



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

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Ref: NPCIL/KAIGA/CTC/WO/2025/1131

Date: 01-05-2025.

Work Order

To:

M/s ULTRA TECH ENGINEERS,
A-503, Shri Nath Orchid, Mala Raod,
Kota, Rajasthan-324002

Kind Atten: Shri Dadhich Kumar.
Mobile No.: 9413554355
E-mail: ultratech1976@yahoo.com

Work Order Fais No.	:	500091
S.L. Code	:	U0017500091
Account Code	:	14235
Charge Code	:	6353
MSME Category	:	NA
MSME Reg. No.	:	NA

WORK ORDER NO.: 2025_NPCIL_223182_1/81210.01/WO

Sub: Supply, Fabrication, Field Welding, Erection of Storage Shed for
Steam Generators & Miscellaneous Works at Kaiga 5&6 site.

Ref: 1) TENDER ID: 2025_NPCIL_223182_1
2) TENDER NO.: NPCIL/KAIGA-5&6/CTC/PIPING/CPPP/2025/067
3) Last date of submission of tender as per Corrigendum-1 is 03.02.2025.

Dear Sir,

1) Bid Acceptance:

This is to inform you that, the bid submitted by you as referred above 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 Rs. 84,10,125.00 (Rupees Eighty Four Lakhs, Ten Thousand, One Hundred and Twenty Five Only) inclusive of all applicable taxes and including 18% GST.

पंजीकृत कार्यालय 16 : वी तलसेंटर , -1, वर्ल्ड ट्रेड सेंटर.400005-मुम्बई , कोलाबा , कफे परेड ,

Registered Office: 16th Floor, Centre-1, World Trade Centre, Cuffe Parade, Colaba, Mumbai-400005.

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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 The item of SOQR AHR items - Nil and ALR Items: item no. 1.02, 1.14, 2.1 & 4.08.

3) CONTRACT PRICE ADJUSTMENT:

Escalation of payment shall be applicable as per GCC Clause no. 11.3, Sl. No. 21 of Schedule-A & Other conditions of this contract.

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 workmanlike 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 as per Para 9.1.1 of Schedule-A of Tender is **12 Months**.

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.

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- 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 whole contract value Inclusive of GST.

- a) CAR policy for the whole contract value.
- b) The Insurance amount should cover THIRD PARTY LIABILITY to 10% of Contract value subject to a maximum of Rs. 50 lakhs.
- c) Employees State Insurances for contract workers.
- 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 EIC before commencement of the work.

8) TAXES & DUTIES:

For tax related compliance (including TDS) refer Contract document, GCC and Special Conditions of Contract (SCC).

9) ENGINEER-IN-CHARGE:

Shri Prashant Dattatray Shetty, SO/E (Mech.), Kaiga-5&6 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 including GST will be ₹ 8,41,013/- (Rupees Eight Lakh, Forty One Thousand, Thirteen rupees

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Only) and shall be governed as per clause no.4.2 of GCC and as per the relevant orders issued by Govt. of India.

10.1 PERFORMANCE GUARANTEE:

As per clause No.4.2.3 of GCC you shall submit a performance guarantee for ₹ 4,20,506/- (50% of Security Deposit) to the Corporation within 30 days after issue of work order. It should cover the contract period plus defect liability period. In case bank guarantee is submitted it shall be as per the format given in the 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 ₹ 4,20,507/- 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.

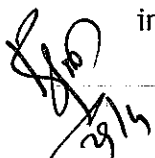
10.3 REFUND OF SECURITY DEPOSIT:

Refund of Security deposit will be regularized as per clause no. 4.3 of 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.


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11.3 The contractor shall make the payment to all its labours on or before 7th of succeeding month and as defined in 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 as per clause No:12.2 of GCC 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 Intimation from Tender Section regarding Work order acceptance & agreement signed by the contractor and submission of Insurance Policies, Copy of PAN, GST Registration certificate and cancelled cheque for Bank Account details 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.

15) TRANSPORT & ACCOMMODATION:

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



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16) AGREEMENT:

A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s ULTRA TECH ENGINEERS** will be executed as per Clause No 21.3 of Tender document and as defined in the special condition of contract 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 ULTRA TECH ENGINEERS**.

Kindly acknowledge receipt of this Work Order.

Thanking you,

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29.04.2025
B27 ६/०१/५

Yours faithfully
For and on behalf of NPCIL

29/4/2025
(DAMODAR V SHANBHAG)
ACE (RE), Kaiga-5&6

Encl: Schedule of quantities and rates.



Print Date: 29-Apr-2025

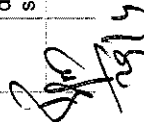
CoManas Name of Work: Supply, Fabrication, Field Welding, Erection of Storage Shed for Steam Generators & Miscellaneous Works at Kaiga 5&6 site.
WO / SOQR Number : 500091 Agency Name : M/s ULTRA TECH ENGINEERS

Item No	Description	Unit	Quantity	Rate in ₹	Rebate In %	Rebated Rate	Amount in ₹
Schedule : Mechanical:NA							
1	Mechanical & Structural Steel Works				-	-	-
1.01	Supply of structural steel as per IS 2062, fabricating & erection/ welding/ Bolted/ Riveted/ assembly of CS structural steel works such as built up sections, trusses, purlins, beams, columns, plates, chequered plates, Miscellaneous structures like plate EP's, Gates, Structural Supporting Stands, piping supports, etc., (other than window & door gills) fabricating, transporting, erecting at site, welding, grouting, leveling, aligning and fixing in position / site welding in their final position etc., as per approved fabrication drawings, including application of one coat of approved primer and two coats of approved quality / shade synthetic enamel paint to exposed surfaces etc., (Total DFT=150microns) Cleaning the work area by collecting & stacking the construction waste / debris & unwanted materials outside the periphery of the work premises etc. complete all as per specification, as per drawing and as directed by the Engineer-in-charge at all lifts & locations. Note: Cost is inclusive of Providing, fixing and removing of Scaffolding for working platform for height work (at all lifts & locations), labour & consumables. Cost is inclusive of high strength bolts, washer and nuts. Cost is inclusive of 20 % LPE of welded joints.	MT	45	112000	-	-	50,40,000.00
			Rupees One Lakh Twelve Thousand Only				
1.02	Supply and installation of Hilti HST3/ Fischer FAZ II make make anchor fasteners of M 16 X min. 170 mm size, Including cost of handling, scaffolding, labour, tools, drilling of holes, tightening of fasteners and deployment of required tools, machinery and consumables as per specifications/drawings/ as directed by engineer in charge.	No.	250	400	-	-	1,00,000.00
			Rupees Four Hundreds Only				
1.03	Supply of calibrated Analog Pressure Gauge with range: 0-4 kg/cm2 (min.), resolution: 0.05 kg/cm2 or better, Accuracy: +/- 1% FSD or better as per IS 3624, SS internals and casing, and as directed by Engineer In Charge. Note: Calibration certificate either from manufacturer or NABL accredited laboratory shall be provided at the time of delivery.	No.	4	2200	-	-	8,800.00
			Rupees Two Thousand Two Hundreds Only				
1.04	Supply of calibrated Digital Pressure Gauge with range: 0-4 kg/cm2(min.), resolution: 0.05 kg/cm2 or better, Accuracy: +/- 0.2% FSD as per IS 3624 and as directed by Engineer In Charge. Note: Calibration certificate either from manufacturer or NABL accredited laboratory shall be provided at the time of delivery.	No.	1	11000	-	-	11,000.00
			Rupees Eleven Thousand Only				
1.05	Supply of Inorganic Zinc Silicate Primer along with compatible thinner as specified by brand, as per specification and as directed by the Engineer-in-charge. Approved make of Primer Paints: Berger make Zinc Anode 304 NPC Coating, (or) Ameron make Dimetecot, (or) AkzoNobel make Interzinc 1035 coating, (or) any other alternate make with prior approval by NPCIL.				-	-	-
1.05.1	Inorganic Zinc Silicate Primer	Litre	45	1300	-	-	58,500.00
			Rupees One Thousand Three Hundreds Only				
1.05.2	Compatible Thinner as specified by brand of supplied primer	Litre	20	210	-	-	4,200.00

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
		Rupees Two Hundreds Ten Only					
1.06	Supply of Heat Resistant Aluminium finish paint along with compatible thinner. The finish paint shall be compatible with the supplied primer (item no. 1.05) as per specification, and as directed by the Engineer-in-charge. Approved make of paints: are Berger make Lumerous HR/47, (or) Ameron make Amercoat 741, (or) AkzoNobel make Intertherm 50 coating, (or) any other alternate make with prior approval by NPCIL.	Litre	20	460	-	-	9,200.00
1.06.1	Heat Resistant Aluminium finish paint	Rupees Four Hundreds Sixty Only					
1.06.2	Compatible Thinner as specified by brand of supplied finish paint	Litre	20	190	-	-	3,800.00
		Rupees One Hundreds Ninety Only					
1.07	Application of Inorganic Zinc Silicate Primer to achieve a DFT of 60-75 microns for SG and its supports with compatible thinner/ cleaner, finish, etc.: as specified by the brand of primer, etc., including cost of all consumables, complete all as per specification, as per drawing and as directed by the Engineer-in-charge at all lifts & locations.	SqM	10	98	-	-	980.00
		Rupees Ninety Eight Only					
1.08	Application of Heat Resistant Aluminium finish paint to achieve a DFT of min. 50 microns for SG and its supports, with compatible thinner/ cleaner, finish, etc.: as specified by the brand of paint, etc., including cost of all consumables, complete all as per specification, as per drawing and as directed by the Engineer-in-charge at all lifts & locations.	SqM	10	130	-	-	1,300.00
		Rupees One Hundreds Thirty Only					
1.09	Supply of 100 NB ISI marked, GI pipe : Heavy Grade, plain ends, Hot Finished Seamless (HFS), in 6 MTR. Lengths, Conforming to IS: 1239 as directed by Engineer In charge.	MTR	150	1400	-	-	2,10,000.00
		Rupees One Thousand Four Hundreds Only					
1.10	Supply of 80 NB ISI marked, GI pipe : Heavy Grade, plain ends, Hot Finished Seamless (HFS), in 6 MTR. Lengths, Conforming to IS: 1239 as directed by Engineer In charge.	MTR	60	1000	-	-	60,000.00
		Rupees One Thousand Only					
1.11	Supply and delivery of 3 phase 2 HP, Size 50x40, Head 22M, Discharge 186 LPM Centrifugal pumpset at site brand new best make and with discharge duty conforming to ISI standards and its latest amendments, as per specifications and as directed by Engineer In charge.	No.	4	22000	-	-	88,000.00
		Rupees Twenty Two Thousand Only					
1.12	Piping Erection: Handling, Wire brush cleaning, fabrication and Erection of Piping & its fittings/ valves on permanent pipe supports, generating reports etc. as per Technical Specification and as directed by the Engineer In-charge of the work. Refer scope of work in Section -V of the tender document for additional details. (Rate is inclusive of Hydro testing of pipeline to specified pressure as per specifications, all labour, consumables, equipments charges & arrangements etc.)	inch mtr	860	120	-	-	1,03,200.00
		Rupees One Hundreds Twenty Only					
1.13	Welding of CS/ GI Piping SMAW/ TIG for BW/NW/SW/Slipon flange welding / seal welding etc including degalvanising of Pipe ends as per requirement. (Same rates for Pipe sizes 25 NB to 200 NB). Refer scope of work in Section -V of the tender document for additional details. (Rate is inclusive of all labour, equipments charges, consumables, etc.)	inch dia	180	500	-	-	90,000.00
		Rupees Five Hundreds Only					
1.14	Carrying out Dye-Penetrant Test (DPT) for completed weld of root & final pass of piping joints as per requirement(including all consumables, labour, DPT operator & inspector, etc.).	inch dia	36	60	-	-	2,160.00
		Rupees Sixty Only					
	Dismantling steel work in built up sections in angles, tees, flats, plates and channels, etc. including all						

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate In Words					
1.15	gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking to the appropriate disposal area as per direction of Engineer-in-charge.	kg	3000	6	-	-	18,000.00
		Rupees Six Only					
1.16	Supply & application of [30-40 micron DFT per coat] of Epilux High Build Zinc Phosphate Primer and First quality synthetic Enamel paint of make Berger / Asian / Nerolac / Shalimar / ICI paints. Work involves material supply, Cleaning, Surface preparation and application of one coats Zinc based primer & two coats of Synthetic enamel paint for C.S. Pipelines & Steel structures / pipe supports etc. Total DFT shall be min. 150 microns. (Rates shall be inclusive of labour & consumables, arranging scaffoldings & safety gears and as per scope of work).	SqM	200	220	-	-	44,000.00
		Rupees Two Hundred Twenty Only					
2	Roofing & Sheeting Works						-
2.1	Supply and laying/ fixing Plain or Curved Galvalum sheets for roofing, ridges, rain water gutter & cladding etc. (not less than 0.4 mm thick), of pre painted aluminium-zinc alloy metallic coated steel sheet, coating grade: AZ-70/AZ-100, paint material top coat of polyester/ polyurethane, material of bottom coat: alkaloid epoxy, no. of corrugation/ trapezoidal = 6, conforming to IS15965, trapezoidal profile not less than 0.4mm thick at pitch. Pitch not less than 203 mm. Appropriate length & width of sheets as per site measurement/ as directed by engineer, including providing & fixing necessary self drilling screws with washers, galvalum sheet shall be of shade/ colour (as per site requirement) and as selected by Engineer In Charge) and of standard make, preparation of base, providing, fixing & removing staging/ platform/ ladder wherever required, collecting & disposing the generated waste & construction waste etc. away from the work premises & cleaning the work area, etc. complete all as per standard & manufacturer's specification, drawing (if any) and as directed by Engineer In Charge at all locations & at all lifts & heights. Note: payment will be made for projected area.	SqM	1100	550	-	-	6,05,000.00
		Rupees Five Hundred Fifty Only					
2.2	Providing and fixing 2 mm thick UV established translucent Polycarbonate sheet skylight panels including fixing in position with beadmastic tape of approved quality with adjoining sheets to avoid any leakage all complete as per technical specification-V & the direction of Engineer-in-charge. Note: payment will be made for projected area.	SqM	20	650	-	-	13,000.00
		Rupees Six Hundred Fifty Only					
2.3	Providing and fixing on the wall surface UPVC pressure [4 kgs/sqm] Pipes of 200mm dia. Rain Water Down Commer Pipe of 4 Kgs. pressure with specials [such as tees; bends; junction with or without doors; flanges and all other required fittings etc.] of superior make, for Rain Water Down Commer Pipes including providing & Fixing necessary clamps [GI clamps of 25 mm. wide x 4 mm. thick] of length [as per site requirement], hard wood packing pieces, PVC solvents, screws / nails, cement & sand etc, preparation of base, providing; fixing & removing necessary staging / platform / ladder wherever required, collecting and disposing the generated waste & construction waste etc. away from work premises & cleaning the work area etc., complete as per standard & manufacturers technical specification, drawing [if any] and as directed by engineer-in-charge at all locations and at all lift.	RM	48	2200	-	-	1,05,600.00
		Rupees Two Thousand Two Hundred Only					
2.4	Providing, and fixing wind driven Turbo air ventilators, made up of Aluminium of size 600mm (24") diameter, [area to be ventilated shall not be less than 400 sqft], including Aluminium base of thickness shall not be less than 0.7 mm and preferably profile should match with roofing to form a closed back formation. Dimension of Turbo fan 600mm X 38 vanes and fixed on base, approved make and color. All the necessary accessories required for installation shall be provided as per site requirement or directed by Engineer. Providing, fixing & removing necessary staging/ platform/ ladder wherever required collecting & disposing the generated waste & construction waste etc. away from the work premises, complete all as per specification section V or as directed by Engineer at all locations and at all lifts.	No.	18	6000	-	-	1,08,000.00
		Rupees Six Thousand Only					



Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
3	Electrical Works				-	-	-
3.01	Supply and installation of 4 way TPN vertical mounting type in sheet steel metal enclosure, Double door type MCB distribution board suitable for 415 Volts. The DB shall suitable for surface mounting, consisting of following MCB's and neutral link, complete with tinned 100A copper bus bar & other details as per technical specifications, as per relevant standards and as directed by Engineer In Charge. Cost is inclusive of the supply of following components: a) 63A TPN RCCB (30 mA) as incomer- 1 No. b) 6-32A TP (C Curve) MCB as outgoing -2 Nos. c) 6-32A SP (C Curve) MCB as outgoing -12 Nos.	Set	1	24000	-	-	24,000.00
		Rupees Twenty Four Thousand Only					
3.02	Supply & Installation of 1440rpm, 15" Sweep (450 mm) heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC, with bolts and nuts and 5 A. ceiling rose with sufficient length of 230.0076 inch PVC insulated twin core wire complete as per specifications, as per relevant standards and as directed by Engineer In Charge.	No.	4	6000	-	-	24,000.00
		Rupees Six Thousand Only					
3.03	Supply & installation of 100W LED flood light luminaries with constant current driver suitable for mounting on pole/wall with adjustable mounting bracket for fixing arrangement, shall operate on 220-240 V AC 50 Hz power supply. LED Fixture shall be of high power LED's with Fixture efficiency > 80 Lm /W & operable life > 50,000 Hrs. generating cool white light, housed in pressure die cast aluminium alloy with higher thermal conductivity, heat resistant glass, synthetic gasket, weather proof surface coating, color rendering index shall be 75 to 80, suitable for outdoor application with IP 66 protection. The fixture shall be suitable to operate at height of about 3 to 10 Mtr. complete as per specifications, as per relevant standards and as directed by Engineer In Charge.	No.	10	3000	-	-	30,000.00
		Rupees Three Thousand Only					
3.04	Supply & installation 16 Amps, 3 pin, Metal clad Plug top & Socket with scrapping earth conforming to IS 8804. 16 Amps SP MCB shall be fixed on din rail completely pre-wired in sheet metal enclosure. The Sheet metal enclosure shall be of surface mounting type with powder coated equivalent to Legrand Model cat No. 5078 11.. Installation covers, supply of all consumables, rawal plug/wooden screws etc to complete the installation in all respect. All other details are as per Technical specifications, as per relevant standards and as directed by Engineer in charge on the basis of site condition.	each	2	1650	-	-	3,300.00
		Rupees One Thousand Six Hundreds Fifty Only					
3.05	Supply of maintenance free earthing stations as per technical specifications. The Maintenance free earth pit station made out of 3 Mtrs. length, 80mm dia Copper 250 micron coated/ GI Pipe and back filling compound & masonry chamber or readymade FRP pit cover as per IS - 3043 at location shown by the Engineer. All as per technical specifications.	No.	2	6000	-	-	12,000.00
		Rupees Six Thousand Only					
3.06	Installation, testing & commissioning above earth pit supplied against item no. 3.05 at location shown by the Engineer in charge. The scope of work includes excavation of earth to the required depth and back filling with back filling compound after installation of earth electrode etc., as per technical specifications, as per relevant standards and as directed by the Engineer in charge.	No.	2	4500	-	-	9,000.00
		Rupees Four Thousand Five Hundreds Only					
3.07	Supply & installation of 25 X 3 mm sizes of GI flat for structure/ DB/equipment earthing purpose. Flat shall be laid on floor surface /along the panel/ below finished ground level (if required) and through routes as directed by Engineer -in -Charge. The scope of work includes clamping of flat at an interval of 500 mm on wall /structure/equipment surface, laying in ground by excavating to a depth of about 300mm & in trench/floor & bending, drilling, welding & connection with required G.I hardware etc & all other details are as per Technical specifications, as per relevant standards and as directed by Engineer In Charge on the basis of site condition.	Mtr	100	104	-	-	10,400.00
		Rupees One Hundreds Four Only					
3.08	Supply and pulling of following size 1100 Volts grade PVC insulated FRLS copper conductor (multi-stranded) wire in already installed conduit/casing & capping for lighting/power circuits. The contractor has to supply the wire of required colour code for each phase, neutral & earth. The wire shall be terminated at						



Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Rate in Words							
3.08.1	both ends with using lugs & proper identification ferrules. All other details are as per Technical specifications, as per relevant standards and as directed by Engineer In Charge on the basis of site condition.	Mtr	900	50	-	-	45,000.00
	1.5 sq.mm Copper wire			Rupees Fifty Only			
3.08.2		Mtr	400	78	-	-	31,200.00
	2.5 sq.mm Copper wire			Rupees Seventy Eight Only			
3.09	Supply & installation 25 mm dia size heavy duty, rigid PVC conduit as per relevant and latest IS. The scope of work includes installation of conduit on wall/truss along with supply of all accessories like Elbow, 1way/ 2 way / 3 way/4 way JB etc. by using suitable saddles at an interval of 600mm(on wall surface) / Aluminium clamp at an interval of 1000 mm (on truss/pipe) as per site requirement. The required materials has to be supplied by the contractor to complete the job in all respect, as per specifications, as per relevant standards and as directed by Engineer In Charge.	mtr	430	110	-	-	47,300.00
				Rupees One Hundreds Ten Only			
3.10	Supply and installation of modular slim Switch, power socket as per following. All as per technical specifications, as per relevant standards and as directed by Engineer In Charge.				-	-	-
3.10.1	6A, SP switch for light/power point control.	No.	15	135	-	-	2,025.00
				Rupees One Hundreds Thirty Five Only			
3.10.2	6 A multi socket for 3/2 pin, shutter type	No.	4	230	-	-	920.00
				Rupees Two Hundreds Thirty Only			
3.10.3	16A One Way Switch	No.	2	240	-	-	480.00
				Rupees Two Hundreds Forty Only			
3.10.4	6/16A Universal Socket	No.	2	320	-	-	640.00
				Rupees Three Hundreds Twenty Only			
3.11	Supply and installation of 12 Module, surface mounting heavy duty PVC modular switch board with base frame and front plate for accommodating above supplied switches/socket in the board. Installation covers, all consumables, rawal plug/wooden screws etc to complete the installation in all respect. Suggested Make: Anchor/MK/Havells/LEGRAND. Other details as per Technical specifications, as per relevant standards and as directed by Engineer In Charge.	each	2	850	-	-	1,700.00
				Rupees Eight Hundreds Fifty Only			
3.12	Supply and installation of 4 Module, surface mounting heavy duty PVC modular switch board with base frame and front plate for accommodating above supplied switches/socket in the board. Installation covers, all consumables, rawal plug/wooden screws etc to complete the installation in all respect. Suggested Make: Anchor/MK/Havells/LEGRAND. Other details as per Technical specifications, as per relevant standards and as directed by Engineer In Charge.	each	2	450	-	-	900.00
				Rupees Four Hundreds Fifty Only			
3.13	Supply and delivery at site brand new best make starter/ control panel suitable for 3 phase 2 HP centrifugal pump confirming with ISI mark and its latest amendments. Phase indicating lamps with SFU of suitable rating, Analog Ammeter, Analog Voltmeter, Isolating switch OUTGOING for Main Electrical Pump: 1 No.	No.	4	14000	-	-	56,000.00

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
	MCB 1 No. DOL Starter suitable for 2 HP, Electrical Protection Like Phase preventor, under voltage, over Voltage, under current, over current & dry run protection suitable for the pump complete as per specifications, as per relevant standards and as directed by Engineer In Charge.					Rupees Fourteen Thousand Only	
4	Civil Works						
4.01	Earth work excavation for Foundation, footing, pedestals, drains, canals, waste weir, draft, approach channels, key trenches, etc. by Manual means for all works & depth upto 1.5 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.	CuM	20	300	-	-	6,000.00
						Rupees Three Hundreds Only	
4.02	Providing and laying in position plain cement concrete 1:3:6 using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation, plinth, bedding, platform, pathways & all other miscellaneous PCC works including mixing, transporting, laying, spreading, compacting, levelling, finishing, curing, formwork etc. 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 machines, curing, and all the other appurtenances required to complete the work as per technical specifications & as directed by Engineer In Charge. Note: Rates shall be including the cost of Formwork, staging and all other concreting forming accessories/consumable required.	CuM	6	7000	-	-	42,000.00
						Rupees Seven Thousand Only	
4.03	Providing & Constructing Masonry with standard quality CC Solid Blocks of standard size [Approved by EIC], having crushing strength not less than 75 Kgs/cm ² & density between 1800 kg/cum to 2300 kg/cum in CM 1:5 for foundation [plinth, drains, walls & repair works etc.] & superstructure [walls] and all other miscellaneous masonry works for foundation & superstructure etc. including simultaneous flush pointing, curing, preparation of base by close hacking / chipping the concrete / plastered surfaces & cleaning at all locations & lifts/heights etc. all complete as per specifications and as directed by Engineer-in-charge.	CuM	25	7000	-	-	1,75,000.00
						Rupees Seven Thousand Only	
4.04	Providing and laying External Cement Plaster (New or Old repair / patch / rectification works) 18 mm thick in Two Coats. Base coat shall be 12 mm thick in CM 1:5 & finishing coat shall be 6 mm thick in CM 1:3 (sponge finished) with approved Non-Shrink Water Proofing Compound @ 2 % by the weight of cement / as per the recommendation of the manufacturer to the Masonry surfaces & concrete surfaces etc. rubbed perfectly so as to obtain smooth & even finish including curing; including providing and fixing with all necessary consumables fixtures chicken wire or fibre mesh over the junction/interface of different material surface such as RCC/Masonry wherever required; including preparation of base by close hacking / chipping the concrete / plastered surfaces & cleaning at all locations & lifts / heights etc. all complete as per specifications and as directed by Engineer-in-charge.	SqM	110	400	-	-	44,000.00
						Rupees Four Hundreds Only	
4.05	Providing and laying Internal Cement Plaster (New or Old repair / patch / rectification works) 12 mm thick in CM 1:4 to the masonry & concrete surfaces etc., rubbed perfectly so as to obtain smooth & even finish including curing, providing and fixing with all necessary consumables, fixtures chicken wire or fibre mesh over the junction/interface of different material surfaces such as RCC/Masonry wherever required; including preparation of base by close hacking / chipping the concrete / plastered surfaces & cleaning at all locations & lifts / heights etc. all complete as per specifications and as directed by Engineer-in-charge.	SqM	110	300	-	-	33,000.00
						Rupees Three Hundreds Only	
	Providing and applying One Coat of Interior Grade Primer of standard make & 1st quality and Two Coats of Interior Grade Acrylic Plastic Emulsion Paint, of shade / colour [as per site requirement & as selected by engineer-in-charge], of standard make & 1st quality [Such as Nerolac impression kashmir, Berger Rangoli	SqM	110	130	-	-	14,300.00

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
4.06	Totalcare, Asian Paints apcolite all protek etc.], over the interior surface of plastered, concrete or masonry wall, RCC members such as columns, beams & other concrete surfaces, including providing & applying Two Coats of Acrylic/Compatible wall Putty [of standard make & 1st quality] for entire surface at all locations & lifts / heights etc.all complete as per specifications and as directed by Engineer-in-charge.			Rupees One Hundreds Thirty Only			
4.07	Providing and applying Two Coats of Exterior Grade weather & Water Proof Paint, of standard make & superior 1st quality [Such as Apex Altima, weather coat alquard, weather shieldma & Excel Total etc.], of shade / colour [as per site requirement & as selected by engineer-in-charge] for Surfaces of concrete or masonry wall, RCC members such as columns; beams & other concrete surfaces. Exterior Grade weather & Water Proof Paint shall be conforming to relevant BIS specification of latest edition, preparation of surfaces by sand papering & Pressured Water Jet machine wherever required, cleaning the surface, surface shall be neat, clean & dry before application paint. Providing, fixing & removing necessary staging / platform / ladder wherever required, collecting & disposing the generated waste & construction waste etc. away from work premises & cleaning the work area etc. complete all as per standard & manufacturer's specification and as directed by engineer-in-charge at all locations and at all lift & height.	SqM	110	250	-	-	27,500.00
			Rupees Two Hundreds Fifty Only				
4.08	Supply of 1.5 mm thick PVC vinyl flooring sheet/ panels as per technical specification-V & as directed by Engineer-in-charge.	SqM	1000	350	-	-	3,50,000.00
			Rupees Three Hundreds Fifty Only				
4.09	Placement/ Laying of PVC vinyl flooring sheet with all consumables like adhesives, etc. on sub floor stretching, cutting and fixing complete , including cost of consumables, complete as per specifications-V & as directed by Engineer-in-charge.	SqM	1000	240	-	-	2,40,000.00
			Rupees Two Hundreds Forty Only				
4.10	Providing and fixing Powder Coated Aluminium frames and shutters (minimum thickness of powder coating 50 micron) for 2 track & 3 track windows, ventilators and partitions with extruded built up standard tubular sections/appropriate sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitered and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. including cost of materials, labour, usage charges of machinery complete as per specifications. Note:- Glazing shall be paid separately under relevant item.	Kg	150	600	-	-	90,000.00
			Rupees Six Hundreds Only				
4.11	Providing and fixing 4 mm thick Clear Glass for Windows, Ventilator, Partitions, door & other opening etc. with nylon / rubber clear beading, Glass shall be of approved make & quality and free from all defects, cutting to required shape & size as per site requirement, preparation of base, providing, fixing & removing necessary staging / platform / ladder, collecting & disposing the generated waste & construction waste etc. away from work premises & cleaning the work area, etc. complete all as per standard & manufacturers technical specification, drawing and as directed by Engineer-in-charge at all locations and at all lift / height.	SqM	9	1500	-	-	13,500.00
			Rupees One Thousand Five Hundreds Only				
4.12	Providing MS structural steel works like Grills for windows, ventilators, sliding gates, entrance gates, ladders work [openings] & all other miscellaneous structural steel works etc using approved mild steel sections. Including, collecting, loading / unloading, carriage, fabricating and fixing in position with hold fasts in PCC (1:2:4) by chipping the masonry / concrete, finishing the same, curing aligning the grills to true line, level, plumb, providing, fixing and removing necessary scaffolding / platform, surface preparation by cleaning & brushing with wire brush for removal of oil, grease, dead mortar, dust, dirt, loose particles & other unwanted matters, rate shall be inclusive of all required consumables & miscellaneous materials providing & painting one coat of approved primer and two coats of approved quality / shade synthetic enamel paint and cleaning the work area & disposing the debris / unwanted materials outside the periphery	kg	100	195	-	-	19,500.00
			Rupees One Hundreds Ninety Five Only				

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
	of the work premises etc. complete all as per specification, as per drawing and as directed by the Engineer-in-charge at all lifts & locations.	Rate in Words					
4.13	Providing and fixing bright /matt finished Stainless Steel tower bolt of size 200 mm long & 10 mm dia of approved quality & make for door shutter. ISI marked, required colour or shade, with necessary screws etc. complete, cleaning the work areas and disposing the debris / waste outside the periphery of the work premises etc. complete all as per specification and as directed by the Engineer-in-charge at all lifts and locations.	Each	4	180	-	-	720.00
		Rupees One Hundreds Eighty Only					
4.14	Providing and fixing 200 mm grip D type bright / matt finished Stainless Steel door handles of approved quality & make for door shutter with necessary screws etc., complete, cleaning the work areas and disposing the debris / waste outside the periphery of the work premises etc. complete all as per specification and as directed by the Engineer-in-charge at all lifts.	Each	4	600	-	-	2,400.00
		Rupees Six Hundreds Only					
4.15	Filling of available excavated soil for filling trenches, depressions, plinth, sides of foundations, etc. as directed by Engineer - in - charge.	CuM	5	320	-	-	1,600.00
		Rupees Three Hundreds Twenty Only					
4.16	Providing and laying RCC of grade 1:1.5:3 using 20 mm & downsize clean, crushed, well graded, aggregates of hard, durable & approved quality for foundation, rafts, footings, plinth, columns, beams, Chajias, Lintels, bedding, platform, pathways, walk ways and all miscellaneous in-situ concrete works etc. including preparation of base by close hacking / chipping the concrete & plastered surfaces, mechanical mixing, transporting, laying, spreading, compacting, levelling, finishing & curing at all locations & lifts / heights etc. all complete as per specifications and as directed by Engineer-in-charge Note: 1) Reinforcement shall be paid shall be paid as per the relevant item. 2) Rates shall be including the cost of Formwork, staging and all other concreting forming accessories/consumable required	CuM	20	7500	-	-	1,50,000.00
		Rupees Seven Thousand Five Hundreds Only					
4.17	Providing and laying Steel Reinforcement of grade Fe-500 / Fe-500 D HYSD bars of all diameters as per IS:1786 [latest edition] of brand approved by EIC including removing loose scales, 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 at all locations & lifts / heights etc. all complete as per specifications and as directed by Engineer-in-charge.	MT	1	80000	-	-	80,000.00
		Rupees Eighty Thousand Only					
5	Fire Fighting				-	-	-
5.1	Supplying, Installing, testing and commissioning of 63 mm dia single headed Gunmetal Hydrant Valve with flanged inlet, stop valve, spindle and cast iron hand wheel to suit 80 NB pipe flange. It has a female instantaneous outlet with Blank Cap and is Hydrostatically tested to 21Kg/cm2 pressure having a flow rate of 900 LPM at 7Kg/cm2 of pressure with blank cap and wheel as per IS 5290 etc. complete including cost of materials, labour, usage charges of machinery complete as per specifications and as directed by Engineer in Charge. Cost is inclusive of Supply of compatible fasteners & Flange.	No.	5	12500	-	-	62,500.00
		Rupees Twelve Thousand Five Hundreds Only					
5.2	Supplying, Installing, testing and commissioning of Hose cabinet made out of 18 gauge M.S. sheet with double glass door with lacing arrangement and painted with two coats of Fire red Enamel paint at outer side of the Box and two coats of white enamel paint at inner side of the box is to accommodate 2 Nos. of Fire hose box size min. 20"x24"x10" complete including cost of materials like bolts and nuts and rubber insertion etc, labour, usage charges of machinery complete as per specifications and as directed by Engineer in charge.	No.	5	8000	-	-	40,000.00
		Rupees Eight Thousand Only					
5.3	Supplying of four bucket stand alongwith buckets, painted with two coats of Fire red Enamel paint and installation of the same at the location identified by Engineer in Charge Complete as per specifications and as directed by Engineer in charge.	Set	2	2250	-	-	4,500.00
		Rupees Two Thousand Two Hundreds Fifty Only					

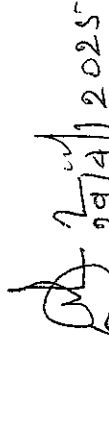
Name of Work: Supply, Fabrication, Field Welding, Erection of Storage Shed for Steam Generators & Miscellaneous Works at Kaiga 5&6 site. Agency Name : M/s ULTRA TECH ENGINEERS WO / SOQR Number : 500091							
Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
5.4	Supplying, installing, testing and commissioning of Reinforced Rubber Lined 2 nos. RRL Fire hose of 63mm dia 15m length as per IS8423 binded with one set of male and Female Instantaneous Gunmetal coupling as per IS 903 complete including cost of materials, labour, usage charges of machinery complete as per specifications and as directed by Engineer in charge.	Set	5	6000	-	-	30,000.00
		Rupees Six 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. 84,10,125.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 84,10,125.00
Work Order Value After Overall Rebate in Words	Rupees Eighty Four Lakh Ten Thousand One Hundreds Twenty Five Only


J. V. S. Thirumala
29/04/2025


29/04/2025
Head (CTC)


29/4/2025
ACE (RE), Kaiga - 5&6

Signature Not Verified

Digitally signed by BASA NAGOUDA
SHIVAGOUDA NAGANURI
Date: 2025.05.01 12:58:31 IST
Location: eProcurement System for
Central PSUs