न्यूक्लियर पॉवर कार्पोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited
(भारत सरकार का उद्यम Government of India Enterprise)
कैगा स्थल KAIGA SITE
CENTRALISED TENDER CELL कैद्रिय नीविदा प्रकोष्ठ
Corporate Identification No. U40104MH1987GOI149458

Phone:+91 8382 264002 Fax: +91 8382 264025
E-mail: sdileep@npcil.co.in Website: www.npcil.nic.in

Ref: NPCIL/KAIGA/CTC/WO/2025/1176 Date: 24-07-2025.

Work Order

To:

M/s Solar Sewage Basic Infrastructure Pvt.Ltd,
308, Heritage Plaza, Opp Gurukul,
Drivein Road, Ahmedabad,
Gujarat, 380052

Kind Atten: **Shri Indrajit Simlai.**
Mobile No.: **9824033409**
E-mail: info@ssbi.in

Work Order Fais No.	:	500096
S.L. Code	:	S0314500096
Account Code	:	14016
Charge Code	:	6353
MSME Category	:	NA
MSME Reg. No.	:	NA

WORK ORDER NO.: 2025_NPCIL_230596_1/82410.01/WO

Sub: Design, Engineering, Procurement, Supply, Erection, Testing, Commissioning and One Year Operation & Maintenance of Water Treatment Plant of 40,000 LPH capacity.

Ref: 1) **TENDER ID: 2025_NPCIL_230596_1**
2) **TENDER NO.: NPCIL/KAIGA-5&6/CTC/ PIPING/CPPP/2025/078**
3) Last date of submission of tender is 11.04.2025.

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. 6,46,55,368.00 (Rupees Six Crore Forty Six Lakhs, Fifty Five Thousand, Three Hundred and Sixty Eight 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 The item of SOQR AHR items - **Item no. 2.02 & 2.04** and ALR Items: **Nil**

SL. NO.	SCHEDULE / ITEM NO.	QUOTED RATE (IN Rs.)	NEGOTIATED RATE (IN Rs.)
1	Item No. **2.02**	187232.00	75000
2	Item No. **2.04**	129936.85	90000
3	Item No. **2.05**	842.54	533
4	Item No. **2.06**	561.70	401
5	Item No. **2.07**	46808.00	27310
6	Item No. **2.08**	65531.00	43507
7	Item No. **2.09**	1872.32	1157
8	Item No. **2.010**	2621.25	1711
9	Item No. **2.011**	8322.00	490
10	Item No. **2.012**	46808.00	809

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 **913 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.

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5.2 **Defect Liability Period:**

The Defect Liability Period as per Para 9.1.1 of Schedule-A of Tender is **12** Months from the date of operational acceptance of the system.

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 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).

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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.

10) **SECURITY DEPOSIT:**
Security Deposit shall be @ 10% of the contract value including GST will be **₹ 64,65,537/- (Rupees Sixty Four Lakh, Sixty Five Thousand, Five Hundred and Thirty Seven rupees 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 **₹ 32,32,768/-** (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 **₹ 32,32,769/-** 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.

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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 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.

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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 Solar Sewage Basic Infrastructure Pvt.Ltd** 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 Solar Sewage Basic Infrastructure Pvt.Ltd.**

Kindly acknowledge receipt of this Work Order.

Thanking you,

23.07.2025

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Yours faithfully
For and on behalf of NPCIL

23/7/2025

(DAMODAR V SHANBHAG)
ACE (RE), Kaiga-5&6

<u>Encl</u>: Schedule of quantities and rates.

CoManas **Name of Work: Design, Engineering, Procurement, Supply, Erection, Testing, Commissioning and One Year Operation & Maintenance of Water Treatment Plant of 40,000 LPH capacity.**

WO / SOQR Number : 500096

Agency Name : M/s Solar Sewage Basic Infrastructure Pvt.Ltd

Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
Schedule : Mechanical:NA							
1	.PART - A "Engineering, Procurement, Construction and Commissioning of Water Treatment Plant"				-	-	-
1.01	Design, Engineering, Manufacturing, Procurement, Supply, Transportation, Handling & Unloading of Pumps, Filters, Equipments/ Tanks, Valves & Accessories Of Water Treatment Plant At Kaiga site, Inspection, Fabrication, Erection, Installation, Testing, Commissioning And Warrantee of Water Treatment Plant to Supply Treated Water @ 40,000 Ltr./Hour. Capacity for Kaiga - 5&6 by drawing Raw Water from Main Sump & transporting Treated Water To Discharge Stop Valve of the Distribution Pumps Including all Civil Works With Material Supply Like Constructing Water Sumps, Pump House and Treated Water Storage Tank, Electrical Works with Material Supply, Control & Instrumentation with Material Supply and Mechanical Works With Material Supply Including Inter Connecting Piping Works Within Water Treatment Plant Complete in all Respect. Note: The Treated water shall be conforming to IS:10500 (latest edition)	Lumpsum	1	51440557	-	-	**5,14,40,557.00**
		Rupees Five Crore Fourteen Lakh Forty Thousand Five Hundreds Fifty Seven Only					
1.02	Providing and filling approved quality of red murrum from the borrow pits from a radius of 100 km approx. as approved by EIC up to plinth level in layers not exceeding 200 mm. thick, consolidation of each deposited layer using hand / steel rammer with proper watering up to lift of 1.50 meters, collecting & disposing the construction debris, surplus soil & unwanted materials from the place of work etc., complete all as per specification and as directed by the Engineer-in-charge at all locations and at all lifts.	CuM	4000	873	-	-	**34,92,000.00**
		Rupees Eight Hundreds Seventy Three Only					
2	.PART - B: "Piping Works"				-	-	-
2.01	Supply, Fabrication, Field Welding, Erection, painting of 100 NB, Sch. 40 CS Pipeline with fittings like elbows, including application of anticorrosion primer and tape, Hydraulic testing, labour, consumables, etc. at all lifts and locations as directed by Engineer In Charge and as per technical specifications. CS pipe shall be conforming to ASTM A106 Gr. B, Elbows shall be conforming to ASTM A 234 WPB. Note: Rate shall be inclusive of supply of Elbows, anticorrosion protection tape and compatible anticorrosive primer.	RM	300	3242.24	-	-	**9,72,672.00**
		Rupees Three Thousand Two Hundreds Forty Two and Twenty Four Paisa Only					
2.02	Supply of 100 NB, 150# CS Gate Valve flanged ends conforming to SA 216, GR WCB and compatible Flanges conforming to ANSI B16.5, ASTM A105 with High tensile Strength bolts at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications. Note: Rate shall be inclusive of Supply of flanges, bolts, washer, nuts.	No.	2	75000	-	-	**1,50,000.00**
		Rupees Seventy Five Thousand Only					
2.03	Supply, Fabrication, Field Welding, Erection of 150 NB, Sch. 40 CS Pipeline with fittings like elbows, TEE including application of anticorrosion primer and tape, Hydraulic testing, labour, consumables, etc. at all lifts and locations as directed by Engineer In Charge and as per technical specifications. CS pipe shall be conforming to ASTM A106 Gr. B, Elbows shall be conforming to ASTM A 234 WPB. Note: Rate shall be	RM	350	4947.36	-	-	**17,31,576.00**
		Rupees Four Thousand Nine Hundreds Forty Seven and Thirty Six Paisa Only					

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
	inclusive of supply of Elbows, TEE anticorrosion protection tape and compatible anticorrosive primer.						
2.04	Supply of 150 NB, 150# CS Gate Valve flanged ends conforming to SA 216, GR WCB and compatible Flanges conforming to ANSI B16.5, ASTM A105 with High tensile strength bolts at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications. Note: Rate shall be inclusive of Supply of flanges, bolts, washer, nuts.	No.	2	90000	-	-	1,80,000.00
		Rupees Ninety Thousand Only					
2.05	Earth work excavation for footing, pedestals, drains, canals, waste weir, draft, approach channels, key trenches, Pipe trenches, Pipe pedestals, etc. by Manual/ Mechanical means for all works & depth upto 2.0 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 appurtenaces required to complete the work .	CuM	700	533	-	-	3,73,100.00
		Rupees Five Hundreds Thirty Three Only					
2.06	Filling of available excavated soil for filling trenches, depressions, plinth, sides of foundations, etc. as directed by Engineer - in - charge.	CuM	700	401	-	-	2,80,700.00
		Rupees Four Hundreds One Only					
2.07	Supply of 100 mm Class B Woltman type Water Meter with totalizer at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	No.	1	27310	-	-	27,310.00
		Rupees Twenty Seven Thousand Three Hundreds Ten Only					
2.08	Supply of 150 mm Class B Woltman type Water Meter with totalizer at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	No.	1	43507	-	-	43,507.00
		Rupees Forty Three Thousand Five Hundreds Seven Only					
2.09	Supply of 100mm, 150 # CS SORF flange, ANSI B16.5, ASTM A105 at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	No.	6	1157	-	-	6,942.00
		Rupees One Thousand One Hundreds Fifty Seven Only					
2.10	Supply of 150mm, 150 # CS SORF flange, ANSI B16.5, ASTM A105 at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	No.	10	1711	-	-	17,110.00
		Rupees One Thousand Seven Hundreds Eleven Only					
2.11	Supply of M8 to M22 High strength bolts with washer, nut and lock nut suitable for above flanges, property class 8.8, IS 3757 at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	kg	45	490	-	-	22,050.00
		Rupees Four Hundreds Ninety Only					
2.12	Supply of 3mm thick CNAF Gasket for flanged joints at Kaiga – 5 & 6 site as directed by Engineer In Charge and as per technical specifications.	SqM	4	809	-	-	3,236.00
		Rupees Eight Hundreds Nine Only					
3	.PART - C: "Operation & Maintenance of the Water Treatment Plant after Commissioning of the same for a period of 12 months in 2 shifts of 8 hours each in a day"				-	-	-
	Maintenance of Civil, Mechanical & Electrical Works. Supply of Essential Spares & Consumables (Alum, Chlorine, Mineral dosing consumables, Grease, Cotton Waste, Rubber Packing, Hand Gloves, etc. & any other item which is required to complete the job), Water Quality Testing & Report Generation on daily basis,	Months	12	492884	-	-	59,14,608.00

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Item No	Description	Unit	Quantity	Rate in ₹	Rebate in %	Rebated Rate	Amount in ₹
		Rate in Words					
3.01	any other Stationery for lab. Deploying following personnel for O&M works of WTP per shift of 8hrs. : I) Supervisor Cum Lab Technician (1No. per Shift)-730 operation II) Operators (1 No. per shift)-730 operation III) Un-skilled Helpers (2 No. per shift)-1460 operation Note: 1 Operation = Utilization of services of respective Category Workers for 8 hours of Operation & Maintenance per shift.	Rupees Four Lakh Ninety Two Thousand Eight Hundreds Eighty Four Only					

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

Work Order Total	Rs. 6,46,55,368.00
Overall Rebate (%)	0
Work Order Value After Overall Rebate in Figure	Rs. 6,46,55,368.00
Work Order Value After Overall Rebate in Words	Rupees Six Crore Forty Six Lakh Fifty Five Thousand Three Hundreds Sixty Eight Only

वि. इरत. नागोजूरी
23/7/25

23.07.2025
मुख्य निर्माण
Head (CTC)

23/7/2025
ACE (RE), Kaiga - 546