



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड Nuclear Power Corporation of India Ltd.
(भारत सरकार का उद्यम A Government of India Enterprise)

कुडनकुलम न्यूक्लियर पावर प्रोजेक्ट Kudankulam Nuclear Power Project

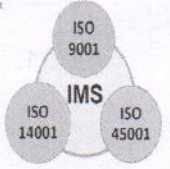
कुडनकुलम पोस्ट, राधापुरम तालुक, तिरुनेलवेली जिला, तमिलनाडु-627106

Kudankulam P.O., Radhapuram Taluk, Tirunelveli District, Tamil Nadu – 627 106

V.P WILSON, Chief Engineer (E&US)

☎ 04637- 282553/249801

ई-मेल E-mail: vpwilson@npcil.co.in



सं. No. एनपीसीआईएल NPCIL/केकेएनपीपी KKNPP/C&MM-WG/2025/एस S/ 644

July , 25th, 2025

To

M/s. Power Engineering Company,
365 B-10, Henry Complex,
Mathiyas Nagar,
KP Road, Nagercoil, Kanniyakumari District,
Pin :629001,
Cell: 9443109974,
E-Mail: powerengineering2@yahoo.co.in

Work Order No.	:	500240
Subledger Code	:	P10002
Account Code	:	14484
Charge Code	:	6385

Dear Sirs,

Subject : **“WORK ORDER” – reg.**

Name of work : Removal and Rerouting of existing 11 kV over head lines with erection and commissioning of additional 500kVA DG set

- Ref. 1. E-Tender No. : NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181
2. Our letter No. : NPCIL/KKNPP/C&MM-WG/2025/S/314, dated: 04.04.2025 (Calling for Negotiation reg.)
3. Our letter No. : NPCIL/KKNPP/C&MM-WG/2025/S/340, dated: 11.04.2025 (Minutes of Negotiation reg.)
4. Your letter No. : PEC/KKNPP/CTC/D/2025/35, dated: 11.04.2025 (Submission of rate analysis for AHR items reg.)
5. Our letter No. : NPCIL/KKNPP/C&MM-WG/2025/S/516, dated: 05.06.2025 (Requesting Bid validity extension upto 20.08.2025 reg.)
6. Your letter No. : PEC/KKNPP/CTC/D/2025/70, dated: 06.06.2025 (Acceptance of Bid Validity extension upto 20.08.2025 reg.)

Please refer to your above cited tender in response to e-TENDER NOTICE No: NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181 for the above work, Part-I and Part-II were opened on 20.01.2025 & 14.03.2025 respectively.

1. BID ACCEPTANCE:

This is to inform you that the tender submitted by you and modified in subsequent letters referred above has been accepted for and on behalf of Nuclear Power Corporation of India Limited, for the items of work shown in the schedule of quantities and rates covered by the tender for a total value of ₹ **1,40,53,050.00 (Rupee One Crore Forty Lakhs Fifty Three Thousand and Fifty only)** Inclusive of all applicable taxes including Goods and Services Tax (GST).

2. RATES:

The rates quoted by the contractor as given in Annexure- 'I' (Schedule of Quantities and rates) are for complete items of work including supply of all materials (unless otherwise specified), consumables, all temporary arrangements, all labours, all taxes (including GST) levies applicable from time to time and incidental charges as per terms, conditions and specifications mentioned in the tender document will remain firm until the entire period of contract.

2.1 EXECUTION OF ITEM BEYOND TENDERED QUANTITIES

Further during execution of the contract due to variation in quantities, if tender structure changes, you have agreed to give suitable discount to remain in L1 position as per Minutes of Negotiation meeting dated 11.04.2025.

3. EXECUTION OF WORK:

The work shall be carried out strictly in accordance with the terms and conditions and specifications, 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 equipments and other materials as are necessary for the satisfactory completion of this work.

4. CONTRACT PERIOD:

The work shall be completed in all respects within **06 Months (including monsoon period)** from the date of commencement including Sunday, Holidays and rainy season/days, if any. The date of commencement will be reckoned within 14 days from the date of work order. The time shall be essence of the contract and the work shall be completed as per approved programme of work.

5. CONTRACT PRICE ADJUSTMENT:

Contract Price Adjustment is not applicable as per clause No.11.3.3 of Schedule: A of General Conditions of Contract.

6. AUTHORISED OFFICIALS:

You are requested to submit the name of the authorized Representative who will deal with all matters relating to the contract with the power of Attorney in his favour, duly executed on stamped paper of an appropriate value shall be furnished to Engineer-in-charge.

7. LIABILITY FOR DAMAGE AND INSURANCE: (As per clause No.2, Part-I of Special Instructions in Section-III of tender)

You shall provide the following insurance policies in the joint names of the Corporation and the Contractor, insurance cover from the date of commencement of work to the end of the Defects Liability Period. You will be fully responsible for any loss, damage or destruction of NPCIL plant & machineries, property, persons etc., Policies submitted, should bear the Work Order (WO) number except Group Insurance for which WO number is not mandatory. You have to submit the copies of Insurance policies along with the original policy document to the Engineer-in-charge before the commencement of work.

7.1 Contractor's All Risk (CAR) Policy

You shall take Contractor's All Risk (CAR) Policy for the whole contract value i.e, **₹1,40,53,050.00** (including GST). The Insurance amount shall also cover Third Party Liability for 10% of the work order value i.e, **₹14,05,305.00**

7.2 Employees Compensation Policy:

You shall take the Employees Compensation Policy for employees who are engaged in this work.

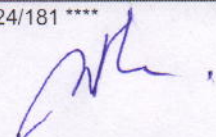
7.3 Group Insurance Policy:

In case the employees engaged on this work are already covered under the Group Insurance policy of the Contractor, same shall be acceptable in lieu of employee compensation policy. In such case the proof of employment shall be submitted.

8. TAXES

8.1 Income tax and statutory levy etc. if any, on this contract, as notified by Central/State Govt. from time to time shall be recovered from your running bills as well as final bill for this work in the prescribed manner. You are requested to submit copy of your GST No. & Permanent Account Number to Engineer-in-charge.

8.2 For GST related compliance (including TDS) refer Special Conditions of Contract (SCC) is attached in Section-IV of tender and clause no 11 of Section-I / NIT.



9. ENGINEER-IN-CHARGE:

Shri.K.Sreehari, Scientific Officer-F(Electrical Infra) will be the Engineer-in-charge for this work. You may make necessary arrangements for commencing the work immediately in consultation with Engineer-in-charge.

10. SECURITY DEPOSIT:

You may please note that security deposit will be **₹14,05,305.00** (@ 10% of the contract value). Initially you will have to submit a performance guarantee for **₹7,02,653.00** (50% of security deposit) within 30 days after issue of work order. The remaining amount of security deposit of **₹7,02,652.00** will be recovered from the RA bill/ final bill at the rate of 6% of each bill amount. Security deposit amount will not bear any interest. Refer clause No.2, page-3 & 4 of Section – II for full details of Security deposit and its release. Defect liability period is **12 months** from the certified date of completion of the contract as per Schedule: A Clause No.9.1.1 of General Conditions of Contract. Failure of furnishing the performance guarantee within 30 days as stated above shall constitute sufficient grounds for cancellation of the award of work.

11. APPLICABLE LAWS & ACTS:

You shall comply with various provisions of Contract Labour (Regulation & Abolition) Act 1970, and Rules framed there under from time to time. In case the Contract Labour Act does not apply to your organization the Contractor 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, Bonus Act, Gratuity Act and other Labour 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, NPCIL shall be entitled to recover the same from you from your bills.

12. LABOUR LICENSE :

If labour license is required to be obtained for the work as per the existing labour laws then the Principal Employer's Certificate required for obtaining Labour License for specified number of workmen proposed to be employed for the work and shall be issued on the request of the Contractor. A request for issue of Principal Employer's Certificate (Form – III) shall be submitted to the Engineer in charge of the work immediately after receipt of work order. You shall ensure the submission of labour license application within 07 days of issue of Form-III.



13. PAYMENT TERMS:

- 13.1 In respect of all items in the schedule of quantities and rates of Work order, the payments shall be made on submission of bills for the work along with the joint measurements, through monthly RA bills, as per General Conditions of Contract of tender & against submission of Tax invoice as applicable to you.
- 13.2 The first running account bill will be paid only after submission of the documents as mentioned in Clause No.15 (A) and 15 (B) of Special instructions in Section-III (Part-I) of tender.
- 13.3 Final bill will be paid only after submission of the documents as mentioned in clause No.15 (C) and 15 (D) of special instructions in Section-III (Part-I) of tender.

14. PENALTIES:

Penalties imposed by Engineer-in-charge for non-compliance of work will be recovered from bills of the contractor before release of payment as per clause No.19 of Section-III (Part-I) of tender.

15. All other terms and conditions not specifically brought out in this work order shall be governed as per Special Conditions of Contract, special instructions and General Conditions of Contract.

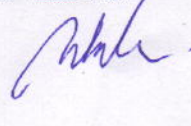
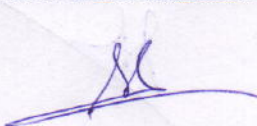
16. AGREEMENT:

You shall enter into contract and shall execute and sign the Contract agreement in accordance with the Articles of Agreement. You shall bring appropriate value Bond paper/ Stamp paper (top page)(as per applicable stamp duty Act at work location) at your own cost in the joint name of NPCIL and the Contractor, as mentioned in clause No.10, Part-I of Section-III of tender.

You are requested to attend the office for signing the agreement within 45 days from the date of issue of Work order. Till then a formal agreement document is executed, the original tender together with letters under reference and this Work order shall form the binding contract between us.

17. ACCEPTANCE OF WORK ORDER:

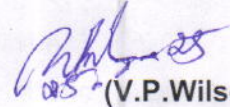
Please acknowledge by a letter, the receipt of this work order and the acceptance of the terms and conditions indicated in this contract immediately on issue of work order. Also as a token of acceptance, the Contractor is requested to sign the copy of this work order and send it along with the acceptance letter, to Engineer In-charge (C&MM-Works Group), C-Block,



Ground Floor, Kudankulam Nuclear Power Project, Kudankulam P.O, Radhapuram Taluk,
Tirunelveli District, Tamil Nadu and a copy to Engineer In-charge of this work.

Thanking you,

Yours faithfully,

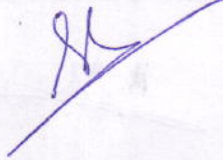


(V.P.Wilson)

Chief Engineer (E&US)

For and on behalf of
Nuclear Power Corporation of India Ltd

Encl: Schedule of Quantities and Rates – 'I'



NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)
Kudankulam Nuclear Power Project
Schedule Of Quantities And Rates

Annexure -1

Name of Work: Removal and Rerouting of existing 11 kV over head lines with erection and commissioning of additional 500kVA DG set WO / SOQR Number : 500240 Tender No.:NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181 Agency Name : M/s. Power Engineering Company						
Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
Schedule : E&I:NA						
1	Providing of HT UG cable of 3C x 300 Sq.mm, 11kV,XLPE insulated, aluminium conductor, armoured cable, insulation screened with extruded semiconductor compound in combination with copper tape (0.3kA for 1 sec), cores laid up, extruded PVC inner sheathing, GI flat wire armoured and overall extruded PVC sheathed cable conforming to IS 798 part - II with latest amendments and specifications.	RM	2500	1960	0.00	4,900,000.00
		Rupees One Thousand Nine Hundreds Sixty Only				
2	Providing, installation, testing and commissioning of 500KVA Diesel Generator set complete with all accessories like engine, alternator, batteries with leads, control panel, base frame, anti-vibration mounts, silencer, 1000 liters fuel tank, AMF panel with 415V, 4 poles, 1250 A Rating, 50KA for 1 sec, ACB with protective devices, current transformers with suitable ratio for metering and protection, earth fault relay, Supply and termination of DG power Cable Supply of 3.5 Core, 240sq.mm/(1100V grade AL-ARMOUR cable) with LT switchgear panel etc. other miscellaneous accessories for the total set including test trial run at load for 6 hrs. (Inclusive of consumable oil, diesel etc.) Control wiring, annunciation etc. The DG set shall be equipped with all electrical and mechanical protections.	No	1	6205000	0.00	6,205,000.00
		Rupees Sixty Two Lakh Five Thousand Only				
3	Providing and Installation of class NP2 Reinforced concrete, light-duty, non-pressure pipes (Hume pipe) having internal dia of 450mm with ±5mm tolerance, minimum barrel wall thickness of 35mm having ultimate load withstand capacity of 24.27KN/linear meter, of length minimum 2/2.5/3meter to be used in UG cable laying works near road crossing. The pipes supplied must conform to IS 458:2003.	RM	50	1250	0.00	62,500.00
		Rupees One Thousand Two Hundreds Fifty Only				
4	Providing and fixing HT cable route marker with 10 cm X 10 cm X 5 mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	Nos	100	550	0.00	55,000.00
		Rupees Five Hundreds Fifty Only				
5	Providing of Aluminium tag required of tagging of HT cable with the details of the cable to be engraved in Black colour in the tag and tying of the cable tag at every 3mtr intermittent locations where ever layed in Pipes, End terminations, trenches.	Nos	200	65	0.00	13,000.00
		Rupees Sixty Five Only				







Name of Work: Removal and Rerouting of existing 11 KV over head lines with erection and commissioning of additional 500kVA DG set
WO / SOQR Number : 500240 **Tender No.:NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181**
Agency Name : M/s. Power Engineering Company

Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
6	Providing and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories for end termination of HT power cable 11kV grade, XLPE insulated, semi conductor coated, PVC sheathed armoured aluminium 3C x 300 sq.mm as per IS 13573 with mechanical bolted lugs and co-extruded dual wall tubing compressing inner stress control layed and outer insulating non tracking layer, conductive breakout and tubing etc.	No	1	10750	0.00	10,750.00
		Rupees Ten Thousand Seven Hundreds Fifty Only				
7	Providing and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories for end termination of HT power cable 11kV grade, XLPE insulated, semi conductor coated, PVC sheathed armoured aluminium 3C x 300 sq.mm as per IS 13573 with mechanical bolted lugs and co-extruded dual wall tubing compressing inner stress control layed and outer insulating non tracking layer, conductive breakout and tubing etc.	No	1	12800	0.00	12,800.00
		Rupees Twelve Thousand Eight Hundreds Only				
8	Providing and installation of manufactured and tested metallic H-pole of dimensions depth of section 152mm and width of flange 152mm having weight of 37 kg/meter. Pole installation scope includes preparation of required excavation for foundation, installation of the pole in the pit with PCC of 1:2:4 and curing as shown in the drawing. The Mild Steel shall be conforming to IS: 2062-2011	Nos	2	100000	0.00	200,000.00
		Rupees One Lakh Only				
9	Providing and Installation of 400A off-load, double break, Triple Pole, Outdoor type, gang operated AB switch with earth switch, both inter locked - mechanically, including Porcelain insulators suitable for 11kV system. The construction of Each pole of Isolator consist of galvanized steel base, post type insulators of reputed make, moving and fix contacts, bearing type revolving base linkages for turn and twist operation, steel tubes and M.S. turned grippers are provided for coupling the phases as per specification and as directed by Engineer in charge.	No	1	45000	0.00	45,000.00
		Rupees Forty Five Thousand Only				
10	Providing and erection of galvanized stay set for 11 KV over head lines complete with 19/ 20 mm dia X 1.8 meters long stay rod, anchor plate of size 45 cm X 45 cm X 7.5 mm thick, thimble, stay clamps, turn buckle (20 mm X 600 mm), 7/ 4.00 mm dia G.I. stay wire and 11 KV strain insulator etc in cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.	Nos	4	3600	0.00	14,400.00
		Rupees Three Thousand Six Hundreds Only				
11	Providing and erection of three piece non linear type Lightning arrestor suitable for 3 wire 11V overhead lines with rated voltage 9kV RMS with nominal discharge current rating of 5kA and complete with galvanized clamping arrangement, G.I. bolts , nuts, washer etc. as required.	set	8	1900	0.00	15,200.00
		Rupees One Thousand Nine Hundreds Only				
12	Providing and laying 25 mm X 5 mm copper strip at 0.50 meter below ground and connection to earth pit, as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required.(jointing shall be done by overlapping with 2 sets of brass nut bolt & spring washer spaced at 50mm.	RM	20	1010	0.00	20,200.00
		Rupees One Thousand Ten Only				

Name of Work: Removal and Rerouting of existing 11 kV over head lines with erection and commissioning of additional 500kVA DG set
WO / SOQR Number : 500240 **Tender No.:NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181**
Agency Name : M/s. Power Engineering Company

Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
13	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with charcoal/ coke and salt) as required.	Nos	7	8100	0.00	56,700.00
		Rupees Eight Thousand One Hundreds Only				
14	Dismantling of existing 11kV 3 phase overhead line dog conductors, roll in an empty drum. Rate shall be for 3 runs of Aluminium conductor's together.	RM	1000	110	0.00	110,000.00
		Rupees One Hundreds Ten Only				
15	Dismantling of existing of 11kV Over head line poles and fittings/structures completely with all accessories and handing over to NPCIL Sub- station.	set	14	3500	0.00	49,000.00
		Rupees Three Thousand Five Hundreds Only				
16	Removing of existing UG, HT cable of 11kV grade by excavation from the ground, roll in an empty cable drum and handing over to NPCIL Sub- station.	RM	1500	60	0.00	90,000.00
		Rupees Sixty Only				
17	Providing and fixing of chain link fencing to MS angle post using PVS coated GI wire chain link fencing 50x50x9 G as per IS 2721 using GI wire with 6mm dia MS rods tied vertically on posts including providing PVC coated 4mm dia GI wire horizontally at top and bottom, 6mm dia MS rods tied vertically on posts using GI binding wire etc. complete as drawing and specifications.	sq.m	100	450	0.00	45,000.00
		Rupees Four Hundreds Fifty Only				
18	Casting of Fencing pedestal: providing and casting of RCC pedestal with dimension of (0.4x0.4x0.6 mtr) by making required excavation at required dept in all kinds of soil. Providing and fabrication of RCC steel bars (12mm four no's and 8mm three no's), cement, gravel, sand etc, concreting in grade of M20, shuttering arrangements and all other accessories required to complete the casting of pedestal as per technical specifications.	set	1	24000	0.00	24,000.00
		Rupees Twenty Four Thousand Only				
19	Providing and installation of fabricated MS steel structures required for this works as per technical specifications and IS standards.	Kg	100	280	0.00	28,000.00
		Rupees Two Hundreds Eighty Only				
20	Providing and using of (HYDRA /CRANE) 14 TON capacity for H pole erection, shifting and movement of metallic poles, cable drums, and for other activities as directed by NPCIL Engineer in charge.	Per Day	12	12000	0.00	144,000.00
		Rupees Twelve Thousand Only				
21	Providing and using JCB for bush clearance, excavation leveling dozing the undulated areas mechanically and the rate inclusive of lubricants fuel and operator and hire charges of machinery including disposing of debris for cable laying and removing the metallic H-pole of 11kV overhead line work, and for other activities as directed by NPCIL Engineer in charge.	Hrs	160	1250	0.00	200,000.00
		Rupees One Thousand Two Hundreds Fifty Only				

[Signature]

Name of Work: Removal and Rerouting of existing 11 KV over head lines with erection and commissioning of additional 500kVA DG set
WO / SOQR Number : 500240 **Tender No.:NPCIL/KK-5&6/ELECTRICAL-INFRA/PT/2024/181**
Agency Name : M/s. Power Engineering Company

Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
		Rate in Words				
22	Providing and using of 40 feet long goods carrier vehicle for shifting of materials such as Over head line conductors, metallic H poles and accessories of 11KV over head Line network , HT cables rolled in drums, and deposit them at the custody of NPCIL as directed by Engineer In Charge.	Per Day	5	14500	0.00	72,500.00
		Rupees Fourteen Thousand Five Hundreds Only				
23	Preparation of existing room by dismantling all equipments, pipe lines and foundation base/footing. The room's floor surface area shall be made suitable for erection of 500KVA Diesel Generator.	Cu.m	25	1500	0.00	37,500.00
		Rupees One Thousand Five Hundreds Only				
24	Laying of PVC insulated and PVC sheathed / XLPE power cable of 3Cx 300 sq.mm, 11 KV grade directly buried in ground. The work includes excavation, sand cushioning and refilling etc as required.	RM	2000	500	0.00	1,000,000.00
		Rupees Five Hundreds Only				
25	Providing and installation of protective precast RCC cable cover of length 1000mm, width 180mm, thickness 45mm, peak thickness 65mm and refilling the trench etc as required ,HT caution notice shall be marked on the cable cover.	Nos	2000	290	0.00	580,000.00
		Rupees Two Hundreds Ninety Only				
26	Excavation work near road crossing by horizontal directional drilling (HDD) method of installation, also commonly referred to as directional boring or guided horizontal boring. The work includes drilling a hole of 500mm/20 inch dia at a depth not less than 1meter near road crossing. This work shall include all services, equipment, materials, and labour.	RM	50	1250	0.00	62,500.00
		Rupees One Thousand Two Hundreds Fifty Only				

[Signature]

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	₹14053050
Overall Rebate (%)	0
Work Order Value After Overall Rebate (in Figure)	₹14053050
Final Work Order Value (in Figure)	₹14053050
Final Work Order Value (in words)	Rupees One Crore Forty Lakh Fifty Three Thousand Fifty Only



Cc: **Distribution:** (Through E-mail)

- | | | |
|-----|------------------------|--|
| 1. | Site Director | - For kind information |
| 2. | Station Director (1&2) | - -do- |
| 3. | CE (E&US) | - With Schedule of Quantities & Rates |
| 4. | Head(C&MM) | With Schedule of Quantities & Rates |
| 5. | Head(C&MM-Works Group) | With Schedule of Quantities & Rates |
| 6. | AGM(F&A) | - With Schedule of Quantities & Rates, Approval for Award of work, copy of vetted work order, CST, Admin approval & Technical Sanction |
| 7. | Engineer-in-charge | - With Schedule of Quantities & Rates, Approval for Award of work & CST |
| 8. | Head (HR) | - |
| 9. | Head (IS&F -1&2) | - with Schedule-A |
| 10. | Commandant, CISF | |
| 11. | Tender File | |
| 12. | Work order File | |

Signature Not Verified

Digitally signed by RAJESH KUMAR
GANGADHARAN PILLAI

Date: 2025.08.05 18:49:48 IST

Location: eProcurement System for Central
PSUs