



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- C&MM (Works Group)/Infra-Elect/CPPP-WO/2025-26/1135 Date: 07.05.2025

Work Order

To

M/s. Shanmukh Electrical Works
Opp: Subhadra Hotel, Kaiga Road
Kurnipeth, Karwar
Uttar Kannada - 581 400

Work Order Code No.	:	102144
S.L. Code	:	S0120102144
Account Code	:	14390
Charge Code	:	9953
MSME	:	NA
MSME Registration No	:	NA

Kind Atten: Shri Mohandas S. Naik

Mob: 9480086775

E-mail : manasanaik2010@rediffmail.com

WORK ORDER NO : 2025_NPCIL_226804_1/92210/WO

Name of Work : Internal Electrification of CS Drum storage shed at WMCF
Kaiga site 1&2
Ref : 1. CPPP/2025/075/2025_NPCIL_226804_1
2. Last date of submission of Tender is 22.03.2025

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. 5,16,866/- (Rupees Five Lakh Sixteen Thousand Eight Hundred and Sixty Six only) inclusive of all applicable taxes and including GST.

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

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

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 Item: Nil.**

ALR Item : 1.06, 1.13, 1.18 & 1.22

3. CONTRACT PRICE ADJUSTMENT:

Escalation of payment shall be applicable as per GCC Clause no.11.3, Sl. No. 21 of Schedule-A and other condition of this contract.

4. EXECUTION OF WORK :

4.1 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 **Ninety (90) days** from the date of commencement. The date of commencement 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.

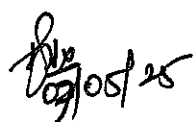
5.2 Defect Liability Period:

The Defect Liability Period as per Para 9.1.1 of Schedule-A of Tender is **No As per 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.

 09/05/25

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 - Applicable As per Schedule - A
- 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 sl. No. 2.33 of special conditions of contract (SCC)

9. ENGINEER-IN-CHARGE:

Shri. S. P. Kamat, OIC (T/S Electrical Infra) 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% and the contract value will be ₹ 51,687/- (Rupees Seven Lakhs Twenty Three Thousand Only) and shall be governed as per clause no.4.2 of GCC and as per 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 ₹ 25, 843/- (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 documents.

10.2 Retention Money:

As per clause No.4.2.5 of GCC, the remaining amount (50% of Security Deposit) of Security Deposit of ₹ 25, 844/- 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.

11.3 The contractor shall make the payment to all its labours on or before 7th of succeeding month and as defined in clause no: 2.9 of 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.

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 Certificates and Cancelled Cheque or Bank Details to the EIC.

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. SECUTIRY, SAFETY & HOUSEKEEPING:

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

15. AGREEMENT:

A formal agreement incorporating all the terms and conditions agreed between NPCIL and **M/s. Shanmukh Electrical Works.**, will be executed within the period as defined in the special condition of contract clause no. 2.14 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. Shanmukh Electrical Works.**

Kindly acknowledge receipt of this Work Order.

Thanking you,

Yours faithfully
For and on behalf of NPCIL

[Handwritten signature]
07.05.2025
Head (SC) E&US Kaiga
[Handwritten signature]
07/05/25

[Handwritten signature]
7.5.25
(Amol Revankar)
Chief Engineer (E&US) Kaiga Site

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Kaiga Generating Station

Schedule Of Quantities And Rates



Print Date: 07-May-2025

CoManas		Name of Work: Internal Electrification of CS Drum storage shed at WMCF Kaiga site 1&2. WO / SOQR Number : 102144		Agency Name : M/s. SHANMUKH ELECTRICAL WORKS			
Item No	Description	Unit	Quantity	Rate in ☐	Rebate in %	Rebated Rate	Amount in ☐
Schedule : E&US:NA		Rate in Words					
1	Providing and fixing of following materials for electrification of C.S Drum storage area. The scope of work includes providing & installation of 180 to 200 Watt LED High bay fittings, 110 to 120 Watt LED Street Light fittings and 45 to 50 Watt LED Flood Light fittings for surrounding area of shed and pathway. Providing and pulling of 3 Core X 2.5 Sq. MM copper cable (Colour Code: Red, Black & Green) inside conduit for giving connection to lighting fixtures. Fixing of 12 nos of JB of Size 100 X 100 MM for giving electrical connection to lighting fixtures with each JB Consisting of 3 no's of 10 Sq. mm TB. Providing and installation of 100 X 100 MM GI Box, the box shall be provided with 3 nos of 20 Amps single pole MCB's as incomer & outgoing completely prewired. The Box shall be installed on wall surface by providing suitable screws & grips. Supply and pulling 4 Core X 10 Sq. MM armoured aluminium cable with 2 numbers of 10sqmm gland. Providing, Installation, testing and commissioning of Maintenance free earth pit station. All as directed by the Engineer.	Nos	12	12000	-	-	1,44,000.00
1.01	Providing of 180 to 200 Watt LED High bay Light Fittings. Make shall be of Philips / Bajaj / Crompton greaves / Havells / Syska / Wipro.	Rupees Twelve Thousand Only					
1.02	Providing of 110 to 120 Watt LED Street Light Fittings. Make shall be of Philips / Bajaj / Crompton greaves / Havells / Syska / Wipro.	Nos	20	6400	-	-	1,28,000.00
1.03	Providing of 45 to 50 Watt LED Flood Fittings. Make shall be of Philips / Bajaj / Crompton greaves / Havells / Syska / Wipro.	Rupees Six Thousand Four Hundreds Only					
1.04	Installation of spares supplied against Item No. 1.1 to 1.3 of SOQR.	Nos	20	2100	-	-	42,000.00
1.05	Providing of 3 Core X 2.5 sq.mm copper, multi strand, flexible cable (Colour Code: Red, Black & Green). The make of cable shall be of Finolex / V-guard / Polycab / Premier / Nicco / Sirco / Havells (One Roll/Coil is consist of 100 metre length).	Rupees Two Thousand One Hundreds Only					
1.06	Pulling of 3 Core X 2.5 sq.mm copper, multi strand, flexible cable supplied against item no.1.5 of SOQR.	Nos	52	450	-	-	23,400.00
		Rupees Four Hundreds Fifty Only					
		Metre	500	70	-	-	35,000.00
		Rupees Seventy Only					
		RM	500	35	-	-	17,500.00
		Rupees Thirty Five Only					
		Metre	150	160	-	-	24,000.00

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Name of Work: Internal Electrification of CS Drum storage shed at WMCF Kaiga site 1&2.
WO / SOQR Number : 102144

Agency Name : M/s. SHANMUKH ELECTRICAL WORKS

Item No	Description	Unit	Quantity	Rate in ☐	Rebate in %	Rebated Rate	Amount in ☐
1.07	(meter length).	Rate in Words					
		Rupees One Hundreds Sixty Only					
		Nos	10	80	-	-	800.00
1.08	Providing of ERW Elbow suitable for 16 SWG 25mm dia rigid ERW conduit as per IS14768.	Rupees Eighty Only					
		Nos	10	80	-	-	800.00
1.09	Providing of ERW Bend suitable for 16 SWG 25mm dia rigid ERW conduit as per IS14768.	Rupees Eighty Only					
		Nos	12	128	-	-	1,536.00
1.10	Providing of GI round junction boxes suitable for 16 SWG 25mm dia rigid ERW conduit as per IS14768.	Rupees One Hundreds Twenty Eight Only					
		Metre	12	65	-	-	780.00
1.11	Providing of GI flexible suitable for 16 SWG 25mm dia rigid ERW conduit as per IS14768.	Rupees Sixty Five Only					
		Nos	100	13	-	-	1,300.00
1.12	Providing of GI saddles suitable for 16 SWG 25mm dia rigid ERW conduit as per IS14768.	Rupees Thirteen Only					
		Nos	150	95	-	-	14,250.00
1.13	Installation of ERW conduit supplied against Item No. 1.7 of SOQR. The required hardware's such as screw and nylon plug / gripper is in contractor scope.	Rupees Ninety Five Only					
		Nos	12	1650	-	-	19,800.00
1.14	Providing and installation of Junction Box (JB) of Size 100 mm X 100 mm with each JB shall consisting of 3 nos of 10 sq.mm TB (Terminal Box).	Rupees One Thousand Six Hundreds Fifty Only					
		Nos	1	2000	-	-	2,000.00
1.15	Providing and installation of 100 X 100 mm ABS/GI MCB box, the box shall be provided with 3 nos of 20 Amps single pole MCB's as incomer & outgoing completely prewired. The Box shall be installed on wall surface by providing suitable screws & grips.	Rupees Two Thousand Only					
		Metre	150	185	-	-	27,750.00
1.16	Providing of 4 C X 10 sq.mm Aluminium armoured cable. The make of cable shall be of Finolex / V-guard / Polycab / Premier / Nicco / Sircro / Havells.	Rupees One Hundreds Eighty Five Only					
		RM	100	125	-	-	12,500.00
1.17	Earth work excavation in all Sorts of soil, soft, hard/rocky and laterite etc up to an average of 400 mm wide and 600 mm deep cable trench for laying the supplied 4 C X 10 sq.mm Aluminium armoured cable. Work includes Cutting / removing & clearance of bushes, grass & all other unwanted plants / creepers, preparation of base, laying the cable in the excavated trench and refilling the trench using excavated available good quality Soil; leveling / dressing & hand ramming.	Rupees One Hundreds Twenty Five Only					
1.18	Providing of Glandring, Termination and Connection of cable :- Glandring, end termination and connection of the already laid aluminium / copper cable of required size - 4C X 10sq.mm aluminium armoured cable. Providing and fixing of suitable size brass double compression type glands as per requirement including						
		Nos	2	500	-	-	1,000.00

CoManas		Name of Work: Internal Electrification of CS Drum storage shed at WMCF Kaiga site 1&2. WO / SOQR Number : 102144		Agency Name : M/s. SHANMUKH ELECTRICAL WORKS			
Item No	Description	Unit	Quantity	Rate in ☐	Rebate in %	Rebated Rate	Amount in ☐
		Rate in Words					
1.19	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. Providing of maintenance free earthing stations as per technical specifications. The maintenance free earth pit station made out of 2 meter length, 80 mm 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 the items to complete the job in all respect is in contractors scope. And all as instructed by the engineer- in-charge.	Set	2	6500	-	-	13,000.00
		Rupees Six Thousand Five Hundreds Only					
1.20	Installation, testing and commissioning of above earth pit supplied against item no. 1.19 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	850	-	-	1,700.00
		Rupees Eight Hundreds Fifty Only					
1.21	Providing of GI Flat of size 25 X 3 mm, GI coating of 60-80 micron, Industrial grade, hot dip galvanised GI strip suitable for equipment earthing. (1 meter of GI flat weighs approximately 0.60 Kg). Hence 50 meter is around 30 Kg.	Meter	50	80	-	-	4,000.00
		Rupees Eighty Only					
1.22	Installation of spare supplied against Item No.1.21 of SOQR. 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 field / site requirement. The hardware, clamp & all required accessories / hardware are in scope of contractor. And all as instructed by the Engineer-in-charge.	RM	50	35	-	-	1,750.00
		Rupees Thirty Five 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. 5,16,866.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 5,16,866.00
Work Order Value After Overall Rebate in Words	Rupees Five Lakh Sixteen Thousand Eight Hundreds Sixty Six Only

Handwritten signatures and initials:
 [Signature]
 [Signature]
 Head (RCC) [Signature]
 [Signature]
 [Signature]

Handwritten notes:
 CE (E&S)
 Kaiga Site.
 9.5.25