



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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Website: www.npcil.nic.in



Ref: NPCIL/KAIGA/CTC/WO/2025/1171

Date: 10 - 07 - 2025.

Work Order

To:

M/s S.M.ERECTORS,
Kaigawada, Mallapur,
Karwar, Uttar Kannada,
Karnataka - 581400

Kind Atten: Shri Shambhu Sharan
Prasad.

Mobile No.: 9448996312

E-mail: smerectors24@gmail.com
smerectors1996@gmail.com

Work Order Fais No.	:	500094
S.L. Code	:	S0124500094
Account Code	:	14166
Charge Code	:	6353
MSME Category	:	NA
MSME Reg. No.	:	NA

WORK ORDER NO.: 2025_NPCIL_232410_1/81410.01/WO

Sub: Supply, Fabrication, Welding/Joining, Erection and Testing of HDPE Piping from KGS 3&4 to KAIGA 5&6 area.

Ref: 1) TENDER ID: 2025_NPCIL_232410_1

2) TENDER NO.: NPCIL/KAIGA-5&6/CTC/ PIPING/CPPP/2025/084

3) Last date of submission of tender is 01.05.2025.

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. 29,90,155.00 (Rupees Twenty Nine Lakhs, Ninety Thousand, One Hundred and Fifty 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, Coluba, 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. 2.01 & 2.08.

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 **183 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 Subhas N. Naik, SO/E (Piping), 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.

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10) SECURITY DEPOSIT:

Security Deposit shall be @ 10% of the contract value including GST will be ₹ 2,99,016/- (Rupees Two Lakh, Ninety Nine Thousand, Sixteen 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 ₹ 1,49,508/- (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 ₹ 1,49,508/- 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 S.M.ERECTORS** 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 S.M.ERECTORS**.

Kindly acknowledge receipt of this Work Order.

Thanking you,

WO No. 232410_1/81410.01/2025
08-07-2025
523 16/07/25

Yours faithfully
For and on behalf of NPCIL

R Kumar
08-07-2025

(RAJESH KUMAR)
PE (Conv. Piping), Kaiga-5&6

Encl: Schedule of quantities and rates.

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
Kaiga Generating Station
Schedule Of Quantities And Rates



Print Date: 07-Jul-2025

ColManas Name of Work: Supply, Fabrication, Welding/Joining, Erection and Testing of HDPE Piping from KGS 3&4 to KAIGA 5&6 area.
WO / SOQR Number : 500094 Agency Name : M/s S.M.ERECTORS

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
Schedule : Mechanical:NA							
1	Supply Items (Schedule-A)				-	-	-
1.01	100 NB EQUAL TEE SCH 40 ASTM A 234 Gr. WPB SML BW ANSI B 16.9	Nos.	1	815	-	-	815.00
			Rupees Eight Hundred Fifteen Only				
1.02	100 NB SORF FLANGE 150 # ASTM A 105 ANSI B 16.5	Nos.	8	845	-	-	6,760.00
			Rupees Eight Hundred Forty Five Only				
1.03	100 NB BLIND FLANGE 150 # ASTM A 105 ANSI B 16.5	Nos.	6	1765	-	-	10,590.00
			Rupees One Thousand Seven Hundred Sixty Five Only				
1.04	100 NB GATE VALVE MANUAL OP. FLANGE END 125/150 # SA 216 Gr. WCB ANSI B 16.34	Nos.	3	23505	-	-	70,515.00
			Rupees Twenty Three Thousand Five Hundred Five Only				
1.05	100 NB BALL VALVE MANUAL OP. FLANGE END 125 /150# HDPE, SUIT TO 100 NB,SA 105, 150 # ANSI B 16.5 BACK RING FLANGE	Nos.	7	17555	-	-	1,22,885.00
			Rupees Seventeen Thousand Five Hundred Fifty Five Only				
1.06	FLANGE END MECHANICAL TYPE FLOW TOTALIZER 150# (RANGE 150000 TO 200000 CU. MTR.CAPACITY) TO SUIT TO 100 NB SA 105 FLANGE 150 #, ANSI B 16.5. FLOW METER TOTALISER SPECIFICATION	Nos.	1	50655	-	-	50,655.00
			Rupees Fifty Thousand Six Hundred Fifty Five Only				
1.07	DN-110 HDPE PIPE IS 4984 Gr. PE 80 PN 6	Mtr.	1500	725	-	-	10,87,500.00
			Rupees Seven Hundred Twenty Five Only				
1.08	DN-110 HDPE 90 DEGREE ELBOW, IS 4984 Gr. PE 80 PN 6 AS PER IS 8008	Nos.	30	575	-	-	17,250.00
			Rupees Five Hundred Seventy Five Only				
1.09	DN-110 PIPE /STUB END, 1S 4984 Gr PE 80 PN 6 AS PER IS 8008.	Nos.	14	715	-	-	10,010.00

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
		Rupees Seven Hundreds Fifteen Only					
1.10	100 NB CS BACK RING FLANGE ASTM A 105 AS PER ANSI B 16.5 150#	Nos.	14	465	-	-	6,510.00
		Rupees Four Hundreds Sixty Five Only					
1.11	DN-110 HDPE EQUAL TEE, IS 4984 Gr. PE 80 PN 6, AS PER IS 8008	Nos.	5	675	-	-	3,375.00
		Rupees Six Hundreds Seventy Five Only					
1.12	DN-50 HDPE CAP, IS 4984 Gr. PE 80 PN 6, AS PER IS 8008.	Nos.	2	215	-	-	430.00
		Rupees Two Hundreds Fifteen Only					
1.13	HEXAGONAL HEADED BOLT, NUT WITH WASHER 85 MM LONG IS 1363 Gr. 6.3 /IS 3757 Gr. 8.8	Nos.	180	175	-	-	31,500.00
		Rupees One Hundreds Seventy Five Only					
1.14	ISMC 100 IS 2062 , E 250 Gr. A	MT	0.6	80050	-	-	48,030.00
		Rupees Eighty Thousand Fifty Only					
1.15	12 MM THICK PLATE IS 2062 , E 250 Gr. BR	MT	0.35	80050	-	-	28,017.50
		Rupees Eighty Thousand Fifty Only					
1.16	110 NB MS U CLAMP 25 MM WIDE x 3.5 MM THICK	Nos.	80	435	-	-	34,800.00
		Rupees Four Hundreds Thirty Five Only					
1.17	100 NB M 12 U BOLT IS 2062 E 250 Gr. A	Nos.	162	92	-	-	14,904.00
		Rupees Ninety Two Only					
1.18	M 10 x 100 HST/FAZ	Nos.	160	305	-	-	48,800.00
		Rupees Three Hundreds Five Only					
1.19	1.6 MM THK CAF GASKET 100 NB IS 2712 Gr. W/3	Nos.	26	155	-	-	4,030.00
		Rupees One Hundreds Fifty Five Only					
2	Erection item (Schedule-B)	Mtr.	1500	585	-	-	8,77,500.00
	Butt fusion Welding / joining and laying of DN- 110 HDPE Pipe, IS 4984, Grade PE 80, PN 6 both under ground and above ground.						

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2.01

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
		Rupees Five Hundreds Eighty Five Only					
2.02	Butt fusion Welding / joining and erection of DN-110 90 Degree Elbow, HDPE, IS 4984, Grade PE 80. PN 6 (Inclusive of Welding/fusion of both end)	Nos.	27	1455	-	-	39,285.00
		Rupees One Thousand Four Hundreds Fifty Five Only					
2.03	Butt fusion Welding / joining and erection of DN-110 HDPE Equal Tee, IS 4984, Grade PE 80. PN 6 (Inclusive of Welding/fusion of three end)	Nos.	5	2255	-	-	11,275.00
		Rupees Two Thousand Two Hundreds Fifty Five Only					
2.04	Butt fusion Welding / joining and erection of DN-110 HDPE Pipe end /Stub end IS 4984, Grade PE 80. PN 6	Nos.	12	825	-	-	9,900.00
		Rupees Eight Hundreds Twenty Five Only					
2.05	Butt fusion Welding/Joining and erection of DN-50 HDPE cap IS 4984 Grade PE-80 PN-6	Nos.	1	875	-	-	875.00
		Rupees Eight Hundreds Seventy Five Only					
2.06	Installation of 100 NB HDPE ball valve without welding.	Nos.	7	2115	-	-	14,805.00
		Rupees Two Thousand One Hundreds Fifteen Only					
2.07	Fabrication , Erection , welding , inspection, surface cleaning & supply and application of HB Chlorinated Rubber Zinc Phosphate Primer paint in two coats to minimum 100 micron DFT and supply and application of HB Chlorinated Rubber finish paint in two coats to 60 micron DFT for CS structural steel Support and Components.	MT	0.7	125655	-	-	87,958.50
		Rupees One Lakh Twenty Five Thousand Six Hundreds Fifty Five Only					
2.08	Installation of Anchores M10 x 100 mm HST/FAZ including handling, scaffolding, labour & tools.	Nos.	160	145	-	-	23,200.00
		Rupees One Hundreds Forty Five Only					
2.09	Removing & reinstallation of Precast Concrete Slab 0.3 m (L) x 1.350 m (W) x 0.1 m (T)	Nos.	78	455	-	-	35,490.00
		Rupees Four Hundreds Fifty Five Only					
2.10	Excavation and backfilling of excavated trenches with the soil after completion of installation of pipe lines and testing including levelling/grading, compaction to the required level 1.5 M (D)x 0.8 M (W)	CuM	480	485	-	-	2,32,800.00
		Rupees Four Hundreds Eighty Five Only					
2.11	Sand bedding 50 mm depth x 400 mm width for underground HDPE piping including supply of Sand.	CuM	10	875	-	-	8,750.00
		Rupees Eight Hundreds Seventy Five Only					
2.12	Dismantling of existing DN-50 HDPE piping including breaking of existing cement concrete (0.7 cub.mtr) & PCC to be done after breaking and removing of existing cement concrete, including tools, labour & disposing of unserviceable material as directed by EIC	Mtr.	125	315	-	-	39,375.00
		Rupees Three Hundreds Fifteen Only					

09/07/25

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.

9/2/05

08-07-2025
Kumar

Head (CTC), Kanga Lile

PE (conv. piping), Kanga - 546