

Name of work: Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site



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

A PARTHIBAN, In-Charge (C&MM-Works Group)

☎ 04637- 28 2643

ई-मेल E-mail: aparthiban@npcil.co.in

सं. No. एनपीसीआईएल/NPCIL/केकेएनपीपी/KKNPP/C&MM-Works/2026/एस/ 287

May 05, 2026

To

M/s. MGR Fabricators Private Limited,
D-4/276 KH. No -424, First Floor,
Bhagel Sadan Bank Colony Road,
Mandoli Extn, Near Jail Boundary,
Delhi -110093
Mobile: 8447135062
E-mail: mgrfabricators07@gmail.com

Work Order No.	:	400485
Subledger Code	:	M10075
Account Code	:	14425
Charge Code	:	6285
CC Code	:	59

Dear Sirs,

Subject : “WORK ORDER” – reg.

Name of work : Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site.

Ref. 1. E-Tender No. : NPCIL/KK-3&4/CONST/MECH/PT/2025/149

4. Our Ref No. : Through CPP Portal dated: 03.11.2025 (Corrigendum for extension of Bid submission date and Bid Opening date - reg.)

5. Our Ref No. : Through CPP Portal dated: 18.11.2025 (Bid Auto Extension Corrigendum for extension of Bid submission date and Bid Opening date -reg.)

8. Our Email : Through Email dated: 31.03.2026 (Asking Extension of Bid validity period reg.)

9. Your Letter No. : Ref: MGR/DL/2025-26/59, dated: 31.03.2026 (Acceptance of Bid Validity Extension of the Tender reg.)

Please refer to your above cited tender in response to e-TENDER NOTICE No: NPCIL/KK-3&4/CONST/MECH/PT/2025/149 for the above work, Part-I and Part-II were opened on 24.11.2025 and 19.01.2026 respectively.

[Signature]

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 ₹ 8,40,35,750.00 (**Rupees Eight Crore Forty Lakhs Thirty Five Thousand Seven Hundred 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.

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 12 Months (including monsoon period) from the date of commencement including Sundays, Holidays and rainy season/days, if any. The date of commencement will be reckoned within 45 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 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 of 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 works, structures, plant & machineries, property, persons etc., as per GCC Clause

[Handwritten Signature]

no. 14 & 15. The quoted rate shall include the premium amount for insurance policies as given in Sch-A Part-I of Section-I of tender S.No.25 and clause No.15.1 of GCC. All insurance submitted should be Work Order specific wherever applicable. You have to submit the copies of Insurance policies along with the original policy to the Engineer-in-charge before the commencement of work.

7.1 Contractor's All Risk (CAR) Policy shall be for the whole contract value with GST @ 18% i.e., ₹ 8,40,35,750.00 and including Insurance for Third Party Liability for 10% of the work order value inclusive of GST subject to maximum of ₹ 50 Lakhs.

7.2 Workmen Compensation Policy shall cover all workmen/employees employed in this work who are not covered under the ESI Act.

7.3 Group Insurance Policy is to cover Contractor, Engineers and supervisors employed by you. If already covered, documentary proof of the same shall be produced.

8. TAXES

8.1 Income tax and statutory levy etc. if any, on works 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 Part-2 of Section-I of tender.

9. ENGINEER-IN-CHARGE:

Shri. Premjeet Singh, SO/D (MECH & GP), KK-3&4. Email: premjeetsingh@npcil.co.in, contact No: 04637-263472 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 ₹ 84,03,575.00 (@ 10 % of the contract value inclusive of GST). Initially you will have to submit a performance guarantee for ₹ 42,01,787.00 (50% of security deposit) within 30 days after issue of work order. The remaining amount of security deposit of ₹ 42,01,788.00 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.1&2 of Section – II of tender 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 of Part-I of section-I of tender and 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. PAYMENT TERMS:

- 12.1 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 in compliance to clause no 11 of Part-2 of section-I /NIT.
- 12.2 The first running account bill will be paid only after submission of the documents as mentioned in Clause No.16(A) and 16(B) part-I of Special instructions in Section-III of tender.
- 12.3 Final bill will be paid only after submission of the documents as mentioned in clause No.16(C) of Part-I of special instructions in Section-III of tender.
- 12.4 Stage Payment as per SECTIONAL SPECIAL CONDITIONS OF CONTRACT SPECIFIC TO WORK as enclosed vide Annexure-III will be applicable.

13. PENALTIES:

Penalties imposed by Engineer-in-charge for non-compliance of work requirements will be recovered from bills of the contractor before release of payment as per clause No.20 of Part-I of Section-III of tender.

14. ELECTRICITY:

Electric power will not be supplied by NPCIL. If required by the contractor, it will be made available on chargeable basis as per prevailing TNEB Tariff, applicable from time to time, from existing nearby NPCIL source at a nominal system voltage of 415 volts, 3 phase, 4 wire, 50. Hz. However, you can arrange your own power supply, subject to meeting the statutory norms, as mentioned in clause No.4.14.1 of General Conditions of Contract and S.No. 3&4 of Schedule-A of part-1 of section-I in tender document.

15. FREE ISSUE MATERIAL:

Free issue material and supply of material and its material accounting shall be as per Schedule-B/Section VII of tender document enclosed as Annexure-II.

28/11/25

16. 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.

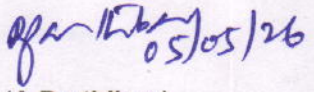
17. AGREEMENT:

You are requested to bring ₹ 100.00 Non judicial stamp paper in your company name for preparation of agreement document immediately after the receipt of work order. Further you are requested to attend the office for signing the formal agreement document within 60 days from the date of issue of this work order. Unless the agreement document is signed, the first RA bill will not be passed. 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.

18. 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 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,


05/05/26

(A Parthiban)

In-Charge (C&MM-Works Group)

For and on behalf of
Nuclear Power Corporation of India Ltd.

Encl:

1. Schedule of Quantities and Rates – Annexure –‘I’
2. Free issue Materials (Schedule-B) – Annexure –‘II’
3. Stage Payment – Annexure –‘III’

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

Print Date: 04-May-2026

Name of Work: Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site. WO / SOQR Number : 400485 Tender No.: NPCIL/KK-3&4/CONST/MECH/PT/2025/149 Agency Name : M/s. MGR Fabricators Private Limited, Delhi					
Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in % Amount in ₹
Schedule : KK34-Mech-T:NA					
1	Supply of ventilation equipments: Supply of ventilation equipment as per technical specifications.			0.00	
1.1	Centrifugal Fan (flow-rate: 6800 cu.m/hr (min), static head: 280mmWC (min), efficiency: 70%) as per technical specification	Nos	2	800000	0.00 1,600,000.00 Rupees Eight Lakh Only
1.2	Tube Axial Exhaust Fan (flow-rate: 1500 cu.m/hr, static head: 15mmWC, efficiency: 40%) as per technical specification	Nos	3	320000	0.00 960,000.00 Rupees Three Lakh Twenty Thousand Only
1.3	Propeller Fan (flow-rate: 500-600 cu.m/hr, static head: 2-5mmWC, efficiency: 15%) as per technical specification	Nos	2	100000	0.00 200,000.00 Rupees One Lakh Only
1.4	Tube Axial Fan (flow-rate: 800-1000cu.m/hr, static head: 10 mmWC, efficiency: 40%) as per technical specification	Nos	2	315000	0.00 630,000.00 Rupees Three Lakh Fifteen Thousand Only
2	Installation of ventilation equipments & free issue survival filtering plants: Handling, transportation and erection as per manufacturer recommendation, Drawings, guidelines & technical specification. The work also includes transportation, storage, shifting to the location, providing tools and tackles, manpower, machineries, scaffoldings, consumables including fasteners leveling, aligning with base frame/ flanges, fixing of vibro-isolators, bolting as per manufacturer documents, inspection, commissioning of units, preparation and handing over of as built drawing reports as per technical specifications for acceptance of NPCIL.	Kgs	15000	85	0.00 1,275,000.00 Rupees Eighty Five Only
3	Supply, installation and commissioning of ACs: Supply, installation and commissioning of wall mounted/split Independent Air conditioner units meeting the technical requirements specified in technical specification & rated cooling capacity, given below; The scope of work includes: a) Supply and installation of copper tube (min 3 meter length - liquid & gas lines individually) with insulation material, power & communication cable, consumables such as fasteners and ODU brackets. b) Pressure testing, vacuumising, refrigerant charging and commissioning of the units c) Supply of IDU LCD remote controller, voltage stablizer of required rating as per technical specification. The work also includes transportation, storage, shifting to the location, providing tools and tackles, manpower, machineries, scaffoldings, consumables including fasteners, leveling, aligning with base frame/ flanges, erection, fixing of vibro-isolators, bolting as per manufacturer documents, inspection, preparation and handing over of as built drawing & commissioning reports as per technical specifications for acceptance of NPCIL.			0.00	
3.1	Independent Air conditioner units 1TR, as per technical specification	Nos	12	43000	0.00 516,000.00 Rupees Forty Three Thousand Only
3.2	Independent Air conditioner units 1.5TR, as per technical specification	Nos	8	47000	0.00 376,000.00 Rupees Forty Seven Thousand Only
3.3	Independent Air conditioner units 2TR, as per technical specification	Nos	7	62000	0.00 434,000.00 Rupees Sixty Two Thousand Only
3.4	Independent Air conditioner units 3TR, as per technical specification	Nos	8	90000	0.00 720,000.00 Rupees Ninety Thousand Only
4	Supply, insallation of Breathing air cylinders with isolation valve as per technical specifications: The work also includes transportation, storage, shifting to the location, providing tools and tackles, manpower, machineries, scaffoldings, consumables including fasteners leveling, aligning with base frame/ flanges, fixing of vibro-isolators, bolting as per manufacturer documents, inspection, preparation and handing over of as built drawing as per technical specifications for acceptance of NPCIL.			0.00	
4.1	Breathing Air filled Cylinders with built in isolation valve conforming to the Indian Standard specification IS:3224 [capacity: 47 lts & 150 bar], as per technical specification	Nos	105	24000	0.00 2,520,000.00 Rupees Twenty Four Thousand Only
4.2	CS Cylinder carrying trolly for two cylinders as per technical specification	Nos	2	6000	0.00 12,000.00 Rupees Six Thousand Only
5	Supply, fabrication and erection of various size CS Pipes and pipe fittings, flanges as per the technical specification: Identification of pipe spool, handling, cutting, erection , assembly of flange joints, alignment of CS piping along with accessories and fittings such as flanges of various sizes, at various elevations and locations, FME inspection, preparation of erection reports, flange joints reports, asbuilt drawings and work completion as per manufacturer drawings, documents and specifications with acceptance of EIC. The scope includes providing temporary support arrangements, supply of SS shims, scaffolding & platforms, man power, P&M, tools & tackles, all consumables etc as detailed in Sec V.	Kg	13000	315	0.00 4,095,000.00 Rupees Three Hundreds Fifteen Only
6	Supply, fabrication and erection of various size SS Pipes and pipe fittings, flanges as per the technical specification: Identification of pipe spool, handling, cutting, erection , assembly of flange joints, alignment of SS piping along with accessories, at various elevations and locations, FME inspection, preparation of erection reports, flange joints reports, asbuilt drawings and work completion as per manufacturer drawings, documents and specifications with acceptance of EIC. The scope includes providing temporary support arrangements, supply of SS shims, scaffolding & platforms, man power, P&M, tools & tackles, all consumables etc as detailed in Sec V.	Kg	5500	620	0.00 3,410,000.00 Rupees Six Hundreds Twenty Only
7	Supply, installation of Valves: Handling, de-preservation, identification, pre-assembly, installation in design position , erection of valves, FME, boxup, preservation, preparation of reports and carrying out all works as per manufacturer drawings, documents and specifications including temporary support arrangements, scaffolding & platforms, man power, P&M, tools & tackles, all consumables etc as detailed in Sec V with acceptance of EIC. This work includes installation of (a) Needle Valves , 15mm to 50mm, Manual Operated, Rating 900# to 1500#, Material SA182 F 316L, (b) Ball valves, 25mm to 50mm, Manual Operated, Rating 900# to 1500#, Material SA182 F 316L, (c) 50mm Pressure Regulating Valve, Manual Operated, Rating 1500#, Material SA182 F 316L, (d) 25x50mm Relief Valve, Spring Loaded, Material SA182 F 316L as per the technical specification and drawings.	Kg	200	12000	0.00 2,400,000.00 Rupees Twelve Thousand Only

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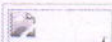
Name of Work: Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site.

WO / SOQR Number : 400485 Tender No.:NPCIL/KK-3&4/CONST/MECH/PT/2025/149

Agency Name : M/s. MGR Fabricators Private Limited, Delhi

Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
Rate in Words						
8	Supply, fabrication, erection of Ducts & Duct fittings: Supply, transportation, preparation and submission of Incoming material inspection report (IMIR), storage, preparation of duct/ fitting fabrication drawings for engineer's acceptance, cutting of ducts to required size & shape, bending, rolling, edge preparation ducts & fittings such as bends, elbows, taps, T-joints, reducers, erection of ducts & fittings of various sizes at site with metal flanged connection of various sizes. This work includes inspection as per specification and drawings, providing tools & tackles, machineries, manpower, preparation and handing over of as built drawings, reports, construction completion certificate (CCC) etc. Note: Welding of duct pipe and fittings will be measured and paid separately	Kg	31000	330	0.00	10,230,000.00
Rupees Three Hundreds Thirty Only						
9	Welding of CS duct and fittings RM: Handling, cutting, edge preparation, removal of paint from the joint area, cleaning, fit up, welding using GTAW/ SMAW process including hookup joints, mechanical cleaning of weld joint, visual inspection, repair of welding if any, FME inspection as per manufacturer drawings, documents and specifications. The scope includes joint identification & marking by engraving, preparation of welding inspection report (WIR), QAP, WPS, PQR, JHA, scaffolding & platforms, man power, welder qualification, P&M, tools & tackles, all consumables etc as detailed in Sec V. Note: Incase any temporary structures required, contractor shall supply all the materials including welding electrodes and consumables for which payment will not be made. DPT: Identification of the weld joints, marking, pre-cleaning, dye penetrant examination of the weld joint by ISNT/ ASNT PT level II qualified personnel, post cleaning, preparation of reports and submission to NPCIL for acceptance including, arrangement of man power, tools & tackles, plant & machinery, consumables, scaffolding & platforms, cleaning aids etc, as per drawings, documents and specifications as detailed in Sec V with acceptance of EIC. The scope includes preparation of procedure, performing Dye penetrant testing of welded joints in piping/supports including surface preparation, visual & measuring inspection, installation and dismantling of scaffolding / platforms, and removal of penetrant, cleaning of the joint after dye penetrant testing using solvent etc.	RM	1500	1500	0.00	2,250,000.00
Rupees One Thousand Five Hundreds Only						
10	Supply, fabrication, erection of Structural steel supports for pipe and ducts: Supply, handling, fabrication of metal pipe support structures, saddles and clamps etc and work completion as per manufacturer drawings, documents and specifications with acceptance of EIC. The scope includes study of drawings, development of detailed metal structure drawing (DMS) for approval, handling, cutting, grinding, drilling, fabrication, welding, inspection, testing, preparation of fabrication procedures, QAP & reports, NDE, arrangement of man power, tools & tackles, plant & machinery, scaffolding & platforms, consumables including welding electrodes and filler wires, cleaning aids etc as detailed in Section V, Technical specifications. Note: NDE shall be paid in respective SOQRs.	Kg	20000	218	0.00	4,360,000.00
Rupees Two Hundreds Eighteen Only						
11	Welding including DPT: Handling, cutting, edge preparation, removal of paint from the joint area, cleaning, fit up, welding using GTAW/ SMAW process including hookup joints, mechanical cleaning of weld joint, visual inspection, repair of welding if any, FME inspection as per manufacturer drawings, documents and specifications. The scope includes joint identification & marking by engraving, preparation of welding inspection report (WIR), QAP, WPS, PQR, JHA, scaffolding & platforms, man power, welder qualification, P&M, tools & tackles, all consumables etc as detailed in Sec V. Note: Incase any temporary structures required, contractor shall supply all the materials including welding electrodes and consumables for which payment will not be made. DPT: Identification of the weld joints, marking, pre-cleaning, dye penetrant examination of the weld joint by ISNT/ ASNT PT level II qualified personnel, post cleaning, preparation of reports and submission to NPCIL for acceptance including, arrangement of man power, tools & tackles, plant & machinery, consumables, scaffolding & platforms, cleaning aids etc, as per drawings, documents and specifications as detailed in Sec V with acceptance of EIC. The scope includes preparation of procedure, technique sheets, performing Dye penetrant testing of welded joints in piping/supports including surface preparation, visual & measuring inspection, installation and dismantling of scaffolding / platforms, and removal of penetrant, cleaning of the joint after dye penetrant testing using solvent etc.				0.00	
11.1	Welding of CS pipes & fittings	Inch Dia	3200	1400	0.00	4,480,000.00
Rupees One Thousand Four Hundreds Only						
11.2	Welding of SS pipes & fittings	Inch Dia	3200	2000	0.00	6,400,000.00
Rupees Two Thousand Only						
12	Supply and installation of Various types of dampers, grilles: Supply of Grilles & Dampers, handling, transportation and erection as per manufacturer recommendation, guidelines & technical specification. The work also includes transportation, storage, shifting to the location, providing tools and tackles, manpower, machineries, scaffoldings, consumables including fasteners leveling, aligning as per technical specifications for acceptance of NPCIL.				0.00	
12.1	Butterfly Type Isolation Damper, Manually Operated, of different sizes 100 NB to 600 NB, FL End, Material SA516 Gr60	kg	1500	2750	0.00	4,125,000.00
Rupees Two Thousand Seven Hundreds Fifty Only						
12.2	0 Deg, Exhaust Air Grille with VCD, material GSS/Aluminium of various sizes according to design recommendation	Sq.m	12	18000	0.00	216,000.00
Rupees Eighteen Thousand Only						
12.3	45 Deg, Supply Air Grille with VCD, material GSS/Aluminium of various sizes according to design recommendation	Sq.m	12	18000	0.00	216,000.00
Rupees Eighteen Thousand Only						
13	Instrumentation: Supply, handling , transportation, erection (Including all cosumables), along with pipes/equipment as per manufacturer recommendations, drawings, specifications for the acceptance of NPCIL.				0.00	
13.1	GLASS TUBE ROTAMETER, Operating measurement range- 2 to 20 m3/hr, Process Fluid:Air Operating Temp.:25 °C Operating Pr.:0.5 kg/cm2(g) Flow:0/12/15 m3/hr. End connection 1/2" FNPT Back Entry	Nos.	6	15000	0.00	90,000.00
Rupees Fifteen Thousand Only						
13.2	GLASS TUBE ROTAMETER, Operating measurement range- 3 to 30 m3/hr, Process Fluid:Air Operating Temp.:25 °C Operating Pr.:0.5 kg/cm2(g) Flow:0/24/26.5 m3/hr. End connection 25 NB, 150#, SORF Back Entry	Nos.	4	15500	0.00	62,000.00
Rupees Fifteen Thousand Five Hundreds Only						
13.3	GLASS TUBE ROTAMETER, Operating measurement range- 20 to 200 m3/hr, Process Fluid:Air Operating Temp.:25 °C Operating Pr.:0.5 kg/cm2(g) Flow:0/10/120 m3/hr. End connection 50 NB, 150#, SORF Back Entry	Nos.	2	22000	0.00	44,000.00
Rupees Twenty Two Thousand Only						
14	Supply and installation of Anchor fasteners:				0.00	
14.1	Supply of Anchor fasteners HSL 4G M12x25	Nos	200	1350	0.00	270,000.00
Rupees One Thousand Three Hundreds Fifty Only						
14.2	Supply of Anchor fasteners HDA M12x25	Nos	200	8500	0.00	1,700,000.00
Rupees Eight Thousand Five Hundreds Only						
14.3	Installation of Anchor fasteners by core drilling	Nos	400	1000	0.00	400,000.00
Rupees One Thousand Only						

Signature



Name of Work: Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site.

WO / SOQR Number : 400485 Tender No.:NPCIL/KK-3&4/CONST/MECH/PT/2025/149

Agency Name : M/s. MGR Fabricators Private Limited, Delhi

Item No	Item Description	Unit	Quantity	Rate in ₹	Rebate in %	Amount in ₹
					Rate in Words	
15	Grit blasting and anti corrosive painting of pipes, ducts and structural: Handling of CS pipes and fittings, supports, metal structure, shifting to blasting area, grit blasting using steel grits/shot supply & application of Inorganic Zinc Silicate primer with minimum thickness(DFT) of 75 microns, application of intermediate & finish paint inspection, preparation of reports and work completion as per drawings, documents and specifications as detailed in Sec V. The scope includes assesement of material requirement, procurement of grit/shot, primer with material test certificate, inspection at contractor's store, preparation of IMIR (incoming material inspection report), establishment of workshop, qualification of procedures, arrangement of man power, tools & tackles, P&M, consumables, cleaning aids etc with acceptance of EIC. Note : Work includes application of primer on field weld joints for pipes after completion of Hydrotest and for metal structures after welding.	Sqm	8500	1650	0.00	14,025,000.00
					Rupees One Thousand Six Hundreds Fifty Only	
16	Core cutting: Identification, marking, mounting & setting up of machine, core cutting in reinforced concrete using diamond core drilling for various piping penetrations on wall/ floor, disposal of debris, preparation of reports, arrangement of man power, drill bits/core cutter, tools & tackles, scaffolding & platforms, plant & machinery, consumables, cleaning aids etc, as per drawings, documents and specifications as detailed in Sec V with acceptance of EIC.	mm-meter	3725	230	0.00	856,750.00
					Rupees Two Hundreds Thirty Only	
17	Wall sealing: Identification, marking, mounting & setting up for sealing of walls as required, disposal of debris, preparation of reports, arrangement of man power, tools & tackles, P&M, scaffolding & platforms, consumables, cleaning aids etc, as per drawings, documents and specifications as detailed in Sec V & with acceptance of EIC.	Its	850	1250	0.00	1,062,500.00
					Rupees One Thousand Two Hundreds Fifty Only	
18	Manpower for carryingout misc/commissioning assistance works not covered under the any of the works mentioed: Providing manpower assistance along with P&M tools and tackles and general consumables for carrying out modifications works/repair of deformed structure/components and restoring to orginial shape by bend removal, straightening (with or without the application of heat), deformation correction etc., assembly & disaseembly of equipmenst and its components, carrying out miscellaneous activities like opening & tightening of equipment manholes, flanges, replacing old gaskets with new gaskets, removing of debris from strainers, cleaning & re-assembling of mechanical strainers, valve opening/closing, removal of temporary piping for normalization of system for flushing works etc as per the NPCIL requirements and submission for acceptance. This work includes arranging necessary manpower, tools & tackles, cleaning, consumables etc., preparation of as built drawing, test scheme, reports and work completion as per the instructions of the EIC. Note: Carrying out such repair activities by the one labour in a day (deployment of one qualified labour for 8 hours duty on all normal working days/holidays/ sundays) , general consumables like wire brush, lint free cloth, wire brush, emery etc and P&M for heating and bend removal, general tool kit will be treated as one operation day for each sub-item for the above works based on the instruction from EIC.				0.00	
18.1	High Skilled	Shifts	450	1300	0.00	585,000.00
					Rupees One Thousand Three Hundreds Only	
18.2	Skilled	Shifts	650	1270	0.00	825,500.00
					Rupees One Thousand Two Hundreds Seventy Only	
18.3	Unskilled	Shifts	650	1100	0.00	715,000.00
					Rupees One Thousand One Hundreds Only	
19	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Laundry Equipments set at KKNPP site as per Annexue-B1 of technical specification mentioned in Section V.	Set	1	1700000	0.00	1,700,000.00
					Rupees Seventeen Lakh Only	
20	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Liquid Effluent Transfer Pump set at KKNPP site as per Annexue-B2 of technical specification mentioned in Section V.	Set	1	850000	0.00	850,000.00
					Rupees Eight Lakh Fifty Thousand Only	
21	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Ultrasonic cleaning tank, accessories and its filtration system along with inter connecting piping required at KKNPP site as per Annexue-B3 of technical specification mentioned in Section V.	Set	1	9000000	0.00	9,000,000.00
					Rupees Ninety Lakh Only	
22	Supply, commissioning, testing and guarantee of Hot water high pressure jet cleaning machine at KKNPP site as per Annexue-B4 of technical specification mentioned in Section V.	Set	1	425000	0.00	425,000.00
					Rupees Four Lakh Twenty Five Thousand Only	

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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	₹84035750
Overall Rebate (%)	0
Work Order Value After Overall Rebate (in Figure)	₹84035750
Final Work Order Value (in Figure)	₹84035750
Final Work Order Value (in words)	Rupees Eight Crore Forty Lakh Thirty Five Thousand Seven Hundreds Fifty Only

Signature

Kudankulam Nuclear Power Project	Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site
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SCHEDULE 'B'

MATERIAL ISSUED TO THE CONTRCTOR

Sl. No	Particulars	Unit	Rate at which Material will be issued	Maximum Invisible wastage (Non-Returnable) %	Maximum permissible wastage (Returnable in case of free issue) %	Qty to be Issued (approx.)
1	Free issue survival filtering plants	Kg	0.00	0.00	0.00	4000.00

gms

Kudankulam Nuclear Power Project	Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site
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Stage Payment

Item No	Item Description	UOM	Stage-I		Stage-II		Stage-III		Stage-IV	
			%	Description	%	Description	%	Description	%	Description
	OESC Ventilation works									
1	Supply of ventilation equipments: Supply of ventilation equipment as per technical specifications. (For Item no 1.1 to 1.4)	Nos.	10	On approval of Quality Plan/Vendor detail or Inspection and acceptance	80	On completion of inspection after supply and submission of IMIR along with all the certificates and reports and acceptance of EIC	10	On commissioning/ handing over		
2	Installation of ventilation equipments & free issue survival filtering plants:	kg	90	Actual installation at site as per requirement	10	On commissioning and handing over, report submission and final acceptance				
3	Supply, Installation and commissioning of ACs: (For Item no. 3.1 To 3.4)	Nos.	85	Supply Independent split Air conditioner units, preparation of IMIR & submission of reports.	15	Installation and commissioning of Independent split Air conditioner units, Submission of report & acceptance / Handing over of AC				

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Kudankulam Nuclear Power Project

Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site

				units					
4	Supply, installation of Breathing air cylinders with isolation valve as per technical specifications:								
4.1	Breathing Air filled Cylinders with built in isolation valve conforming to the Indian Standard specification IS:3224 I capacity: 47 lts & 150 bar], as per technical specification	Nos	70	Supply of filled BA cylinders as per tech spec. and acceptance	25	On installation of all cylinders as per drawings	5	On complete assembly of cylinder system as per drawing and final acceptance	
4.2	CS Cylinder carrying trolley for two cylinders as per technical specification	Nos	100	On supply and acceptance					

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Kudankulam Nuclear Power Project	Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site
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5	Supply, fabrication and erection of various size CS Pipes and pipe fittings, flanges as per the technical specification:	Kg	50	Supply of pipes and fittings	40	Erection and testing of pipes and fittings	10	Final handing over including report submission and acceptance	
6	Supply, fabrication and erection of various size SS Pipes and pipe fittings, flanges as per the technical specification:	Kg	50	Supply of pipes and fittings	40	Erection and testing of pipes and fittings	10	Final handing over including report submission and acceptance	
7	Supply, installation of Valves:	Kg	85	Supply of valves as per specification	15	Erection and Final handing over including report submission and acceptance			
8	Supply, fabrication, erection of Ducts & Duct fittings:	Kg	35	Upon supply and acceptance	30	Fabrication of ducts and fittings	30	Completion of erection at site, aligning, inspection, testing, submission of report and acceptance by engineer	5
								Final handing over including report submission and acceptance	

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Kudankulam Nuclear Power Project

Supply, installation, testing and commissioning of ventilation & WMAP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel pipping & fittings, anti corrosive painting, instrumentation works in QESC building of KKNPP site

9	Welding of CS duct and fittings RM: Including DPT	RM	80	Completion of welding and submission of WIR	20	On DPT completion and report submission			
10	Supply, fabrication, erection of Structural steel supports for pipe and ducts:	Kg	35	Upon supply and acceptance	30	Fabrication of ducts and fittings	30	Completion of erection at site, aligning, inspection, submission of report and acceptance by engineer	5 Final handing over including report submission and acceptance
11	Welding including DPT: (Item No. 11.1 & 11.2)	ID	80	Completion of welding and submission of WIR	20	On DPT completion and report submission			
12	Supply and installation of Various types of dampers, grilles (Item No. 12.1 to 12.3)	Nos	80	Upon supply and acceptance	20	Completion of erection at site, aligning, inspection, submission of report and acceptance by engineer			

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Signature

Kudankulam Nuclear Power Project	Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site
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13	Instrumentation: Supply, handling, transportation, erection (Including all consumables), along with pipes/equipment as per manufacturer recommendations, drawings, specifications for the acceptance of NPCIL. (Item No. 13.1 & 13.3)	Nos	80	Upon supply and acceptance	20	Completion of erection at site, aligning, inspection, submission of report and acceptance by engineer/handling over			
14	Supply and installation of Anchor fasteners:								
14.1	Supply of Hilti Anchor fasteners HSL 4G M12x25	Nos	100	Supply and acceptance					
14.2	Supply of Hilti Anchor fasteners HDA M12x25	Nos	100	Supply and acceptance					
14.3	Installation of Hilti Anchor fasteners by core drilling	Nos	100	On installation and acceptance					
15	Grit blasting and anti corrosive painting of pipes, ducts and structural:	Sqm	20	Upon supply of primer and paint and acceptance of reports	75	On completion of surface preparation, primer and paint application and report acceptance	5	Final handing over including report submission and acceptance	

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Kudankulam Nuclear Power Project

Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site

16	Core cutting:	mm- mt	100	After drilling as per requirement and acceptance of reports					
17	Wall sealing:	Its	100	Sealing as per requirement and acceptance of reports					
18	Manpower for carrying out misc/commissioning assistance works not covered under the any of the works mentioned: (Item No. 18.1 to 18.3)	Shifts	100	On completion of no. of shifts performed as per requirement					
Item No	Item Description	UOM	Stage-I	Stage-II	Stage-III	Stage-IV			
							%	Description	%
	OESC WMP works								

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Kudankulam Nuclear Power Project	Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site
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19	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Laundry Equipments set at KKNPP site as per Annexue-B1 of technical specification mentioned in Section V.	Nos	80	Design, preparation of drawings, manufacture & supply of Laundry Equipments set at KKNPP site.	20	Installation, commissioning and test run of Laundry Equipments set at KKNPP site.			
20	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Liquid Effluent Transfer Pump set at KKNPP site as per Annexue-B2 of technical specification mentioned in Section V.	Nos	85	Design, preparation of drawings, manufacture & supply of Pump set at KKNPP site.	15	Installation, commissioning and test run of Pump set at KKNPP site.			

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Work Order no. 400485	NPCIL/KK-3&4/CONST/MECH/PT/2025/149
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Kudankulam Nuclear Power Project

Supply, installation, testing and commissioning of ventilation & WMP equipment, valves, dampers, grilles & associated ducting, structural supports, carbon steel & stainless steel piping & fittings, anti corrosive painting, instrumentation works in OESC building of KKNPP site

21	Design, preparation of drawings, manufacture, inspection, testing, painting, supply, transportation, installation, commissioning and guarantee of Ultrasonic cleaning tank, accessories and its filtration system along with inter connecting piping required at KKNPP site as per Annexure-B3 of technical specification mentioned in Section V.	Nos	80	Design, preparation of drawings, manufacture & supply of Ultrasonic cleaning tank, accessories and its filtration system along with inter connecting piping set at KKNPP site.	20	Installation, commissioning and test run of Ultrasonic cleaning tank, accessories and its filtration system along with inter connecting piping set at KKNPP site.				
22	Supply, commissioning, testing and guarantee of Hot water high pressure jet cleaning machine at KKNPP site as per Annexure-B4 of technical specification mentioned in Section V.	Nos	85	Supply of Hot water high pressure jet cleaning machine set at KKNPP site.	15	Installation, commissioning and test run of Hot water high pressure jet cleaning machine set at KKNPP site.				

Signature

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