



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
NUCLEAR POWER CORPORATION OF INDIA LTD.
एन.पी.सी.आई.एल. मुख्यालय, मुंबई NPCIL HQ, Mumbai
संविदा एवं सामग्री प्रबंधन निदेशालय
Directorate of Contracts & Materials Management

No.: NPCIL/HQ/CMM-WG/91/2025/PT/201

Dated: 14/11/2025

PAN	:	AABFV1408N
GST Reg.	:	27AABFV1408N1Z1
Bank A/c.	:	0108261705065 (OCC)
IFSC	:	CNRB0000108
Bank	:	CANARA BANK
Email	:	mahavir@vemc.co.in
MSE Type	:	medium
Udyam Reg.No	:	UDYAM-MH-19-0052644

To,
Ms Vijay Engineering and machinery Company
9, GROUND FLOOR, BOMBAY MUTUAL
ANNEX BLDG., CASWAJI PATEL
STREET, FORT, MUMBAI - 400 001

W. O. No	:	NPCIL/HQ/CMM-WG/91/2025/PT/201WO-200961 Dated-19/09/2025
Name of Work	:	Design, Supply, Installation, Testing, Commissioning and post commissioning operation & comprehensive maintenance of Grid Connected Roof Top Solar Photovoltaic system of 495 kWp capacity (Approx.) among NUB building, Mayur Guest House, Rajhans guest house of Anushaktinagar , CMM Building at T V Store Mumbai-94.

Tender No.	:	NPCIL/HQ/CMM-WG/91/2025/PT/201
Tender ID	:	2025_NPCIL_232416_1

- Ref.: -
- Tender Document No.: NPCIL/HQ/CMM-WG/91/2025/PT/201
 - Your Technical & Financial Bid submitted in Central Public Procurement Portal against above NIT
 - VEMC/NPCIL/25-26/071 BID validity extension letter by bidder
 - E-mail dated 31/10/2025

NPCIL/HQ/CMM-WG/91/2025/PT/201WO-200961
Dated-19/09/2025

Dear Sir,

1. Reference to above work for which the online public tender was opened. Your tender for the above work has been accepted by the competent authority on behalf of NPCIL, Mumbai at the total amount of **Rs. 30066897 /- (Rupees Three Crore Sixty Six Thousand Eight Hundred Ninety Seven Only)** including GST. This cost is inclusive of GST and all other applicable statutory taxes.

If tender structure changes during the currency of contractor, the contractor will provide suitable rebate to remain L1 Bidder.

(Attached S.O.Q.R as ANNEXURE-A (Schedule 1 and Schedule 2)).

Schedule 1: GST applicable on each item shall be 5% on supply value of 70% of the item rate and 18% on service value of 30% of the item rate.

Schedule 2 GST applicable is 18% on the item rate.

(Attached AHR ITEM LIST as ANNEXURE-B).

Bidder has agreed to execute all the 19 AHR item beyond tender quantity at Departmental rate.

- GST will be paid on submission of necessary invoice as per GSTN rule. And it shall be shown separately in your invoice with HSN/SAC no. Also, you have to furnish GST declaration form along with each RA bill.
- “The payment of the taxes shall be as per prevailing rates of GST as applicable against the bills/invoices submitted duly incorporating/permitting the changes in rates in taxes and duties in view of the new GST law*, which came in to effect from 01/07/2017. However, in case you have availed ITC or later on avail the same subsequently against the GST (claimed or have been paid now, whichever is used for availing ITC) with respect to these bills/invoices, you are liable to pass on the corresponding additional benefit on this account to the purchaser and should therefore be passed on as and when availed”

“New GST law here means CGST, IGST acts of the Central Government and the relevant SGST/UTGST act of the State government/Union territories as applicable”

The Contractor shall submit a declaration as per format attached while presenting invoices for payment.

Date of commencement of the work will be reckoned from **10 days from the work order date**. You are requested to complete the entire work within the period of **300 calendar days** (including monsoon period). The time shall be essence of the contract and the work shall be completed as per approved programme of work.

2. **Shri Vivek Kumar, SO/D(EMG)** will be Engineer-in-charge of the work. You are requested to meet him/ her regarding further instructions and making necessary arrangements to start the work.

3. The rates quoted by you are for complete items of work, including materials, consumable, temporary arrangements, labour, testing of materials, incidental charges etc. as mentioned in the tender document.
4. (a) The work will be carried out by you, strictly in accordance with terms and conditions specified in the tender, technical specifications (Section –V) and other correspondences mentioned under reference above in the best workman like manner.
(b) The material required for completion of work shall be of best quality, make, grade, conforming to relevant Indian Standard Specifications (latest edition), wherever applicable and as approved by Engineer-in-Charge.
5. You should observe all security rules enforced or as modified from time to time by Nuclear Power Corporation of India Limited for regular entry and exit for the workmen and also for the materials and equipment.
6. You may please note that the service has to be provided in close co-ordination with various officers / employees of NPCIL.
7. You are requested to ensure that your authorized qualified persons (as laid down in the tender document) are always available as and when required during the contract period.
8. (a) All conditions mentioned in tender along with Special Conditions, General Conditions, Technical Specification etc i.e. (Section III, IV & V) of the contract, will be applicable.
(b) Penalty will be charged as shown in Schedule A and Section III in addition to already indicated vide general conditions of contract i.e. Section IV.

9. Security Deposit shall be **10%** of the contract value and will be equally split in two parts viz. performance guarantee and retention money (50% of security deposit each).

You may please note that security Deposit will be **₹3,006,690 /-** (10% of Contract value). Initially you will have to submit a performance Guarantee for **₹1,503,345/-** in the form of bank guarantee or FDR within 30 days after issue of work order and remaining SD as retention money of **₹1,503,345/-** will be recovered from the RA Bill/Final Bill @ 6% of each bill amount. Security deposit amount will not bear any interest.

Bank/Performance guarantee submitted by contractor is subject to verification by NPCIL directly through issuing bank.

Defect liability period for this work will be considered as **12 (Twelve) months (i.e.365 Days)** from the date of completion of work.

Performance Bank Guarantee to be submitted through NeSL portal, details are as following,

NO.	Description	Details
1	Beneficiary PAN	AAACN3154F
2	Beneficiary NAME	Nuclear Power, Corporation of India Limited
3	Date of Incorporation	03/09/1987
4	Beneficiary Email ID*	monicameghani@npcil.co.in
5	Contact number*	02225991807
6	Legal Constitution of the party	Company
7	Registered office address	16th Floor, World Trade Centre-1, Cuffe Parade, Colaba, Mumbai
8	Registered office address Pin code	400005
9	Communication address*	NPCIL ,HQ mumbai
10	Communication address Pin code*	400094
11	IFSC Code of Bank	SBIN0010717

10. You are requested to intimate the maximum No. of workers proposed to be employed for this work immediately. Principal Employer's Certificate for obtaining labour license based on the maximum number of workers you propose to employ for this work shall be issued. You may note that you will have to apply to the Assistant Labour Commissioner for a labour license for the maximum number of workers you had indicated to engage on the work within one week from date of commencement of work. A copy of application will have to be furnished to the Engineer-in-charge of the work.
11. The Contractor shall comply with the provisions of The Payment of Wages Act, 1936, The Minimum Wages Act, 1948, The Employer's Liability Act, 1938, The Workmen's Compensation Act, 1923, The Industrial Disputes Act, 1947, The Maternity Benefit Act, 1961, The Mines Act, 1952, The Contract labour (Regulation & Abolition) Act, 1970, or any modifications thereof or any other law relating thereto and rules framed there under from time to time.
12. The Contractor shall pay to labour employed by him, wages in accordance with the rules, regulations, Contract Conditions as per relevant clause of Section-III.
13. You may please note that Manager (F&A), NPCIL, VSB 8th Floor, North Wing, Anushaktinagar, Mumbai 4000094 will be the paying authority for this Work Order.

14. You may please note that time will be essence of the contract, failing which a compensation for delay will be imposed as per the clause No. 7.7 of General Conditions of Contract. i.e., Section-IV.

15. Income Tax, GST/TDS and other Taxes as applicable will be deducted at source from your running account bill / final bill as per rates prescribed by the Government from time to time.

16. The Contractor shall provide the following:

- a) ESIC policy or WC policy as applicable as per Schedule A.
- b) Third Party Liability Policy as per Schedule A.
- c) CAR policy for the whole contract value as per Schedule A.
- d) Copy of EPF, PAN, GST Registration no.
- e) GST Declaration form with HSN Code with each invoice.
- f) W.O. acceptance copy.
- g) Labour Licence, if applicable.

17. You will have to submit following documents:

A) Before commencement of work:

The Contractor shall submit following documents to Engineer-in- Charge before commencements of work.

- a. Work order / LOI / Contract Order / Sanction Order acceptance letter.
- b. Application for issue of Principal Employer's Certificate (Form-III) for getting a Labour license, if applicable.
- c. For the Contracts covered under BOCW Act and BOCW Cess Act, the contractor must get themselves registered under the Act. The copy of registration along with the Challan of Cess paid shall be submitted to Engineer-in- Charge.
- d. Original Insurance Policies along with premium receipts
 - i. Contractor's All Risk Insurance policy for the whole contract value (Including GST) including insurance for Third Party Liability for 10% of the contract value as per the applicability.
 - ii. ESI document indicating the names of persons covered under the ESI scheme OR Workmen Compensation Policy OR both as per the applicability.
- e. Performance guarantee as per clause 4.2.3 of General Conditions of Contract.

B) For payment of the RA Bill,

The contractor shall submit the following documents along with first RA bill to EIC.

- a. Labour license wherever applicable (along with first RA Bill only).
- b. GST registration Copy as per GST Act (along with first RA Bill only).
- c. Declaration form for GST (Annexure-H of NIT).
- d. Proof of previous month GST remittance.
- e. Copy of registration of EPF for firm along with the Universal EPFO account number (UAN) of all the employees, which shall be linked to KYC details such as Aadhaar number, Mobile number and bank account number (along with first RA Bill only).
- f. Partnership deed of firm in case of partnership firm or power of attorney of the representative in case of company (along with first RA Bill only).
- g. Bank account details of the contractor for payment (along with first RA Bill only).
- h. Copy of PAN card (along with first RA Bill only).
- i. Record of uniform distribution duly signed by the Contractor and each of his workers. Performa is enclosed as Annexure-D
- j. Copy of wage register witnessed by NPCIL representative for the bill period and bank transfer details.
- k. Monthly wage certificate issued by HR.
- l. Documentary proof of previous month EPF deposition showing statement for each UAN.
- m. Copy of ESIC registration details.
- n. Tax invoice/e-invoice or undertaking of e-invoice in triplicate.
- o. Documentary proof of previous month ESI deposition including employee wise details of remittance, if applicable.
- p. Proof of previous month BOCW Cess remittance if applicable.
- q. Signed Annexure - F for Pradhan Mantri Rojgar Protsahan Yojana (PMRPY) Scheme undertaking if applicable (along with first RA Bill).
- r. Tax Invoice / E-invoice (in case turnover of the party has exceeded Rs.5 crore in any of the previous 3 consecutive financial years i.e., 2022-23, 2023-24, 2024-25, an undertaking need to be given stating not exceeded the prescribed limit for E-invoice).
- s. GST declaration and GST challan of previous bill period (to be submitted from second R.A. bill).
- t. Bill in COMANAS is mandatory.

- u. Any other documents/clarification as required by paying authority.
- v. Professional tax registration number if applicable.

C) For payment of the Final Bill:

The following documents shall be submitted in addition to those required for RA bills:

- a. No claim declaration by the Contractor
- b. Indemnification by the Contractor regarding compliance of EPF & MP Act, 1952
- c. No dues certificates if any.
- d. Signed Annexure- F for PMRPY Scheme undertaking if applicable
- e. Indemnification by the Contractor regarding compliance of BOCW Act, 1996, if applicable.
- f. Any other relevant document required by F&A, NPCIL.

D) Compliances by the bidders on statutory requirement:

a. RA Bill / Final Bill:

The Contractor will be continuously monitored and Running Account Bills/ Final Bill of the Contractor will be withheld if they fail to comply with statutory provisions as mentioned in the General Conditions of Contract or any other contract document.

b. Release of PBG / SD:

Release of PBG & SD will be after the satisfactory completion of the Contract including all statutory compliances as certified by the Engineer-in-Charge.

18. You are requested to submit the partnership deed, if any, on a judicial stamp paper and inform the name of your authorized representative who will deal with all the matters regarding the material and work.

19. The agreement will be executed between you and NPCIL before release of 1st RA Bill as per relevant clause of section- III of tender document, till the agreement is executed, your tender and this work order along with your all correspondences will form a binding contract between you and Nuclear Power Corporation of India Limited.

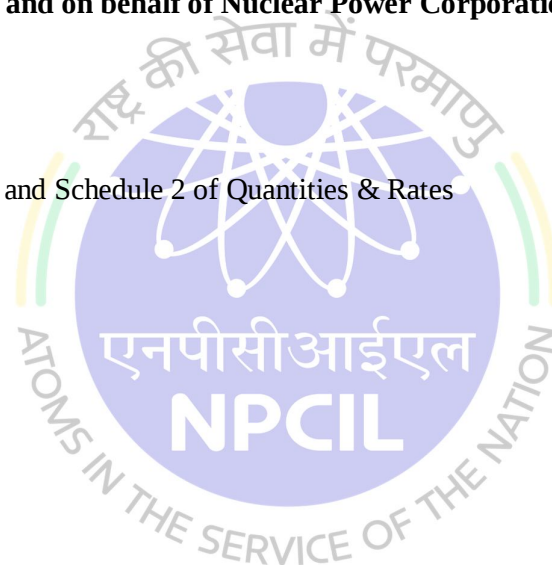
20. You are requested to inform the name of the authorized representative who will deal with all matters relating to the contract and the power of attorney in his favour duly executed on stamped paper of an appropriate value shall be furnished.
21. All other terms & conditions not specifically brought out in this work order shall be governed as per tender document.
22. Please acknowledge the receipt of this work order and accept the contents of work order immediately.

For and on behalf of Nuclear Power Corporation of India Limited

Enclosed:

Annexure – A – Schedule 1 and Schedule 2 of Quantities & Rates

Annexure-B- AHR Item list



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Declaration Form for GST

The Supplier/Contractor while submitting their bill to the Paying Authority shall furnish the following Certificates: Certified that: (Please Tick all appropriate boxes)

- ☐ (a) Additional Input Tax Credit under GST availed against invoices submitted here under is Rs. _____.
- ☐ (b) Certified that the goods and services on which GST has been charged are not exempted under the GST Act or the rules made there under and the amount charged on account of GST on these goods and services are not more than what is payable under the relevant act or the rules there under.
- ☐ (c) Certified that we have taken into account all input tax credits available under GST and have not loaded the same in the basic price while furnishing their bids.
- ☐ (d) Certified that in respect of amount of taxes claimed in the bill no claim is pending for refund/or is admissible for refund from any other agency and /or no other tax credit is available in respect of the same. In the event of getting refund in whole or in part of the element of GST claimed from Government, the same shall be passed on the benefit to the Purchaser by remitting the amount equivalent to the amount of refund obtained.
- ☐ (e) Certified that the GST charged herein the invoices has been/ shall be deposited within the due date and the Invoice details have been / shall be populated in GSTR1/ANX-1 of the GSTN portal facilitating Input Tax Credit to the Purchaser.
- ☐ (f) Certified that we have complied with the Anti-profiteering measure provisions under CGST/ SGST/UTGST Acts and passed on commensurate reduction of price to the purchaser.
- ☐ (g) Certified that a quarterly statement shall be submitted to NPCIL confirming the payment of GST invoiced on NPCIL along with copy of GST paid Challan.
- ☐ (h) Certified that in case of any change in the Invoice which has been accepted by the Purchaser in the IMS portal the corresponding amendment in the Original Invoice shall be made by the Supplier/Contractor by raising Debit Note/Credit Note or any other document, as applicable within the timelines stipulated under the GST Act.

Declaration Form for TDS

The Supplier/Contractor while submitting their bill to the Paying Authority shall furnish the following certificates: Certified that: (Please Tick all appropriate boxes):

- ☐ (a) Whether Provisions of Section 194Q are applicable (**For Supply of Goods worth 50 Lakhs p.a**): YES/NO

- ☐ (b) We have filed the return of income for the previous 2 years (AY _____ & AY _____) preceding the year in which tax is liable to be deducted, within the prescribed time limit and hence, confirm that applicable rate of TDS is at Normal Rate (0.1% as on date)
- ☐ (c) We have linked the PAN to Aadhar and the PAN is not inoperative (applicable in case of Individuals)

Incomplete information against point (a), (b) & (c) above under Declaration form for TDS, shall be subject to deduction of tax at higher rate as applicable (5% as on date)

Signature of Contractor or their Authorized Representative with company seal.



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ANNEXURE-A

Schedule of Quantities and Rates

Name of Work	:	Design, Supply, Installation, Testing, Commissioning and post commissioning operation & comprehensive maintenance of Grid Connected Roof Top Solar Photovoltaic system of 495 kWp capacity (Approx.) among NUB building, Mayur Guest House, Rajhansh guest house of Anushaktinagar , CMM Building at T V Store Mumbai-94.
Tender No.	:	NPCIL/HQ/CMM-WG/91/2025/PT/201
Work Order No.	:	NPCIL/HQ/CMM-WG/91/2025/PT/201WO-200961 Dated-19/09/2025

Item No.	Description of Item	Unit	Qty.	Quoted rate without GST(Considering 70% supply & 30% services)	@ 5% GST on Supply portion (a)	18% GST on service portion (b)	Total item rate (a+b)	Amount including GST
Schedule 1								
1	Solar PV plant system for NUB building							
	Design, Supply, installation, testing and commissioning of Solar PV system comprising	Per kWp	370	27104.57	948.66	1463.65	29516.88	10921245.6

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each of Monofacial Half cut Mono PERC Solar PV Modules (having rating of atleast 540Wp at STC), connected in series to form strings and various strings connected in parallel (if required) to form a array to generate DC power, complete with suitable size solar inverter having built in MPPT's, all interconnecting solar copper DC cables (min. 4 sq.mm) with suitable MC4 connectors (Module to Module , Upto array junction box and Inverter) in suitable size of HDPE pipe & accessories, seperate IP65 ABS/PC array junction box having suitable 1000V DC fuse & DC switch-disconnector per string & 1000V, 40kA Imax SPD's per MPPT , including providing suitable size armoured copper conductor cable between inverter and AC DB panel , termination with suitable glands and lugs etc., complete in all respects as per the detailed technical specification & instructions of EIC.							
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	Designing of the solar PV system on PV.SYST or Equivalent software along with STAAD analysis of solar PV structure , Array Layout Drawings, SLD's of system etc. The same shall be submitted to the department for approvals. Supply, installation, testing & commissioing of plumbing system for cleaning of solar PV modules including laying of uPVC pipes & associated materials on existing PCC blocks using 4-5mm thick GI saddle & 2 mm thick GI spacers, interconnection with existing water pump / water tank with necessary accesories. Providing suitable number of lightning arresters having air terminals with self standing tripods as required & as per design including interconnection with conducting strip. Liaisoning with the DISCOM for Net Metering at all locations. Installation arrangements for Net meters & Check meters as							
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	communicated by DISCOM .							
2	Solar PV plant system for Mayur Guest House building							
	Design, Supply, installation, testing and commissioning of Solar PV system comprising each of Monofacial Half cut Mono PERC Solar PV Modules (having rating of atleast 540Wp at STC), connected in series to form strings and various strings connected in parallel (if required) to form a array to generate DC power, complete with suitable size solar inverter having built in MPPT's, all interconnecting solar copper DC cables (min. 4 sq.mm) with suitable MC4 connectors (Module to Module , Upto array junction box and Inverter) in suitable size of HDPE pipe & accessories, seperate IP65 ABS/PC array junction box having suitable 1000V DC fuse & DC switch-disconnector per string & 1000V, 40kA Imax SPD's per MPPT , inlcuding providing	Per kWp	44	27104.57	948.66	1463.65	29516.88	1298742.72

	suitable size armoured copper conductor cable between inverter and AC DB panel , termination with suitable glands and lugs etc., complete in all respects as per the detailed technical specification & instructions of EIC. Designing of the solar PV system on PV.SYST or Equivalent software along with STAAD analysis of solar PV structure , Array Layout Drawings, SLD's of system etc. The same shall be submitted to the department for approvals. Supply, installation, testing & commissioing of plumbing system for cleaning of solar PV modules including laying of uPVC pipes & associated materials on existing PCC blocks using 4-5mm thick GI saddle & 2 mm thick GI spacers, interconnection with existing water pump / water tank with necessary accesories. Providing suitable number of lightning arresters having air terminals with self standing tripods as required & as per							
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	design including interconnection with conducting strip. Liaisoning with the DISCOM for Net Metering at all locations. Installation arrangements for Net meters & Check meters as communicated by DISCOM							
3	Solar PV plant system for Rajhnash Guest House building							
	Design, Supply, installation, testing and commissioning of Solar PV system comprising each of Monofacial Half cut Mono PERC Solar PV Modules (having rating of atleast 540Wp at STC), connected in series to form strings and various strings connected in parallel (if required) to form a array to generate DC power, complete with suitable size solar inverter having built in MPPT's, all interconnecting solar copper DC cables (min. 4 sq.mm) with suitable MC4 connectors (Module to Module , Upto	Per kWp	17	27104.57	948.66	1463.65	29516.88	501786.96

	array junction box and Inverter) in suitable size of HDPE pipe & accessories, seperate IP65 ABS/PC array junction box having suitable 1000V DC fuse & DC switch-disconnector per string & 1000V, 40kA I_{max} SPD's per MPPT , inlcuding providing suitable size armoured copper conductor cable between inverter and AC DB panel , termination with suitable glands and lugs etc., complete in all respects as per the detailed technical specification & instructions of EIC. Designing of the solar PV system on PV.SYST or Equivalent software along with STAAD analysis of solar PV structure , Array Layout Drawings, SLD's of system etc. The same shall be submitted to the department for approvals. Supply, installation, testing & commissioing of plumbing system for cleaning of solar PV modules including laying of uPVC pipes & associated materials on existing PCC							
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	blocks using 4-5mm thick GI saddle & 2 mm thick GI spacers, interconnection with existing water pump / water tank with necessary accessories. Providing suitable number of lightning arresters having air terminals with self standing tripods as required & as per design including interconnection with conducting strip. Liaisoning with the DISCOM for Net Metering at all locations. Installation arrangements for Net meters & Check meters as communicated by DISCOM.							
4	PV Module mounting structure items:							
4.1	Design, Fabrication, Supply, installation, testing and commissioning of completely modular, dead weight type of mounting structure along with trays on rooftops for mounting of PV panels , fabricated with hot dip galvanised MS channel and angles of different sizes for module mounting / fixing ,	Kg	48000	155.63	5.45	8.4	169.48	8135040

	complete in all respects as per tender specification & as instructed by EIC.							
4.2	Supply, installation, testing and commissioning of Stainless steel (SS304) Bolts & Nuts of appropriate sizes with spring type washers for interconnection of all GI channels / angles to form the mounting structure & also for mounting the Solar module on GI mounting structure.	Kg	600	192.36	6.73	10.39	209.48	125688
4.3	Supply & installation of Readymade rectangular cement concrete blocks of suitable wieght & suitable dimensions , made with M20 grade PCC & wire mesh , for dead weight support for Solar PV array structure as per tender specification & as instructed by EIC.	Cu.M	108	8092.9	283.25	437.02	8813.17	951822.36
5	AC Aluminium Cabling works:							
5.1	Supply of 3.5C x 25 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE	Meter	120	244.81	8.57	13.22	266.6	31992

	insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments as per specifications.							
5.2	Supply of 3.5C x 70 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments as per specifications.	Meter	180	428.43	15	23.14	466.57	83982.6
5.3	Supply of 3.5C x 300 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments as per specifications.	Meter	200	1538.84	53.86	83.1	1675.8	335160
5.4	Installation, testing & commissioning of 3.5C x 25 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated ,	Meter	120	2623.02	91.81	141.64	2856.47	342776.4

	Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.							
5.5	Installation, testing & commissioning of 3.5C x 70 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I.	Meter	180	4371.7	153.01	236.07	4760.78	856940.4

	fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.							
5.6	Installation, testing & commissioning of 3.5C x 300 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.	Meter	200	6994.73	244.82	377.72	7617.27	1523454
5.7	Providing end termination of 3.5C x 25 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate	Nos.	4	2623.02	91.81	141.64	2856.47	11425.88

	earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.							
5.8	Providing end termination of 3.5C x 70 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	2	4371.7	153.01	236.07	4760.78	9521.56
5.9	Providing end termination of 3.5C x 300 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable	Nos.	4	6994.73	244.82	377.72	7617.27	30469.08

	thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.							
6	AC Copper Cabling works:							
6.1	Supply of 4C x 10 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, all as per specifications.	Meter	20	568.32	19.89	30.69	618.9	12378
6.2	Supply of 4C x 16 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, all as per specifications.	Meter	20	821.88	28.77	44.38	895.03	17900.6
6.3	Supply of 4C x 25 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer	Meter	50	1329	46.52	71.77	1447.29	72364.5

	sheathed unarmoured cables conforming to IS with latest amendments, all as per specifications.							
6.4	Supply of 4C x 240 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, all as per specifications.	Meter	60	2194.6	76.81	118.51	2389.92	143395.2
6.5	Installation, testing & commissioning of 4C x 10 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	20	725.7	25.4	39.19	790.29	15805.8

6.6	Installation, testing & commissioning of 4C x 16 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	20	3934.53	137.71	212.46	4284.7	85694
6.7	Installation, testing & commissioning of 4C x 25 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach	Meter	50	1031.72	36.11	55.71	1123.54	56177

	screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.							
6.8	Installation, testing & commissioning of 4C x 240 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	60	2797.89	97.93	151.09	3046.91	182814.6
6.9	Providing end termination of 4C x 10 sq mm,1.1 kv grade ,Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland,	Nos.	4	786.91	27.54	42.49	856.94	3427.76

	insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.							
6.10	Providing end termination of 4C x 16 sq mm, 1.1 kv grade,Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	4	1311.51	45.9	70.82	1428.23	5712.92
6.11	Providing end termination of 4C x 25 sq mm, 1.1 kv grade, Cu conductor,PVC insulated unarmoured cables with solder less heavy duty tinned copper	Nos.	4	2185.85	76.5	118.04	2380.39	9521.56

	lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.							
6.12	Providing end termination of 4C x 240 sq mm, 1.1 kv grade,Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	8	3060.19	107.11	165.25	3332.55	26660.4
7	Pre-Fabricated AC Distribution Boards (For below 40 kWp system):							

	Supply, installation, testing & commissioning of readymade IP65, IK08 ABS / PC enclosure ACDB (wall mounting type with rust proof polymer screws) with transparent PC cover & powder coated mounting plate with suitable din rails , RYB indication lamps & with the following components, suitable for use at 415 V, 3 phase 4 wire 50 Hz system as per specifications & as per instructions of EIC : i.) 4P, 63A, 30mA, RCBO - 1 no. ii.) 4P, 40kA I _{max} , Type-2 SPD - 1 no.	Nos.	1	27978.91	979.26	1510.86	30469.03	30469.03
8	Fabricated AC Distribution Boards (For above 40 kWp system):							
8.1	Fabrication, supply, installation, testing & commissioning of AC distribution boards (wall mounting/Floor mounting type) having cable end box on either side of the box with the	Nos.	2	69947.28	2448.15	3777.15	76172.58	152345.16

	following components suitable for use at 415 V, 3 phase 4 wire, 50 Hz system, and suitable for a fault level of 25 kA symmetrical at 415 V all as per technical specifications & as instructed by EIC : 1) 125A MCCB 4 Pole, 25 kA, microprocessor based trip unit (LSIG) with extended rotary handle & on, off, trip indication-1no. 2) RYB indication lamp - 1 Set 3) 200/5 A ratio, class-1, 10VA burden cast resin current transformer - 3 Nos. 4) Multifunction meter, 3 phase 4 wire, CT sec. 5A, Class-1, flush mounting size 96x96 mm indicating V, I,F,PF,Power & Energy etc. similar to Model No. - EM6436H of M/s Schneider Electric make - 1 No.							
8.2	Fabrication, supply, installation, testing & commissioning of AC distribution boards (wall mounting/Floor mounting type) having cable end box on	Nos.	1	255818.17	8953.64	13814.18	278585.99	278585.99

	either side of the box with the following components suitable for use at 415 V, 3 phase 4 wire, 50 Hz system, and suitable for a fault level of 25 kA symmetrical at 415 V all as per technical specifications & as instructed by EIC : 1.) Incomer feeders : i.) 250A ,4 Pole, 25 kA MCCB microprocessor based trip unit (LSI) -3 no. ii) RYB indication lamp - 1 Set 2.) Main Bus bar - 1 Set 800 A TPN tinned copper bus bar having maximum current density of 800 A/sq.inch to withstand symmetrical fault level of 25 KA at 415 V. The neutral bus bar shall have 100% capacity as of phase busbars 3.) Outgoing feeder : i.) 800A MCCB 4 Pole, 25 kA, microprocessor based trip unit (LSIG) with extended rotary handle & on, off, trip indication-1 no. ii.) RYB indication lamp - 1							
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	Set iii.) 1000/5 A ratio, class-1, 10VA burden cast resin current transformer - 3 Nos. iv.) 0-500V voltmeter with 6 way & off selector switch and MCB for Protection - 1 set v.) Multifunction meter, 3 phase 4 wire, CT sec. 5A, Class-1, flush mounting size 96x96 mm indicating V, I,F,PF,Power & Energy etc. similar to Model No. - EM6436H of M/s Schneider Electric make - 1 No. vi.) 4P, 40kA Imax, Type-2 SPD - 1 no.							
9	Isolators (MCB Type):-							
9.1	Supply, installation , testing and commissioning of 63A, 4P Isolator (MCB Type) in suitable Ready made powder coated Four Pole enclosures complete with all fixing accessories as required and as per instruction of E.I.C.	Nos.	2	3147.63	110.17	169.97	3427.77	6855.54
9.2	Supply, installation , testing and commissioning of 125A, 4P Isolator (MCB Type) in	Nos.	4	16787.35	587.56	906.52	18281.43	73125.72

	suitable Ready made powder coated Four Pole enclosures complete with all fixing accessories as required and as per instruction of E.I.C :							
10	Supply, installation , testing and commissioning of 800A, 4 pole Switch Disconnecter unit with suitable SS enclosure (for mounting & cable termination), complete with all fixing accessories as required and as per instruction of E.I.C. Note: The SS enclosure shall have suitable space for termination of 2 nos. of 4Cx240 sq.mm unarmoured cables.	Nos.	2	170883.82	5980.93	9227.73	186092.48	372184.96
11	HDPE pipe & accessories: Supply, installation, testing & commissioning of 25mm and 50mm liquid tight, PN25 & PE100 HDPE pipe with necessary accessories like coupler, elbow, tee, bends, circular boxes etc. as per specification & as instructed by EIC.							

	Note: Scope of work also includes filling of open ends of the HDPE pipe with Expandable Polyurethane Foam Insulation Sealant to make it liquid tight.							
11.1	25mm HDPE pipe fixed to wall / slab / column / beam with min. 2mm thick GI saddle & 4-5 mm thick GI Spacer	mtr.	500	131.15	4.59	7.08	142.82	71410
11.2	50mm HDPE pipe fixed to wall / slab / column / beam with min. 2mm thick GI saddle & 4-5 mm thick GI Spacer	mtr.	500	196.73	6.89	10.62	214.24	107120
11.3	25mm HDPE pipe on rooftop surface , laid along with earthing strip & clamped with earthing strip at every 200mm using cable ties (made of UV-resistant Polyamide 6.6).	mtr.	2000	131.15	4.59	7.08	142.82	285640
11.4	50mm HDPE pipe on rooftop surface , laid along with earthing strip & clamped with earthing strip at every 200mm using cable ties (made of UV-resistant Polyamide 6.6).	mtr.	500	196.73	6.89	10.62	214.24	107120
12	Earthing Protection System							

12.1	Earthing Strip: Supply, installation, testing & commissioning of 25 x 6 mm heavy dipped GI strip in ground at a depth of 750 mm below ground level including excavation in all type of soils , refilling and removal of excess earth within a radius of 3000 mtrs., temporary reinstatement and back filling , interconnection of earth strip / wire with GI nut bolts & washers, painting with two coats of black bituminous compound for earth strip in ground for AC, DC & LA earthing, all as required & as instructed by the Engineer-in-charge. Note: The scope includes connection of earthing strips with the base of module mounting structures & with the earthing station.	mtr.	500	131.15	4.59	7.08	142.82	71410
12.2	Earthing Strip: Supply, installation, testing & commissioning of 25 x 6 mm heavy dipped GI strip fixed to wall / slab / column / beam	mtr.	1500	300.77	10.53	16.24	327.54	491310

	with min. 2mm thick GI saddle & 4-5 mm thick GI Spacer OR On surface of rooftop fixed on existing PCC blocks with min. 2mm thick GI saddle & 4-5 mm thick GI Spacer and green colour enamel painting for strip on surface etc. for AC, DC & LA earthing, all as required & as instructed by the Engineer-in-charge. Note: The scope includes connection of earthing strips with the base of module mounting structures & with the earthing station.							
12.3	Earth Wire: Supply & installation of 6 sq.mm , 1.1 kV grade FRLS PVC insulated, multistranded flexible copper conductor wire for module to module earthing & bonding of module with grid structure grounding with suitable lugs etc. all as required & as instructed by EIC.	mtr.	1000	207.22	7.25	11.19	225.66	225660
13	Miscellaneous items:							
13.1	Supply, installation , testing	Nos.	1	40902.54	1431.59	2208.74	44542.87	44542.87

	and commissioning of 1 HP Single Phase, Self Priming, Monoblock Pump with DOL starter having Aluminium body complete with weatherproof FRP canopy with all fixing accesories as required & as per instructions of EIC.							
13.2	Supply & installation of Sintex Loft Plastic Water Tank with 500 L Capacity complete with gate valves at both sides with all fixing accesories as required & as per instructions of EIC.	Nos.	1	8743.41	306.02	472.14	9521.57	9521.57
13.3	Supply & installation of fixed access vertical aluminium ladder of 7 Mtr. with Hoops for Roof top access, complete with wall brackets, back hoops, walk through grab rails etc. with all fixing accesories as required & as per instructions of EIC.	Nos.	1	97315.02	3406.03	5255.01	105976.06	105976.06

14	Data logger : Supply, installation , testing and commissioning of Data Logger for Remote Monitoring of solar PV generation, similar to "ESENZ PRO MODEL" of M/s E-senZ Innovations along with 4G/5G enabled SIM card for data transmission complete with power supply & fixing accessories etc. all as required , as per technical specs & as instructed by EIC. Note: Scope of work includes procurement of 4G/5G enabled sim card on departments name & recharging of sim card with 4G/5G data pack of min. 1GB/day for 365 days.	Nos.	6	18361.16	642.64	991.5	19995.3	119971.8
Schedule 2								
15	Post Commisioning Operation & Preventive Maintenance of Grid Connected Roof Top Solar Photovoltaic system for the 1st Year (i.e. during Defect Liability period of 1 year) Carrying out routine &	Job per month	12	22675.88	-	4081.66	26757.54	321090.48

	preventive maintenance of the power plant including providing all labor, material, consumables etc. for routine and preventive maintenance all as required, as per technical specifications, guidelines of OEM's & as directed by EIC. Note: Scope of work includes: i.) Regular fortnightly cleaning and maintenance of the plant system including operation as required. ii.) Monitoring of plant performance and preparation of report on monthly basis towards maintenance of the plant, electricity generation, electricity injected into the distribution system etc. iii.) Undertake regular checks and maintenance activities, required to be carried out, as recommended by the manufacturer of the equipment, on all the components of the power plant. iv.) Yearly Recharging of sim cards of data loggers with							
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	4G/5G data pack of min. 1GB/day for 1st year.							
16	Post Commisioning Operation , Preventive & Comprehensive Maintenance of Grid Connected Roof Top Solar Photovoltaic system for 4 years. (i.e. after Defect Liability period) Carrying out routine, preventive and breakdown maintenance and replacement of defective component / equipment of the power plant , providing all labor, material, consumables etc. for routine and preventive maintenance all as required, as per technical specifications, guidelines of OEM's & as directed by EIC. Note: Scope of work includes: i.) Regular fortnightly cleaning and maintenance of the plant system including operation as required. ii.) Monitoring of plant performance and supply of all technical, Production/operation data and information through a	Job per month	48	24729.12	-	4451.24	29180.36	1400657.28

	monthly report. iii.) Undertake regular checks and maintenance activities, required to be carried out, as recommended by the manufacturer of the equipment, on all the components of the power plant. iv.) Carry out maintenance activities as a result of sudden failure/breakdown of any particular component or equipment. v.) Undertake major overhaul of any component or equipment of the plant necessary on account of excessive wear & tear. vi.) Prepare and maintain records on monthly basis towards maintenance of the plant, electricity generation, electricity injected into the distribution system etc. vii.) Yearly Recharging of sim cards of data loggers with 4G/5G data pack of min. 1GB/day for 4 years.							
	Total amount of work(Rs.)							30066896.36

Note:

1. The bid price / rates / total bid price quoted shall be **inclusive** of all statutory liabilities, taxes, cess, duties, levies, BOCW cess, etc. as applicable under the prevailing statutes or levy by the statutory authorities/State/Central Government and payable by the bidder under the contract **including** GST. Bidder shall also comply with the provision of Anti-Profiteering under GST act. The quote shall be **inclusive** of all costs towards compliance of EPF, ESIC, BOCW and other labour laws.
2. Price quoted should be **inclusive** of all applicable Taxes/charges **including** GST. The Contractor shall pay all other taxes, fees, royalty, commission etc., which may be levied on the contractor in executing the contract. In case Corporation is forced to pay any of such taxes, it shall be recovered from Contactor's bills or otherwise as deemed fit.



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited

AHR ITEM LIST

ANNEXURE-B

Item No.	Description of Item	Unit	Department Rate including GST (Rs.)
5.04	Installation, testing & commissioning of 3.5C x 25 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.	Meter	69.5
5.05	Installation, testing & commissioning of 3.5C x 70 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.	Meter	160.8

5.06	Installation, testing & commissioning of 3.5C x 300 sq mm, 1.1 KV grade, Multi Stranded Aluminium conductor , XLPE insulated , Extruded PVC inner sheathed, G.I strip armoured, FRLS PVC outer sheathed cables conforming to IS 7098 with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the EIC.	Meter	298.9
5.07	Providing end termination of 3.5C x 25 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	393.9
5.08	Providing end termination of 3.5C x 70 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	562.3

5.09	Providing end termination of 3.5C x 300 sq mm, 1.1 kv grade, Al conductor, XLPE insulated armoured cables with Al lugs, heavy duty brass cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	1328.6
6.05	Installation, testing & commissioning of 4C x 10 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	69.5
6.06	Installation, testing & commissioning of 4C x 16 sq mm, 1.1 KV grade, Multi Stranded Copper conductor , PVC insulated , FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	69.5

6.07	Installation, testing & commissioning of 4C x 25 sq mm, 1.1 KV grade, Multi Stranded Copper conductor, PVC insulated, FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	69.5
6.08	Installation, testing & commissioning of 4C x 240 sq mm, 1.1 KV grade, Multi Stranded Copper conductor, PVC insulated, FRLS PVC outer sheathed unarmoured cables conforming to IS with latest amendments, fixed on wall/column/slab/ Hume pipe/trench/ shaft/pit/ on 4-5mm thick G.I. flat/angle support fixed with coach screws/grouted in wall/anchor fasteners, min. 2mm. thick G.I. fabricated saddle, all fixing accessories, etc. all as per specifications & as per instructions of the E-I-C.	Meter	298.9
6.09	Providing end termination of 4C x 10 sq mm, 1.1 kv grade, Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	400.8

6.10	Providing end termination of 4C x 16 sq mm, 1.1 kv grade, Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	469.7
6.11	Providing end termination of 4C x 25 sq mm, 1.1 kv grade, Cu conductor, PVC insulated unarmoured cables with solder less heavy duty tinned copper lugs, suitable cable gland, insulation tape, duplicate earthing with brass earthing tags of suitable thickness & its inter connection to the nearest earthing point with 8 SWG GI wires, copper lugs etc. as per relevant IS specification and as per instruction of Engineer in-charge.	Nos.	492.7
7	Pre-Fabricated AC Distribution Boards (For below 40 kWp system):		
	Supply, installation, testing & commissioning of readymade IP65, IK08 ABS / PC enclosure ACDB (wall mounting type with rust proof polymer screws) with transparent PC cover & powder coated mounting plate with suitable din rails , RYB indication lamps & with the following components, suitable for use at 415 V, 3 phase 4 wire 50 Hz system as per specifications & as per instructions of EIC : i.) 4P, 63A, 30mA, RCBO - 1 no. ii.) 4P, 40kA Imax, Type-2 SPD - 1 no.	Nos.	16799.7

9.02	Supply, installation , testing and commissioning of 125A, 4P Isolator (MCB Type) in suitable Ready made powder coated Four Pole enclosures complete with all fixing accessories as required and as per instruction of E.I.C :	Nos.	7986.1
10	Supply, installation , testing and commissioning of 800A, 4 pole Switch Disconnector unit with suitable SS enclosure (for mounting & cable termination), complete with all fixing accessories as required and as per instruction of E.I.C. Note: The SS enclosure shall have suitable space for termination of 2 nos. of 4Cx240 sq.mm unarmoured cables.	Nos.	25199.6
13.01	Supply, installation , testing and commissioning of 1 HP Single Phase, Self Priming, Monoblock Pump with DOL starter having Aluminium body complete with weatherproof FRP canopy with all fixing accesories as required & as per instructions of EIC.	Nos.	12600.3
13.03	Supply & installation of fixed access vertical aluminium ladder of 7 Mtr. with Hoops for Roof top access, complete with wall brackets, back hoops, walk through grab rails etc. with all fixing accesories as required & as per instructions of EIC.	Nos.	13439.4

15	Post Commissioning Operation & Preventive Maintenance of Grid Connected Roof Top Solar Photovoltaic system for the 1st Year (i.e. during Defect Liability period of 1 year) Carrying out routine & preventive maintenance of the power plant including providing all labor, material, consumables etc. for routine and preventive maintenance all as required, as per technical specifications, guidelines of OEM's & as directed by EIC. Note:Scope of work includes: i.) Regular fortnightly cleaning and maintenance of the plant system including operation as required.ii.) Monitoring of plant performance and preparation of report on monthly basis towards maintenance of the plant, electricity generation, electricity injected into the distribution system etc.iii.) Undertake regular checks and maintenance activities, required to be carried out, as recommended by the manufacturer of the equipment, on all the components of the power plant.iv.) Yearly Recharging of sim cards of data loggers with 4G/5G data pack of min. 1GB/day for 1st year.	Job per month	11134.4
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न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

Nuclear Power Corporation of India Limited

Bidder has agreed to execute all the 19 AHR item beyond tender quantity at Departmental rate.

For and on behalf of Nuclear Power Corporation of India Limited

SECURITY DEPOSIT REFUND REQUEST FORM UNDER PMRPY SCHEME

Statement of EPF paid for workmen for the duration from _____ to _____

Name of Work:

Work order no:

Name of Contractor:

Till final bill, total amount of Rs _____ had been reimbursed by GOI under PMRPY and the same had been recovered by NPCIL till final bill payment (RA Billwise breakup of recovery is enclosed). And now, for the time elapsed between final bill and till date, Rs _____ has been reimbursed to us under PMRPY. I/We hereby authorize NPCIL to recover Rs _____ reimbursed by Government of India (GOI) under PMRP, for the time elapsed between final bill and till date from our security deposit. We also undertake to pass on any future benefit received, under PMRPY scheme.

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न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation of India Limited