two Hundreds Only					
17	Installation, testing and commissioning above earth pit supplied against item Nos 16.0 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	2	5100	-	-	10,200.00
		Rupees Five Thousand One Hundreds 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. 73,25,143.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 73,25,143.00
Work Order Value After Overall Rebate in Words	Rupees Seventy Three Lakh Twenty Five Thousand One Hundreds Forty Three Only

[Signature]
20/12/2024
Head-CTC

[Signature]
23.12.2024
[ACE&US]

