



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Govt. of India Enterprise)
(CIN : U40104MH1987GOI149458)

संविदा एवं सामग्री प्रबंधन निदेशालय
नाभिकीय ऊर्जा भवन,
ए- 'O' ब्लॉक, तलमाला,
अणुशक्तिनगर, मुंबई - 400 094.
दूरभाष : - 2599 3000 / 2599 1000
फैक्स : 91-22-25580741



ISO:9001:2015 Certified

USI No. : 35300

DIRECTORATE OF CONTRACTS & MATERIALS MANAGEMENT

Nabhikiya Urja Bhavan

A-'O' Block, Ground Floor,

Anushaktinagar, Mumbai - 400 094.

Tel.: 2599 3000 / 2599 1000

Fax : 91-22-25580741

FORM No. CMM-45/Rev. 2

Station:: RAPS-3&4

Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061

Date: 12.4 FEB 2026

To
M/s. Dee Vee Projects Limited,
Maulshree Vihar, VIP Road
Infront of Hotel Babylon International
Raipur (Chhattisgarh)-492006

Kind Attn.: Shri Jay Prakash Sinha, AGM(T&E)
Email id: tender@dvplindia.in, info@dvplindia.in

Dear Sirs,

Your bid contained in the Tender No. CMM/OPS/06-35-9-3581 Dated 23.03.2024 to supply the under mentioned Stores is accepted for and on behalf of the Nuclear Power Corporation of India Ltd., subject to the General Conditions of Contract for Engineering, Procurement and Construction Contracts, detailed in the Form No. GCC/EPC-3/Rev.4 entitled "General Conditions of Contract for Engineering, Procurement and Construction Contracts" applicable to the contracts for indigenous stores placed by the Nuclear Power Corporation of India Ltd., (A Government of India Enterprise) and subject to the terms and conditions contained in the Purchase Order, to the extent of the quantity and at the price specified below:

Sl. No.	Description	Quantity	Unit	Rate	Value
1.0	Design, engineering, manufacture, quality assurance, testing, packing, forwarding, transportation, supply and delivery of items for Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 as per Technical Specification sent under cover of Tender No. CMM/OPS/06-35-9-3581 and further described in the following :				
				As Per Section - 'A'	
	SECTION-A : Items and Price Schedule. SECTION-B : Commercial Terms and Conditions: Basis of price, Statutory levies, Delivery schedule, Terms of Payment, etc. SECTION-C : Technical Specifications SECTION-D : Module wise Contractual Milestones for AAFR SECTION-E : List of suggested Subcontractors/Vendors. Annexure - I : Break-up Price Schedule Annexure - II : Price Adjustment Formula for Supply. Appendix-I : Reference Particulars. Annexure-A : Format for 'Advance Bank Guarantee'. Annexure-B : Format for 'Performance Security Bond'. Annexure-C : Format for 'Retention Bank Guarantee'. Annexure-F : Format for 'Certificate towards Goods and Services Tax & TDS'. Annexure-J : Format for 'Operational Acceptance certificate'. Annexure-K : Format for 'Latent Defect Liability Bank Guarantee'				

GST No.: (For NPCIL HQ, Mumbai - 27AAACN3154F1ZQ)
(For RAPS-3&4, Rajasthan 08AAACN3154F1ZQ)

पंजीकृत कार्यालय : 16 वी मंजिल, सेंटर-1, वर्ल्ड ट्रेड सेंटर, कफ परेड, कुलाबा, मुंबई - 400 005
Regd. Office : 16th Floor, Center-1, World Trade Center, Cuffe Parade, Colaba, Mumbai - 400 005
visit us at : www.npcil.nic.in

Price Basis : As per Section-B

Delivery Period : As per Section-B.

Place of Delivery : As per Section-B.

Conditions of Contract contained in Section-B of the tender document and this Purchase Order shall be the sole repository of the Contract.

Please acknowledge receipt immediately in the form sent herewith

Yours faithfully,



24/02/26

(V.K. Trivedi)

Associate Director (C&MM)

For & on behalf of the NPCIL

The Purchaser

Important:

1. Bills should be submitted in **triplicate** to the Paying Authority at the address as indicated in the Purchase Order alongwith all relevant Documents as enlisted under Clause 5.9 of GCC/EPC-3/Rev.4. and or as specified in this Purchase Order.

Delivery Instructions:

1. Stores are to be delivered at the place of delivery stipulated in this Purchase Order on any working day between 10.30 a.m. and 3.00 p.m.
2. No Stores shall be accepted by the Stores unless Delivery Challan giving full details of the Purchase Order No. and Date, Description of Stores, Quantity, Make, Unit and Gross Weight or Net Weight is submitted with the Stores. In absence of any of the above, the Storekeeper shall refuse to take delivery of the Stores.

SECTION A - ITEMS AND PRICE SCHEDULE

Sr. No.	Description	Total Price in INR
A1 to A6	Design, engineering, manufacture, quality assurance, testing, packing, forwarding, transportation, supply and delivery of items for Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 as per Technical Specification sent under cover of Tender No. CMM/OPS/06-35-9-3581	
A1	Module -M2 (LWS & CA systems)	
1.1	Total Price of Module M2-E-A (Supply of Pipe & Pipe Fitting for LWS & CA Systems)	
1.2	Total Price of Module M2-E-B (Supply of LWS & CA System Valves)	
1.3	Total Price of Module M2-E-C (Supply of LWS & CA System Equipment)	
1.4	Total Price of Module M2-E-D (Supply of Structural Material for Support & Platform for LWS & CA Systems)	
1.5	Total Price of Module M2-E-E (Schedule of Lumpsum Price (Supply Portion))	
1.6	Total Price of Module M2-E-F (Supply of Mandatory Spares for LWS & CA System Equipment)	
1.7	Total Price of Module M2-E-G (Supply of Mandatory Spares for LWS & CA System Valves)	
1.8	Total Price of Module M2-E-J (Commissioning Spares for LWS & CA Systems)	
A2	Module -M3 (HVAC)	1,06,69,86,049.00
2.1	Total Price of Module M3-E-A (Air Washer Plant)	
2.2	Total Price of Module M3-E-B (AHUS / Split Type Air Conditioners)	
2.3	Total Price of Module M3-E-C (Centrifugal, Axial, Propeller & Roof Extractor Fans)	
2.4	Total Price of Module M3-E-D (Filter Banks includes Filter Frame ,Filters, Nuts , Bolts, Gaskets , all other accessories, Painting etc)	
2.5	Total Price of Module M3-E-E (Louvers)	
2.6	Total Price of Module M3-E-F (CS Plenum, CS Ducts, CS Duct Fittings, GSS Plenum, GSS Ducts & GSS Duct Fittings etc)	
2.7	Total Price of Module M3-E-G (Dampers, Grilles & Valves)	
2.8	Total Price of Module M3-E-H (Instrumentation Part in Ventilation Package)	
2.9	Total Price of Module M3-E-I (Mandatory Spares)	
A3	Module M4 (Electrical Module)	
3.1	Total Price of Module M4- Supply	
3.2	Total Price of Module M4 -Special Tests	
A4	Module M5 (C&I)	
4.1	Total Price of Module-M5 - Supply	
4.2	Total Price of Module-M5 - Special Type Test	
A5	Module M6 (Cranes, Hoists & Yoke)	
5.1	Total Price of Module-M6 - E A- Supply of Cranes, Hoists & Yoke	
5.2	Total Price of Module-M6 - E C- Supply of Spares of Cranes & Hoist	
A6	Module M7 (Fuel Handling Equipment)	
6.1	Total Price of Module-M7 -Supply Portion (Fuel Handling Equipment)	
Total Rs.		1,06,69,86,049.00
(Rupees One Hundred Six Crores Sixty Nine Lakhs Eighty Six Thousand Forty Nine Only).		

Note:- Module wise apportioned detailed Price Schedule (Annexure-I) for this Purchase Order shall be issued later based on the Tender Terms & Conditions.


 (V.K.Trivedi)
 Associate Director (C&MM)
 For and on behalf of NPCIL
 (The Purchaser)

SECTION-B
COMMERCIAL TERMS AND CONDITIONS
BASIS OF PRICE, STATUTORY LEVIES, DELIVERY SCHEDULE,
TERMS OF PAYMENT ETC.

1.0 PRICE BASIS

- 1.1 Prices of all supply items and spares stipulated in Section- A of the Purchase Order are on **DAP, Rajasthan Atomic Power Station-3&4, Site-INCOTERM-2010 basis** inclusive of Packing and Forwarding charges, Freight and Insurance charges and Goods & Service Tax (GST) & all other indirect Taxes.
- 1.2 The Contractor shall be solely responsible for safe delivery of the items at Rajasthan Atomic Power Station-3&4, Rajasthan.
- 1.3 The Price of supply items indicated at Sr. No. 1.1 to 1.5, 2.1 to 2.8, 3.1, 4.1, 5.1 & 6.1 of Section-A are subject to Price Adjustment as per Clause No. 1.7 of Section-B.
- 1.4 The Price of Mandatory Spares, Commissioning Spares, Special Tests, Special Type Test indicated in Sr. No. 1.6, 1.7, 1.8, 2.9, 3.2, 4.2 & 5.2 of Section-A shall remain firm throughout the currency of the contract.

1.5 PACKING & FORWARDING CHARGES:-

- 1.5.1 Prices stipulated in Section- A of this purchase order are inclusive of Packing and Forwarding (P&F) charges.

1.6 FREIGHT & TRANSIT INSURANCE CHARGES

- 1.6.1 The contractor shall indicate the Transportation charges & Transit Insurance charges, applicable taxes and duties separately while billing.
- 1.6.2 Items shall be dispatched to RAPS-3&4 through reputed transporter without any transshipment enroute.
- 1.6.3 Transit Insurance shall be arranged by the contractor as per Clause no. 18.0 of this purchase order.
- 1.6.4 The contractor shall solely remain responsible for safe delivery of items at the Purchaser's site.

1.7 PRICE ADJUSTMENT:

- 1.7.1 Only the following components of the contract price will be subject to Price adjustment.



- 1.7.1.1 Basic Price (inclusive of P&F Charges) of indigenous plant and equipment excluding spares and value of free issue materials (if any) to be supplied by the Purchaser. The price adjustment will be allowed up-to a ceiling of +/- twenty percent (20%) of the total Basic Price (inclusive of P&F Charges) component in INR. Price adjustment of individual items will be allowed to such an extent that net price adjustment of all the items in INR does not exceed this 20% ceiling and shall be payable/ recoverable accordingly.
- 1.7.2 No adjustment of prices is allowed on spares, tools, tackles and accessories. Engineering charges, testing charges, analysis charges etc. shown/payable separately shall also not be eligible for Price Adjustment
- 1.7.3 Where advance or stage payment are made, No Price Adjustment shall be admissible on such portion of price. Accordingly, Price Adjustment shall be paid only on the remaining portion of the price.
- 1.7.4 Price Adjustment formula shall be as per Annexure - II attached herewith.
- 2.0 STATUTORY LEVIES:**
- 2.1 GOODS AND SERVICES TAX (GST)**
- 2.1.1 The prices stipulated for items at Section-A of Purchase order are inclusive of Goods and Services Tax (GST) and any other Indian Indirect Taxes payable in India. The current applicable rate of GST is 18%.
- 2.1.2 The contractor shall submit a certificate as per format Annexure-'F' along with their Tax Invoice.
- 2.1.3 Contractor's GSTIN is 08AAECD4619B1Z0.
- 2.1.4 Contractor shall be responsible for payment of all Indian Taxes, Duties including IGST on imports, including materials transferred to NPCIL on High Seas Sales basis, if any, and all other statutory levies as applicable in connection with supply of the Stores.
- 2.1.5 GST and all other indirect taxes, duties are also not reimbursable separately on Price Adjustment for price portion, as base price is inclusive of all Taxes and Duties as applicable.
- 2.1.6 In case, there is no increase in GST rate within Contractual Delivery Date, GST as applicable or quoted, whichever will be lower will be reimbursed by the Purchaser limiting to the rate prevailing within the contractual delivery schedule.



- 2.1.7 In case of increase in existing taxes/ duties and/or introduction of any other new indirect taxes / cess, if levied by Government during the contractual delivery period, the incremental rate of existing taxes/levies and/or any other new indirect taxes / cess; shall be reimbursed/ paid by the Purchaser upon verification of the documentary evidence submitted and its acceptance by Purchaser. The payment/ reimbursement of statutory variations in the rates of tax and/or of new tax, duty or levy imposed under statute or law in India as above would be restricted only to direct transactions between the Contractor and the Purchaser. This provision shall not apply to changes in Personal Income tax, Corporate Income tax or to changes in non-Indian Taxes.
- 2.1.8 For extension in the contractual delivery period for the reasons attributable to the Purchaser and/or Force Majeure, increase in existing taxes & duties, if any, and new tax component introduced in the extended period shall be reimbursed to the Contractor subject to the submissions of necessary documentary evidence. No increase / new tax shall be payable during the delay period due to reasons attributable to the Contractor.
- 2.1.9 The provisions of The Central Goods and Services Tax Act 2017(CGST), The Integrated Goods and Services Tax Act 2017 (IGST), The relevant SGST act of the State Government, The Union Territories Goods and Services Tax Act 2017 (UTGST) and The Goods and Services (Compensation to States) Act 2017 and their Rules as being enacted and amended from time to time are applicable to this Contract. Accordingly the Contractor has confirmed that all input tax credits and the exemptions available therein are passed on to the Purchaser.
- 2.1.10 If there is an upward revision in the rate of GST within CDD due to change in classification given by the Contractor in its bid, such upward revision shall not be entertained as per clause No. 2.1.8 and 2.1.9 and the payment towards GST will be restricted to the GST as paid by the Contractor or as per the Purchase Order, whichever is lower.
- 2.1.11 The Purchaser shall, at the time of its payments due to the Contractor, withhold the necessary tax at source at such rate if required under the legislation unless and to the extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.
- 2.1.12 In case of such deduction as mentioned above, the Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by relevant law to enable the Contractor to file the same with the Government Authority as a proof of payment of such taxes.
- 2.1.13 The Purchaser shall not be liable to pay any increase in GST that has come into force after expiry of the contractual delivery period if the delivery is delayed beyond the contractual delivery period for reasons attributable to the Contractor.



- 2.1.14 While claiming the GST, the Contractor is required to adhere to the provisions available therein. The Contractor shall certify that they have/ will populate the details of GST paid by them in the GST portal, within due date as notified by GST Council, only upon which reimbursement of GST would be considered.
- 2.1.15 Please note that in case any refund/credit of GST if granted to Contractor by GST Authorities in respect of stores supplied under the contract, Contractor will pass on the credit to the Purchaser immediately along with a certificate from Contractor's Director/Manager/Proprietor/Accountant that the credit so passed on relates to the GST originally paid for the stores supplied under the contract.
- 2.1.16 In case any additional ITC benefit is granted to the bidder by the GST Authority after bid submission, the same shall be immediately passed on to the Purchaser and such value shall be indicated in the respective Annexure-F submitted along with the Tax Invoices for supply of stores.
- 2.1.17 In case of all materials identified by the Contractor and Purchaser to be dispatched directly from the sub-vendor's work to Purchaser's site, the Contractor shall ensure that his sub-vendors raise Tax Invoices as per the provisions of GST Law, "Billed to the Supplier and Shipped" to the Purchaser's site. The Contractor shall further ensure that he raises his corresponding Tax Invoices in the name of Purchaser during transit of the materials before the delivery of materials is taken by Purchaser.
- 2.1.18 The implications of GST on return of goods will be as per the provisions of the relevant GST Laws.
- 2.1.19 HSN code of each item shall be furnished alongwith break-up price of items.

2.2 DIRECT TAXES – TAX DEDUCTION AT SOURCE

- 2.2.1. The Purchaser shall have the right to withhold taxes on income, excess profits, royalty and other taxes from payments due to Contractor under this Contract to the extent that such withholding may be required by the government of India or any relevant authority thereof or by the government of any other country, and payment by the Purchaser to the respective governmental office of the amount of money so withheld will relieve the Purchaser from any further obligation to Contractor with respect to the amount so withheld.
- 2.2.2. The Purchaser shall, at the time of its payments due to the Contractor, withhold the necessary taxes at such rate as is required by any Government Authority, unless and to the extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.



- 2.2.3. The Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by the relevant law to enable the Contractor to file the same with the Government Authority as a proof of payment of such taxes.
- 2.2.4. All taxes levied on Contractor's corporate income or profits shall be for the account of Contractor and shall not be reimbursed by the Purchaser. Contractor shall also be responsible for payment of income taxes of its personnel levied in India or elsewhere.

2.3 INDIRECT TAX -TAX DEDUCTION AT SOURCE

- 2.3.1 The Purchaser shall, at the time of its payments due to the Contractor, withhold the necessary tax at source at such rate if required under the legislation unless and to the extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.
- 2.3.2 In case of such deductions as mentioned above, the Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by the relevant law to enable the Contractor to file the same with the Government Authority as a proof of payment of such taxes

3.0 SUBMISSION OF DRAWINGS / PROCEDURES / DOCUMENTS

- 3.1 The contractor shall prepare and submit all drawings, documents, Quality Assurance Plans etc. as specified in the tender specification for approval to:

Additional Chief Engineer, Procu. (N&MS)
Nuclear Power Corporation of India Limited,
D-1-10, Nabhikiya Urja Bhavan,
Anushaktinagar, Mumbai – 400094, Maharashtra.

With a copy to: Additional General Manager (C&MM), Directorate of Contracts & Materials Management, Nuclear Power Corporation of India Limited, Block No. D-0, Nabhikiya Urja Bhavan, Anushaktinagar, Mumbai-400094, Maharashtra.

Please note that documents and/or procedures approved by the Purchaser's Engineer will form part of this contract.

- 3.2 All correspondence of technical nature shall also be addressed to the designated official as mentioned in Clause No. 3.1 above.



4.0 QUALITY SURVEILLANCE

- 4.1 It is the responsibility of the Contractor to ensure compliance with the quality assurance requirement stipulated in the Tender document. For this purpose, Contractor shall have appropriate quality assurance organisation and have personnel with requisite qualification to carry out inspection /quality surveillance.
- 4.2 All works covered by this purchase order shall be subject to Quality Surveillance by Executive Director (QA) or his authorised representative. The Contractor shall provide all required assistance for this purpose. Purchaser reserves the right to carryout auditing of the activities of the contractor/subcontractors at their works/premises.
- 4.3 Where the consignments are despatched / delivered after clearance by the Purchaser Quality Surveillance Engineer/ his authorised representative / inspection agency, a copy of the Shipping Release issued by him shall, invariably, be enclosed along with the delivery challan and other shipping documents (LR, RR etc.), accompanying the consignment.
- 4.4 The equipment / stores shall be despatched only after the same is cleared by the Purchaser/his representative nominated for this purpose & shipping release as per the prescribed format is obtained in writing.
- 4.5 Contact details of Executive Director (QA): Phone №: 022-25995030 & Email ID: edqa@npcil.co.in

5.0 CONTRACTUAL DELIVERY SCHEDULE

- 5.1 The complete scope covering design, engineering, manufacture, quality assurance, testing, packing, forwarding, transportation, supply, civil works, loading /unloading, storage and handling at site, erection, commissioning, testing and handing over of systems of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 shall be completed **within 34 months from the date of issue of purchase order. i.e. on or before**

24 DEC 2028

- 5.2 The intermediate milestones for each module given in Section-D – Module wise Contractual Milestones for AAFR, shall be met by the Contractor for supply of items to site. These milestones shall be reckoned for GCC Clause no.4.2.3 with respect to intermediate contractual milestones.

- 5.2.1 The Milestone date(s) for supply items of Additional Away from Reactor Spent Fuel Storage Facility for RAPS-3&4 is given in months from the award of Purchase order. Liquidated Damages as per GCC Clause No. 6.2.1 shall be levied on failing to meet contractual milestone date(s) of respective modules. These contractual milestones shall be used for price adjustment as per Clause no. 1.7 of the Purchase order.



5.2.2 Duration given against each milestone is the maximum time allowed to complete the supplies of respective milestone, Contractor shall plan and supply all items listed in the milestones (i.e. as detailed in Section-D) as well as other items required for unhindered progress of site work.

- 5.3 Date of completion of the facilities stipulated in the contract shall be the essence of the Contract and facilities must be completed by the dates specified therein. Unless otherwise agreed, the Contract shall come into force from the date of issue of Purchase order and accordingly contractual delivery period shall be reckoned from that date for the purpose of fixing Contractual Delivery Date (CDD) as the case may be, and incorporating the same in the contract.
- 5.4 In case the Contractor fails to apply and secure extension of contractual delivery schedule indicated in Sr. No.5.1 above, before operational acceptance/handling over the facilities, acceptance of facility by the Purchaser in no way prejudice the right of the Purchaser to levy liquidated damages for delays nor will it entitle contractor for payment of additional statutory levies that comes into force after expiry of contractual delivery schedule.

6.0 DEFECT LIABILITY PERIOD

6.1 Items/Equipment/System

The defect liability period shall be 18 months from the date of completion of facilities (satisfactory erection and pre-commissioning) and handing over of the facilities for commissioning to the Purchaser or 12 months from the date of operational acceptance of the facilities (commissioning), whichever occurs first, for Additional Away from Reactor (AAFR) Facility.

6.2 Mandatory Spares:-

The defect liability period shall be 18 months from the date of receipt of items (last consignment) at site or 12 months from the date of acceptance (last consignment), whichever occurs first.

7.0 PERFORMANCE SECURITY BOND (SECURITY DEPOSIT CUM PERFORMANCE BOND)

- 7.1 The contractor shall furnish a Performance Security Bond, as detailed below, for 10% of the total contract value in respective contract currencies, covering the total scope of work i.e, Supply, Erection, Commissioning & Civil Works under **Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works** in the form of a bank guarantee from scheduled commercial bank (except co-operative bank) as per prescribed format within 30 days from the date of issue of this purchase order and it shall be valid till



satisfactory completion of defect liability period covering warranty/guarantee of the equipment/facilities supplied by the Contractor and its sub-contractors plus a grace period of 3 Months.

Item Description : Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS-3&4

Module Description	Performance Security Bond Value and Validity
Module-1 :Civil Works	₹ 27,85,75,076/- Valid upto 24 JUN 2030 Plus Three Months Grace Period
Module-2 : Light Water Systems & Compressed Air System (LWS&CA)	
Module-3 :Heating, Ventilation & Air Conditioning (HVAC)	
Module-4 :Electrical Systems	
Module M5: Control & Instrumentation	
Module M6 : Cranes, Hoists & Yoke	
Module M7 : Fuel Handling Equipment	

- 7.2 The Performance Security Bond Bank Guarantee, shall be released on successful completion of defect liability period including extension thereof, if any, and submission of Bank Guarantee for Latent Defect Security.

8.0 LATENT DEFECTS LIABILITY: -

- 8.1 The Contractor shall submit a Bank Guarantee for 1% (One Percent) of the total contract value under **PO No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and PO No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works**, as security against Latent Defect. This Bank Guarantee shall be valid for a period of 5 (Five) years (Plus Claim Period of Three Months) from the date of successful completion of the Defect Liability Period as per the contract.

- 8.2 At the end of Defects Liability Period, the Contractor's liability ceases except for latent defects. The Contractor's liability for latent defects warranty for the plant and equipment including spares shall be limited to a period of five (5) years from the end of Defects Liability Period of the respective equipment including spares in accordance with Clause 6.4.5 of the General Conditions of Contract.

9.0 PACKING & TRANSPORTATION

- 9.1 The Items covered under this Purchase Order shall be packed as per the procedure indicated in Tender Specification.



- 9.2 The items shall be packed securely to avoid any damage to the consignment in handling and transit.
- 9.3 The Stores shall be despatched to the Consignee / Place of Delivery through a reputed transport contractor without any transshipment en-route.

10.0 CONSIGNEE / PLACE OF DELIVERY

- 10.1 All items covered under this purchase order shall be despatched to consignee on DAP, RAPS-3&4 Site basis- Incoterms 2010, without any transshipment enroute to:

Manager (Materials),
Rajasthan Atomic Power Station - 3&4,
PO Anushakti, via Kota,
Rajasthan – 323 303.

- 10.2 Purchaser's GSTIN is 08AAACN3154F1ZQ.
- 10.3 The Contractor shall be responsible for generation of e-way bill and maintaining its validity till the goods are delivered to the Consignee as per terms and conditions of PO. Guidelines / Procedure of GST Council / Govt. of India shall be complied as issued from time to time. The Contractor shall also be responsible for maintaining the validity of the E-way Bill, till the material reaches the Place of Delivery

11.0 UNLOADING AT SITE

- 11.1 Unloading at site shall be done by the contractor at his own cost. However, contractor shall intimate the consignee the following details by email / fax in advance:
- (i) Carrier's Name
 - (ii) Truck No.
 - (iii) Lorry Receipt No. and date.
 - (iv) Approx. time of arrival of truck at site.
 - (v) No. of packages and dimensions and weight of each package etc.

12.0 TERMS OF PAYMENT

- 12.1 For Sr.Nos.1.1 to 1.5, 2.1 to 2.8, 3.1, 4.1, 5.1 and 6.1 of Section –A.**

- a) 10% of Basic Price (inclusive of P&F charges) as *Interest bearing advance* shall be paid against submission of the following documents:
- i) *Invoice of contractor (1 original and 2 copies).*
 - ii) *Unconditional order acceptance.*



iii) A Bank Guarantee for equivalent amount valid till the Completion of Contract plus a claim period of three months.

iv) Performance Security Bond as per clause 7.0 above.

- b) 60% of Basic Price (inclusive of P&F charges) along with 100% of Taxes & Duties as applicable, on pro-rata basis shall be paid, upon dispatch to site and against submission of the following documents:

i) Tax Invoice with advance stamped receipt (1 original + 2 copies).

ii) Proof of despatch i.e. Photocopy of "Consignee Copy of LR" duly certified and signed in ink by the Contractor with requisite office seal.

iii) Shipping Release in original issued by the NPCIL Inspection Authority duly signed in ink.

iv) GST Declaration Form Annexure-F.

v) Copy of Transit Insurance Policy as per Clause no. 18.0 of Purchase order.

- c) 20% of Basic Price (inclusive of P&F charges) along with 100% Freight & Insurance charges and 100% Price Adjustment if any, shall be paid on receipt and acceptance of items at site on pro-rata basis against physical verification and certification at site and on submission of the following documents:

i) Tax Invoice (1 original + 2 copies).

ii) Proof of receipt i.e. Receipted Delivery Challan / Receipted LR in original issued by the Consignee duly signed in ink with requisite office seal.

iii) A Certificate from Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative against physical verification of items as per packing list / delivery challan indicating that all documentation regarding receipt and acceptance formalities are completed and payment as per Clause No. 12.1(c) of the PO can be released to the contractor.

iv) Authentic copies of indices (signed & stamped by contractor) pertaining to applicable end dates along with each despatch wise Tax Invoice for arriving at adjusted basic price component.

v) GST Declaration Form Annexure-F



- (d) 7.5% of Basic Price (inclusive of P&F charges) shall be paid on handing over of the facilities to the Purchaser and issue and acceptance of Operational Acceptance certificate as per Annexure-J by the Purchaser for AAFR Facility and against submission of following documents:

i) *Tax Invoice (1 original + 2 copies).*

ii) *Operational Acceptance Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative for AAFR Facility. The certificate shall also indicate that payment as per clause no. 12.1(d) can be released to the Contractor.*

- (e) 2.5% of Basic Price (inclusive of P&F charges) supply price shall be paid on completion of Material Accounting and on submission of following documents:

i) *Tax Invoice (1 original + 2 copies).*

ii) *A certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative stating that the material accounting have been satisfactorily completed. The certificate shall also indicate that payment as per clause no. 12.1(e) can be released to the Contractor.*

- 12.2 In the event of delay in attaining the events pertaining to sub-clause 12.1 (d) and 12.1 (e) above for reasons attributable to the Purchaser, the corresponding payments can be released to the Contractor on expiry of Original CDD against Retention Bank Guarantee of equivalent value as per format given in Annexure-C, initially valid for 6 months and subsequently extendable till completion of the corresponding events subject to completion of all supply. This Retention Bank Guarantee will be used for recovery of LD pursuant to GCC clause no. 6.2 (Delay in Supply) as applicable, in addition to failure to fulfil the obligations of the contract by the Contractor.

On submission of this Retention Bank Guarantee, it shall be deemed and construed that the contractor has authorized the Purchaser to encash the Retention Bank Guarantee, for recovery of any amount whatsoever it may be, in general and for recovery of Liquidated Damages (LD) in particular due to failure on the part of contractor to fulfil its part of obligation. The decision of NPCIL, in this regard, shall be final and binding.

12.3 Testing/ Analysis Charges (for Sr.Nos. 3.2 and 4.2 of Section-A)

100% of Testing/ Analysis charges along with taxes and duties as applicable shall be paid on pro-rata basis on successful completion of corresponding Testing/Analysis and on submission of following documents:



i) Tax Invoice (1 original + 2 copies).

ii) A certificate issued by Additional Chief Engineer, Proc.(N&MS), HQ, Mumbai or his authorised representative stating that items have been tested and accepted at site & payment as per Clause no. 12.3 can be released to the Contractor.

12.4 Mandatory / Recommended Spares (For Sr.Nos.1.6, 1.7, 1.8, 2.9 and 5.2 of Section-A)

a) 75% of Basic Price (inclusive of P&F Charges) along with 100% of Taxes & Duties as applicable shall be paid on pro-rata basis upon dispatch of all Spares to site and on submission of following documents:

i) Tax Invoice (1 original + 2 copies).

ii) Proof of despatch i.e. Photocopy of "Consignee Copy of LR" duly certified and signed in ink by the Contractor with requisite office seal.

iii) Shipping Release in original issued by the Inspection Authority duly signed in ink.

iv) GST Declaration Form Annexure-F.

v) Copy of Transit Insurance Policy as per Clause no. 18.0 of Purchase order.

b) 25% of Basic Price (inclusive of P&F Charges) and 100% of Freight & Insurance charges shall be paid on pro- rata basis upon receipt and acceptance of spares at site and on submission of following documents:

i) Invoice of the contractor (1 original + 2 copies).

ii) Proof of receipt i.e. Receipted Delivery Challan / Receipted LR in original issued by the consignee duly signed in ink with requisite office seal.

iii) A certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative stating that items have been received and accepted at site payment as per Clause no. 12.4(b) can be released to the Contractor.

Note : *a) According to the above Payment Terms, advance payments will be interest-bearing at the applicable rate as notified by NPCIL on the first of April each year. The rate of interest for the current financial year, FY 2024-25, is 10.14% p.a.*

b) Upon completion of the activity/milestone, payment will be released after adjusting advance payments and interest accrued.



c) Unless otherwise stipulated, interest shall be calculated on advances from the date of releases of until the preceding day of recovery from the bills.

- 12.5 In case the Contractor fails to execute the contract due to reasons not attributable to the Purchaser and which do not fall under Force Majeure as per the tender conditions, the outstanding advance payments made shall be recovered, along with taxes and duties and the interest at the rate notified later. This shall be without prejudice to the other remedies available to the Purchaser under the Terms and Conditions of the Contract.

13.0 TRAINING

- 13.1 Training needs for NPCIL personnel described in various technical specifications shall be binding on the contractor. All the expenses towards training programmes held shall be borne by the contractor. However, travelling expenses, boarding and lodging for NPCIL personnel imparted training shall be borne by NPCIL.

14.0 MODE OF PAYMENT

- 14.1 The payment in Indian Rupees, as applicable, will be released directly by the Purchaser's Paying Authority to the Contractor as per the terms of payment against submission of necessary documents. To facilitate payment through NEFT/RTGS, Contractor shall submit their bank details duly authenticated by the concerned bank on or before submission of the first invoice/bill. Subsequently, in case of any change/revision these details shall again need to be duly authenticated by the respective bank.

15.0 PAYING AUTHORITY

- 15.1 All Tax Invoices/bills shall be raised on "bill to ship to" basis. The billing address and shipping address shall be "Consignee" with Consignee's GST No. However, all Tax Invoices/bills and other documents for payment shall be submitted to paying authority as indicated below:-

Head (F&A), C&MM
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Limited,
E - '0' Block, Ground Floor,
Nabhikiya Urja Bhavan,
Anushakti Nagar,
Mumbai - 400 094.

16.0 SUBMISSION OF BANK GUARANTEES

- 16.1 All Bank Guarantees strictly in conformity with the formats enclosed herewith shall be got executed from Schedule Commercial Bank in India (except Co-



operative Bank) and shall be governed by Indian Laws and subject to jurisdiction of Courts in Mumbai, India. All Bank Guarantees shall be submitted directly by the concerned bank under their seal and cover for acceptance to:

Additional General Manager (C&MM),
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Limited,
OPS Section, Nabhikiya Urja Bhavan, Block No.D-0,
Anushaktinagar, Mumbai – 400094, Maharashtra.

16.2 Where the Contractor fails to maintain the Contractual Delivery Date, the Contractor shall extend the validity of Bank Guarantee(s) suitably to cover the extended / expected delivery date, failing which, the Purchaser shall have the right to invoke the Bank Guarantee(s) without prejudice to the terms and conditions of the Contract.

16.3 Following are the Purchaser's Bank Details for submitting Bank Guarantee through SFMS (Structured Financial Messaging System) mode:

Bank : State Bank of India, Overseas Branch,
Cuffe Parade, World Trade Centre,
Mumbai – 400 005.

BIC : SBININBB103

Branch Code : 04791

Contact Person : Chief Manager,
International Banking.

Phone : 022 – 22181321, 022 – 22179781

16.4 Reduction in values of Bank Guarantees furnished towards advance Payments mentioned under clause no.12.0 above shall occur in accordance with clause 3.4.1 (d) of GCC/EPC-3/R-4 based upon request from the Contractor.

17.0 LIQUIDATED DAMAGES

17.1 In the event delay in completion of facilities as detailed in clause no. 5.0, Liquidated Damages will be levied as per GCC clause no 6.2, at the rate of 0.25% per week or part thereof subject to maximum of 5% of the total Contract value (i.e. **PO No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and PO No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works**).

Contractual milestone dates for each Module are provided in Section-D and shall be strictly met by the contractor. These milestones shall be reckoned for GCC



Clause No 4.2.3 with respect to contractual milestones. Liquidated Damage as per GCC Cl. No. 6.2.1 shall be levied upon failing to meet these contractual milestone date(s) of each Modules. The contractual milestones given in Section-D shall form part of Purchase order.

18.0 INSURANCE COVER

18.1 CARGO INSURANCE (Transit Insurance):

18.1.1 The Contractor shall, take out and maintain in effect the Cargo Insurance based on reinstatement value during the performance of the purchase order and the Purchaser shall be named as co-insured under all insurance policies. All Insurer's rights of subrogation against co-insured shall be waived. The identity of the Insurers and the form of policies shall be subject to the approval of the Purchaser. The Purchaser shall be named as LOSS PAYEE.

18.1.2 During ocean transit and inland transportation, covering loss or damage as per ICC-Clause-'A' with war/SRCC provision, for full replacement value of the consignment/cargo from the contractor's or subcontractor's works or stores until arrival and unloading at Purchaser's site.

19.0 SUB-CONTRACT

19.1 The Contractor shall not Sub-Contract any or all of the work without a written consent from Purchaser. The Contractor shall solely be responsible to the Purchaser for all work including that of the sub-contractor, if allowed by the Purchaser.

19.2 A list of suggested vendors / sub-vendors / sub-contractors shall be as per Section-E to this purchase order.

19.3 Further details regarding approval of Sub-Contractor shall be as per Clause No. 7 of Special Conditions of Contract (SCC)

19.4 The contractor shall furnish the values of procurement done through the MSE sub- contractors including MSEs owned by SC/ST entrepreneurs for each financial year so that NPCIL can include the same in Annual Procurement Goal for each financial year as per notification 203 dated 26/03/2012 of Ministry of MSME.

20.0 SECRECY CLAUSE

20.1 The purchase order shall be governed by Confidentiality clause no. 1.10 of General Conditions of Contract, i.e GCC/EPC-3/Rev.4.



- 20.2 The design, drawings, specifications and other details furnished to the Contractor by the Purchaser towards manufacture of equipment are to be treated as secret and shall not be divulged to any third party. The Contractor, therefore, bind himself, his successor, his executors, administrators, employees and the permitted assignees or such other persons, agents directly or indirectly concerned with the works / supply to the secret nature of design, drawings, specifications etc.

21.0 GOVERNING LAW AND SETTLEMENT OF DISPUTE

- 21.1 The Contract shall be governed by the law of India.
- 21.2 Settlement of dispute shall be governed as per Clause no.22 of GCC/EPC-3/Rev.4.

22.0 CHANGE IN SCOPE/ NEW ITEM

- 22.1 After issue of Purchase Order, if any change in the boundary conditions results in requirement of additional items/additional quantities and/or extra work at site, the same shall fall under the scope of the contractor. The pricing for change in scope shall be, in accordance with Clause No.19 (Change in the Facilities) of GCC/EPC-3/Rev.4.

23.0 PROGRESS REPORTING

- 23.1 Contractor shall submit the format of weekly and monthly progress report immediately after placement of PO and get it approved from Project Manager.
- 23.2 Monthly Progress report shall contain but not limited to (a) Executive summary and major highlight of activity (b) Progress of activity performed (c) Percentage completion achieved compared with the planned percentage completion for each activity (d) if any activity is behind the program, giving comments and likely consequences and stating the corrective action being taken (e) Activity planned for next progress report period. (f) Financial and physical progress of project and (g) Any hindrance for progress (h) Updated activity network in Primavera software, MS project or any other project monitoring software etc.
- 23.3 The Contractor shall also submit signed copy of the monthly Progress Report in an acceptable format to the authorities mentioned below:



i) Technical Services Superintendent (TSS), Rajasthan Atomic Power Station-3&4 PO Anushakti, via Kota, Rajasthan – 323 303.	ii) Additional Chief Engineer, Procu. (N&MS), Nuclear Power Corporation of India Limited, D-1-10, Nabhikiya Urja Bhavan, Anushaktinagar, Mumbai – 400094, Maharashtra.
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for monitoring the progress of the work with copy to Additional General Manager,,C&MM, Nuclear Power Corporation of India Ltd., D - '0' Block, Ground Floor, Nabhikiya Urja Bhavan, Anushaktinagar, Mumbai-400094 for information.

- 23.4 The Contractor is required to maintain two Hindrance Registers each for Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061 and Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062 for :
- Design & engineering (engineering drawings & documents), procurement and supply related issues (Given in GCC) in the office of the designated engineer at PURCHASER's Head Office and
 - Site work related issues including site front release & construction drawing release in the office of the designated engineer at site separately immediately after receipt of Purchase Order from PURCHASER. As a pro-active approach site front release & construction drawing release shall be demanded by the contractor at least 2 months in advance before the actually committed contractual release date of any particular area.

In the event of start of a hindrance, the Contractor shall enter it in the hindrance register and get it endorsed by the representative of PURCHASER. Immediately after end of the hindrance, the contractor shall record the closure of the hindrance and get it endorsed by the respective PURCHASER representative. Immediately upon resolution of the hindrance, the contractor shall work out the delay and post it in the hindrance register and get it endorsed by the Project manager/ EIC/ Authorized representative of Purchaser. Hindrances not having impact on the critical path/not endorsed by the purchaser's authority shall not be considered for delay analysis and extension of time.

On occurrence of a hindrance, which the contractor feels will have an impact on the schedule of contract execution, the contractor shall immediately communicate to the Project manager/EIC/Authorized representative of Purchaser, through a formal letter and post the hindrance with dates and obtain the certification of happening from the Project manager/ EIC/ Authorized representative of Purchaser on the hindrance register itself.



The contractor shall submit an Activity Network immediately upon placement of Purchase Order by identifying the critical path activity(s). This activity network shall form the base-line for delay analysis and extension of time. The impact of delay in critical path activities shall only be taken into consideration for arriving at the effective delay attributable to PURCHASER and Force Majeure. The input for delay analysis and extension of time shall be derived from entries made in the hindrance registers. The delays attributable to PURCHASER, as recorded and agreed upon in the hindrance registers, which have got impact on overall contract schedule, shall only be taken into consideration for delay analysis.

Sample Hindrance register format is attached in Annexure-A of Section-C-Note of tender document..

24.0 POST ORDER CORRESPONDENCE

- 24.1 All Correspondence regarding Technical matters in respect of this order shall henceforth be addressed to:

Additional Chief Engineer, Procu. (N&MS)
Nuclear Power Corporation of India Limited,
D-1-10, Nabhikiya Urja Bhavan,
Anushaktinagar, Mumbai – 400094, Maharashtra.

with a copy to Additional General Manager (C&MM), Directorate of C&MM,
Nuclear Power Corporation of India Ltd., D - '0' Block, Ground Floor,
Nabhikiya Urja Bhavan, Anushakti Nagar, Mumbai-400 094.

- 24.2 All Correspondence regarding Commercial matters in respect of this order shall henceforth be addressed to:

Additional General Manager (C&MM)
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Ltd.,
D - '0' Block, Ground Floor,
Nabhikiya Urja Bhavan, Anushakti Nagar,
Mumbai-400 094, Maharashtra.

25.0 RIGHT OF RECOURSE UNDER CIVIL LIABILITY FOR NUCLEAR DAMAGE ACT 2010 AND CIVIL LIABILITY FOR NUCLEAR DAMAGE RULES 2011:

- 25.1 Since, requirement is for PHWR, NPCIL is the system designer and technology owner, being responsible for safety design of such installations in this tender, NPCIL shall assume the role of supplier in accordance with the explanation of the term “supplier” given in Rule 24 of the CLND Rules, 2011 and in the context of section 17(a) and (b) of the CLND Act, 2010.



26.0 IMPLEMENTATION OF THE PROJECT CONTRACTS

The Purchaser has awarded two separate contracts, viz.: **CMM/OPS/06-35-9-3581/PO/0061** for Supply and PO No. **CMM/OPS/06-35-9-3581/PO/0062** for Erection & Commissioning and Civil works All these contracts are governed with the following clauses:

- 26.1 The award of two separate contracts shall not in any way dilute the responsibility of the Contractor for the successful completion of the plant/ equipment as per the specification and breach in any one of the above contract shall automatically be construed as a breach of the other contract which will confer a right on the Purchaser to suspend or terminate the other contract also at the risk and cost of the Contractor, including but not limited to, the right to invoke the Performance Security Bonds, under and in accordance with the terms of the Contracts.
- 26.2 The award of two separate contracts shall not in any way dilute the responsibility of the Contractor and breach in any one of the above contracts shall automatically be construed as a breach of the other contract which will confer, as part of Purchaser's right, under the contracts, a right on the Purchaser to suspend and/or terminate the other contract also at the risk and cost of the Contractor, in accordance with the terms of the relevant Contract.
- 26.3 Any event under any one of the above contracts resulting in an extension of time to the Contractor under this contract will result in an extension of time to the Contractor under the other contract under the same terms and conditions.

27.0 PRESENTATION

A detailed presentation shall be made by the Contractor before commencement of job at Site. The presentation shall include all the points relevant to execution of this contract such as:

- a) Execution / Construction Methodology
- b) Network for Engineering, supply and site works with sub-ordering/sub-contracting, manufacturing and erection schedule in line with module wise milestones and completion of AAFR given in the SCC under Section-B of tender document.
- c) Site organization
- d) QA System
- e) Safety System
- f) Training

28.0 END USE VERIFICATION:

End user verification shall not be agreed by NPCIL in case of imports of raw material / components / equipment, under any circumstances. Further the bidder /



contractor shall make attempts to import raw materials / components, if necessary, without insisting for 'End user certificate'

29.0 TERMS AND CONDITIONS OF CONTRACT

29.1 This Purchase Order shall be governed by the Terms & Conditions contained in the following documents, with the priority in the following sequence:

- a. The Contract Agreement / Purchase Order.
- b. Pre-Bid Clarifications /Confirmation
- c. Module Specific SCC
- d. Special Conditions of Contract (SCC)- Common
- e. General Condition of Contract (GCC) GCC/EPC-3/R-4
- f. Data sheet.
- g. Drawings,
- h. Technical specifications
- i. The Tender document, other than Sr. no. (b) to (h) above.



(V.K.Trivedi)

Associate Director, C&MM

For and on behalf of Nuclear Power Corporation of India Limited
(The Purchaser)

SECTION-C

Technical Specification

(Please refer Section-C of Tender No.CMM/OPS/06-35-9-3581)



SECTION-D

Module wise Contractual Milestones for AAFR			
Sr. No.	Module	Contractual milestones	Duration from the date of PO Placement
1.	M1 (Civil)	Completion and acceptance certificate for Module M1- (Civil Works)	30 Months
2.	M2 (LWS & CA)	Completion/Handing over of Module M2 and issue of Operational Acceptance certificate for Module M2 - [Light Water Systems & Compressed Air System (LWS&CA)]	30 Months
3.	M3 (HVAC)	Completion/Handing over of Module M3 and issue of Operational Acceptance certificate for Module M3 - [Heating, Ventilation & Air Conditioning (HVAC)]	32 Months
4.	M4 (Electrical)	Completion/Handing over of Module M4 and issue of Operational Acceptance certificate for Module M4 - (Electrical)	32 Months
5.	M5 (C&I)	Completion/Handing over of Module M5 and issue of Operational Acceptance certificate for Module M5 – [Control & Instrumentation (C&I) Systems]	30 Months
6.	M6 (Material Handling)	Completion/Handing over of Module M6 and issue of Operational Acceptance certificate for Module M6 - (Material Handling Systems)	30 Months
7.	M7 (Fuel Handling)	Completion/Handing over of Module M7 and issue of Operational Acceptance certificate for Module M7 - (Fuel Handling Equipment)	30 Months
8.	-	Handing over of complete AAFR and issue of Operational Acceptance certificate for AAFR	34 Months



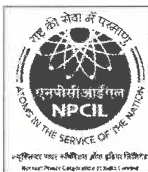


NUCLEAR POWER CORPORATION OF INDIA LIMITED	
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Section-E

LIST OF SUGGESTED SUB-VENDORS FOR MODULE M2 -Light Water System & Compressed Air Systems





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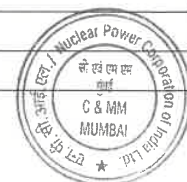
Suggested Sub Vendor/Sub-contractor List applicable for Module M2		
S.No.	Item Description	Suggested Sub Vendor
A	PIPES & TUBES (CS & SS)	
1.	CS Seamless Pipes (above 250 NB)	ISMT, Pune
		Vallourec & Mannesmann, Germany
		Dalmine Tenaris, Italy
		Tectubi Raccordi S.P.A, Italy
		Productos Tubulares, Spain
2.	CS Welded (ERW/with Electrode or filler metal) Pipes	Ratnamani Metals And Tubes Ltd, Ahmedabad
		Asian Mills Pvt Ltd, Ahmedabad
		Jindal (India) Ltd, Kolkata
		Jindal Industries Pvt Ltd, Hissar
		Jindal Saw Ltd, Mathura
		Jindal Pipes Ltd, Ghaziabad
		Lalit Pipes & Pipes Ltd, Navi Mumbai
		Man Industries(India) Ltd, Mumbai
		Surya Global Steel Tubes Ltd, Delhi
		Welspun Corp Ltd, Mumbai
3.	SS Seamless Pipes upto DN 250	Ratnamani Metals And Tubes Ltd, Ahmedabad
		Nuclear Fuel Complex (NFC), Hyderabad
		Sandvik , Ahmedabad
		Remi Edelstahl Tubular Ltd, Tarapur
		Welspun Speciality Solutions Ltd, Bharuch
4.	SS Seamless Pipes above DN 250	Jindal Saw Ltd, Mathura
		Sandvik Asia Pvt Ltd, Pune
		Vallourec & Mannesmann, Germany
		Mannesmann Stainless Tubes GmbH, Germany
		Salzgitter Mannesmann, France
		Dalmine Tenaris, Italy
		IBF S.p.a, Italy
		Ab Sandvik, Sweden
		Productos Tubulares, Spain
5.	SS Welded pipes	Tubacex Tubos Inoxidables S.A., Spain
		Ratnamani Metals And Tubes Ltd, Ahmedabad
		Remi Edelstahl Tubular Ltd, Tarapur
6.	SS Tubes	Jindal Saw Ltd, Mathura
		NFC, Hyderabad
		Ratnamani Metals And Tubes Ltd, Ahmedabad
		Remi Edelstahl Tubulars Ltd, Tarapur
B	Custom Built Item	Sandvik Asia Pvt Ltd, Pune
1	Custom Built Bends	DEE Development Engineers Ltd, Haryana





Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
C	PIPE FITTINGS (CS & SS)	
1.	Formed Fittings (CS&SS)	Gujarat Infrapipes Pvt Ltd, Vadodara
		DEE Development Engineers Ltd, Haryana
	Formed Fittings (CS&SS) [NINS only]	M S Fittings Manufacturing Co. Pvt Ltd, Kolkata
		Mech Well Fittings Pvt Ltd, Gujarat
		Fittech Industries Pvt Ltd, Thane
		Sawan Engineers Pvt Ltd, Vadodara
		Teekay Tube Pvt Ltd Mumbai
		CSA Fittings, Navi Mumbai
		Steel Samrat, Boisar
2.	Forged fittings (CS&SS)	Shakti Forge Ind. Pvt. Ltd , Rajkot
		M S Fittings Manufacturing Co. Pvt Ltd, Kolkata
	Forged fittings (CS&SS) [NINS only]	Sawan Engineers Pvt Ltd, Vadodara
		CSA Fittings, Navi Mumbai
		Rajmani Fittings Pvt Ltd, Vadodara
		Vaibhav Fittings India Pvt. Ltd., Valsad
3.	Flanges (CS&SS)	Kissan Steel Pvt Ltd, Ghaziabad
		CHW Forge Pvt Ltd, Gaziabad
		Echjay Industries Pvt Ltd, Rajkot
		BF Industrial Technology & Solutions Ltd, Vadodara (Formerly Sanghvi Forging & Engg Ltd)
		Rajmani Fittings Pvt Ltd, Vadodara (NINS only)
		Shakti Forge Ind. Pvt. Ltd , Rajkot
4.	High Pressure Pipe Couplings Assembly	Vinir Engg Pvt.Ltd, Bangalore
		Bharat Forge Ltd, Pune
		MTAR, Hyderabad
		Siderforgerossi India Private Limited, Mysuru
		Yantra Kaushalya Engineers Private Limited, Anand
5.	Quick Release Couplings	Baldota Valve & Fitting Co Pvt Ltd, Mumbai Jay Industries, Mumbai
6.	Quick Connect Couplings	Nanda Manufacturing Co., Kolkata
		Tdk (Control) India, Mumbai
		Victaulic, USA
7.	Metallic Bellows	Metallic Bellows (India) Pvt Ltd, Chennai
		MB Metallic Bellows Pvt Ltd, Chennai
		Lonestar, Chennai
		Flexican Bellows, Vadodara
		Sur Industries Pvt Limited, Kolkata
		Flexatherm Expanllow Pvt Ltd, Vadodara
		QUIRI, France
		Carpenter & Paterson, Ltd, UK





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Suggested Sub Vendor/Sub-contractor List applicable for Module M2		
S.No.	Item Description	Suggested Sub Vendor
		Pipe Support Systems Gmbh International, Germany
8.	Hanger Support	Myricks, Chennai
		Piping Products, Chennai
		Sarathi, Hyderabad
		Spring Supports, Kolkata
		Pipe Hangers & Supports (P) Ltd, Chennai
9.	Rubber Hose	Eaton Aeroquip, Pune
		Sukan Engineering Pvt. Ltd., Vadodara (Authorized Dealer Of M/S Eaton Aeroquip)
		M/s Polyhose Chennai
		Vikram & Co., Mumbai
10.	Metal Hoses	Vikram & Co., Mumbai
		Gayatri Industrial Corporation, Mumbai
		JRE Private Limited, Mumbai
		ABC Synthetics Private Limited, Mumbai
D	EQUIPMENT	
1.	Tanks & Pressure Vessels,	BHEL Trichy
		Godrej & Boyce, Mumbai
		ISGEC, Yamunanagar
		Lloyds Steels Industries Ltd, Murbad
		Kay Bouvet Engineering Limited, Satara
		WIL, Walchandnagar
		TEMA India Ltd Mumbai
2.	Miscellaneous Fabricated Items (MFI) : Fill and vent plug, Valve Panels, Sample Collection Sink, Link Chains, Gas/ Air Manifold (Oxygen, Helium, CO2, Air) etc.	BHEL Trichy
		Godrej & Boyce, Mumbai
		ISGEC, Yamunanagar
		Patels Airtemp (India) Limited, Kalol
		Lloyds Steels Industries Ltd, Murbad
		Kay Bouvet Engineering Limited, Satara
		WIL, Walchandnagar
		The Anup Engg Ltd., Ahmedabad
		Ishan Equipments Pvt. Ltd., Vadodara
		Nuberg Engineering Limited, Noida
		Baldota Valve And Fitting Co. Pvt. Ltd., Mumbai
		Coldweld Engineers Pvt. Ltd., Vasai
		Dabir Industries, Thane
		Hemlathaa Hi-Tech Industries, Cuddalore
		Jagtap Engineering Works, Vadodara
		New Field Industrial Eqpt. Co., Vadodara
		Nirmal Industrial Controls Pvt. Ltd., Mumbai
		Crystal Engineers, Pune





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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
		Vividh Hi-Fab Pvt Ltd., Vadodara
		Raj Engineering Co., Mumbai
		Bharat Tanks And Vessels, Pune
		GMM Pfaudler Limited, Karamsad
		Flowchem Process Equipment, Kalol
		Enpro Industries Pvt Ltd, Pune
		Baroda Equipment And Vessels Private Ltd, Vadodara
		Anwasha Engineering & Projects Limited, Vadodara
		TEMA India Ltd Mumbai
		Sparkon Engineers, Pune
3.	Dished Ends	Hiralal, Pune
		Motilal, Thane
		Cerec Metalform, Vadodara
		ICEM, Mumbai
		Mahendra Dished Ends Pvt Ltd, Mumbai
		Godrej & Boyce, Mumbai
		Isgec, Yamunanagar
		WIL, Walchandnagar, Pune
		TEMA India Ltd Mumbai
		Patels Airtemp (India) Limited, Kalol, Gujarat
4.	Heat Exchangers (Plate Type)	Alfa Laval India Pvt Ltd, Pune
		Idmc Limited, Anand
		Kelvion India Pvt Ltd., Pune
		Tranter India Pvt Ltd, Pune
5.	Lead pouring , lead Bricks, Lead shots	ASMI Metal, Mumbai
		Vividh Hi-Fab Pvt Ltd., Vadodara
		Associate Engineers, Kota
		Hemendra Metal Industries,Vapi
		Allied Engineers & Fabricators, Mumbai
		Lechler India Pvt. Ltd, Thane
6.	Simplex / Duplex & Y- Type Strainers	Spraying Systems (India) Pvt. Ltd., Bangalore
		Jagtap Engineering Works, Vadodara
		Multitex Filtration Engineers Ltd, Delhi
		Filtration Engineers India Pvt Ltd, Navi Mumbai
		ACME Engineering Products & Systems (India) Pvt Ltd, Ambarnath
		ACME Fluid Systems, Ahmedabad
		Gujrat Otofilt , Ahmedabad
		Amiad Filtration System India Private Limited, Navi Mumbai
		Multitex Engineers, New Nelhi





NUCLEAR POWER CORPORATION OF INDIA LIMITED RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
		Filtration Engineers (I) Pvt. Ltd., Mumbai Hydac Ind Pvt Ltd, Mumbai Taprogge Eaton
7.	Vee-Wire , Wedge Type Screens	Jagtap Engineering Works, Vadodara Andritz Euroslot India Pvt Ltd, Navi Mumbai Gujarat Wedge Wire Screens Ltd, Halol
8.	Screen & Gates, Travelling Water Screen, Stop Log Gates, Sluice Gates	Macmet India Ltd, Kolkata General Mechanical Works, Vadodara Jash Engineering Pvt Ltd, Indore
9.	Cartridge Type Filter Element (Water Service)	Pall India Pvt. Ltd., Mumbai Porvair India, Mumbai Norman Filters, USA Pan Asia Global, Bangalore
10.	Decontamination Centre Equipment	VPS Technology, Bangalore Imeco Cleaning & Welding Eqpt. Pvt. Ltd. Pune. Roop Telescopic Ultrasonix Ltd. Mumbai
11.	Laundry Equipment	Fabcare Garments & Textile Machinery(P) Ltd. Delhi Stefab, New Delhi
12.	Viewing Glass / Sight Port Glass	Cristal Instruments, Mumbai Jafferjee Peerbhai Kachwalla & Co. Mumbai Apeksha Enterprises, Mumbai Sigma Ind. Mumbai B.L. EGINEERING, Ahmedabad Mc Clelland Engineers Pvt. Ltd., Navi Mumbai Core Energy Systems Pvt. Ltd. Dombivli
13.	Skimmers	Andritz Euroslot India Pvt Ltd, Navi Mumbai Jagtap Engineering Works, Vadodara Excel Heaters, Daman Kantilal Chunilal & Sons, Gujarat Kerone, Thane Patels Airtemp (India) Limited, Kalol, Gujarat Rashmi Heaters Pvt Ltd, Pune Sushma & Co., Khopoli, Mumbai Toshniwal Brothers Co, Mumbai Xicon International, Mumbai
14.	Forging	Bharat Forge Ltd. Pune Vinir Engineering Private Limited, Bangalore Siderforgerossi India Pvt Ltd., Mysore Harihar Alloys (P) Limited, TN





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Suggested Sub Vendor/Sub-contractor List applicable for Module M2		
S.No.	Item Description	Suggested Sub Vendor
		Western India Forgings Pvt. Ltd. Pune
		Star Wire (India) Ltd., Ballabgarh, Faridabad
		Midhani ,Hyderabad
		Bharat Heavy Electricals Ltd. Hardwar (U.P)
		Saarloha Advanced Materials Pvt Ltd, Pune
		CHW Forge Pvt Ltd, Gaziabad
		Fine Forge Ltd. Hyderabad
15.	Cranes & Accessories For Cranes	Unique Industrial Handlers Pvt Ltd
		Mukund, Mumbai.
		Anupam, Anand.
		Hevenk Raft, Thane
		Consolidated Hoist Pvt Ltd, Pune.
		Hercules Hoist Ltd., Mumbai
		Unitek, Bangalore.
		Limit Switches: Ge / BCH/ Speedo-Control.
		VVVF: Abb, Telemecanique, Siemens, Alenbradly.
		Hooks: Steel Forgings, Smriti Forgings
		Wire Ropes: Bharat Wire Ropes, Usha Martin
		Brakes: Speed-O-Controls, Emco Lenze, Electromag, Pethe.
16.	Strctural Steel (CS & SS)	DSL : Safe Line, Safe Track, Armatic, Mobilis Elite
		Manual Hoist: Indef, Brady & Morris
		SAIL
		TISCO
		ISPAT
		Arcelor Mittal
		Jindal Industries Pvt. Ltd, Hissar (For SS Structural Steel)
		Jindal Stainless Ltd (JSL), Hissar (For SS Structural Steel)
		Jindal Steel & Power Ltd., Raigarh (For CS Structural Steel)
		Rashtriya Ispat Nigam Ltd, Mumbai
E	Rotating Equipment for Sub-modules S2 to S5 (except Sub-module S1)	Sanvijay Rolling & Engineering Ltd., Nagpur
		KEC (Re-evaluation required before PO placement)
1.	Centrifugal Pumps	KBL, Pune
		Wilco Mather & Platt Pumps Pvt. Ltd , Pune
		KSB, Pune
		Sulzer Pumps Ltd, Navi Mumbai
		Wilco Mather & Platt Pumps Pvt. Ltd , Pune





NUCLEAR POWER CORPORATION OF INDIA LIMITED RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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Suggested Sub Vendor/Sub-contractor List applicable for Module M2		
S.No.	Item Description	Suggested Sub Vendor
		Jyoti, Vadodara
		Flow Serve Pumps
		Darling Pumps Pvt.Ltd, Indore
		Hitec, Mumbai
		Su Motors, Mumbai
		Modi, Mumbai
		Som, Coimbatore
		Flowmore, Delhi.
		Kishore Pumps, Pune
		Kirloskar Brothers Ltd, Pune
		TMVT, Vadodara
		Core Energy Systems Pvt. Ltd. Dombivli (for Pompetravaini, Italy)
2.	Submersible & Dewatering Pumps / Vertical Sump Pumps	
		Crompton Greaves Limited, Ahemadnagar
		KEC, Bangalore
		Siemens, Mumbai
		BHEL, Bhopal
		Bharat Bijlee Limited, Navi-Mumbai
		ABB, Kolkata
		Alstom, Mumbai
		Hydro Pack (India) Pvt. Ltd., Belgaum
3.	Electric Motors	
F	VALVES	
		KSB MIL Controls Limited, Aluva, Kerala
		IL, Palghat
		Emerson Group (Fisher Controls, USA)
		Aira Valve Automation, Ahmedabad
		Avacon Controls Pvt Ltd,Pune
		Crane Process Flow Technologies, Pune
		Forbes Marshall Pvt. Ltd., Pune
		Emerson Process Managment Chennai Pvt. Ltd., Chennai
		Dresser Masoneilan, Coimbatore
		Samson Controls Pvt. Limited
		Super Technical India Pvt. Ltd. - (for Parker make)
4.	Control Valves	
		L&T Valves Limited
		KSB, Coimbatore
		Bell-O-Seal Valves Pvt. Ltd. Udupi
		Velan S.A.S., Coimbatore
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
5.	Gate and Globe Valves	
		Peritus Control Equipment Pvt. Ltd., Nashik





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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
		BHEL, Trichy
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
		L&T Valves Limited
		Fouress Engineering India Pvt. Ltd., Bangalore
		Delval Process, Pune
6.	Butterfly Valves	Interval Poonawalla Limited, Pune
		Fouress Engineering India Pvt. Ltd., Bangalore
		Delval Flow Controls Pvt. Ltd., Pune
		L&T Valves Limited
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
		R&D Multiples (Metal Cast) Pvt Ltd, Mumbai
		Crane Process Flow Technologies, Pune
		Kirloskar Brothers Ltd., Kondhapuri Pune
		Samson Controls Pvt. Limited
		Emerson Process Managament Chennai Pvt. Ltd., Chennai
7.	Ball Valves	Micro Finish Valves Pvt. Ltd., Hubballi
		Forbes Marshall Pvt. Ltd., Pune
		L&T Valves Limited
		Velan S.A.S., Coimbatore
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
		Fluid Control Pvt. Ltd., Mumbai
		Bell-O-Seal Valves Pvt. Ltd. Udupi (including top entry Ball Valves up to 65NB)
		Peritus Control Equipment Pvt. Ltd., Nashik
8.	NRV/ Check Valves (Water /Air service)	L&T Valves Limited
		KSB, Coimbatore
		Forbes Marshall Pvt. Ltd., Pune
		Velan S.A.S., Coimbatore
		Fluid Controls Pvt. Ltd., Pune
		NSSL Pvt Ltd., Nagpur
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
		Fouress Engineering India Pvt. Ltd., Bangalore
		Peritus Control Equipment Pvt. Ltd., Nashik
		Hawa Valves (I) Pvt. Ltd., Mumbai





NUCLEAR POWER CORPORATION OF INDIA LIMITED RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
		(Only for swing Wafer type Check valves for Water Services)
9.	Dual Plate Check Valves	Advance Valves Pvt. Ltd., Noida
		InterValve Poonawalla Ltd., Pune
		R&D Multiples (Metal Cast) Pvt Ltd
10.	Diaphragm Valves	Crane Process Flow Technologies, Pune
		Swims Technologies Pvt Ltd, Hubballi (formerly Trillium Flow Technologies India Pvt. Ltd.)
		Nirmal Industrial Controls Pvt. Ltd., Mumbai
11.	Needle Valves	Astec Instruments Pvt Ltd., Mumbai
		Fluid Control Pvt. Ltd, Pune
		Hydro Pneumatic Accessories (I) Pvt. Ltd. Kharaine, Navi Mumbai
		Parker, UK
		Parker Hannifin India Pvt. Ltd. Navi Mumbai
		Super Technical India Pvt. Ltd.(For Parker Make)
		Swagelok, USA
		Industrial Valves, Umbergaon
		Havi Engineering India Pvt. Ltd., Vasai, Mumbai
12.	Needle Valves (Tube Ends) - Water Service	Baldota Valves & Fittings Co. Pvt. Ltd., Mumbai
		Parker, UK
		Parker Hannifin India Pvt. Ltd. Navi Mumbai
		Super Technical India Pvt. Ltd.(For Parker Make)
		Swagelok, USA
13.	Electric Actuator	Auma (India) /(Germany) Pvt. Ltd.
		Bernard Control, France
		Rotork Control, India/UK
14.	Smart Positioner	Metso, Mumbai
		Rotex , Mumbai
		Seimens
		SMAR
		SMC
		Young Tech
G	Hardware	
1	Fasteners for High Pressure Pipe Coupling (HPPC)	Fasteners and Allied Products Pvt Ltd, Hubballi
		Mega Engineering Pvt. Ltd, Kolhapur
		President Engineering Works, Silvassa
2	Fasteners & U-clamps	Fasteners and Allied Products Pvt Ltd, Hubballi
		Industrial Engineering Corporation (IEC), Vasai
		Industrial Engineers, Ambernath
		Mega Engineering Pvt. Ltd, Kolhapur





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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
		President Engineering Works, Silvassa
		Hem Industries, Mumbai
		Sundaram Fasteners, Padi, Chennai
		TVS Fasteners, Chennai
		Precision Engineering Industries, Vadodara
		Precision Fasteners, Mumbai
		GKW, Mumbai
3	Gasket	IGP, Chennai
		PGE India (Pilot Gaskets), Mumbai
		Starflex, Goa
		Uni Klinger Ltd., Pune
4	Anchor fastner	Fisher Anchor
		Hilti India Pvt. Ltd.
H	Non Metallic	
1	CPVC Pipe & Fitting	Finolex,Pune.
		Astral Poly Technik Ltd, Ahmedabad (Modi Chemplast Mat. Pvt Ltd.,-Authorized Dealer)
		Oriplast,Kolkata
2	HDPE Pipe & Fittings	Duraline,Goa
		Isco, Kolkata
		Jain Irrigation, Mumbai
		Sangir Plastics Pvt Ltd, Pardi
I	IDCT Items	
1.	Cooling Tower Fill, PVC material	M/s. MM Aqua Technologies Ltd., Gurgaon
		M/s. Hewitech
2.	Drift Eliminator	M/s. MM Aqua Technologies Ltd., Gurgaon
		M/s. Brentwood
3.	Spray Nozzles	M/s. VP Engineers, Chennai
		M/s. Zemkal, Mumbai
4.	Axial Flow Fan for cooling tower	M/s. Parag Fans & Cooling Systems Ltd., Dewas
		M/s. Amalgamated Industrial Composites Pvt. Ltd.,
		M/s. Cofimco, Chennai
		M/s. Coolflo Engineers Pvt Ltd., Mumbai
5.	Gear Box	M/s. Elecon Engineering Company Ltd., Mumbai
		M/s. Premium Transmission Pvt. Ltd., Pune
6.	Drive Shaft	M/s. Unique Transmission (India) Pvt. Ltd, Kolkata
		M/s. Paharpur Cooling Towers Pvt. Ltd, Kolkata
7.		M/s. Crompton Greaves Limited, Ahemadnagar
		M/s. KEC, Bangalore
		M/s. Siemens, Mumbai
		M/s. BHEL, Bhopal





NUCLEAR POWER CORPORATION OF INDIA LIMITED
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Suggested Sub Vendor/Sub-contractor List applicable for Module M2

S.No.	Item Description	Suggested Sub Vendor
	Electric Motors	M/s. Bharat Bijlee Limited, Navi-Mumbai
		M/s. ABB, Kolkata
		M/s. Alstom, Mumbai
8.	Submersible Dewatering Pumps	M/s. Darling Pumps, Indore
		M/s. HITEC Pump Industries, Mumbai
		M/s. SU Motors Pvt. Ltd., Mumbai
		M/s. Mody Pumps, Mumbai
		M/s. Flowmore, Gurgaon
9.	Cranes	M/s. Unique Ind. Handlers, Nasik
		M/s. Mukund, Mumbai
		M/s. Anupam, Anand.
10.	Motor Operated / Air Operated Gate Valves	M/s. KBL, Kondhapuri
		M/s. VAG Valves, Hyderabad
		M/s. NSSL, Nagpur.
		M/s. Flowchem Industries, Gandhinagar
		M/s. Fouress Engineering (India) Pvt. Ltd, Aurangabad
11.	Hydrant Valves	M/s. Sukan Valves, Ahmedabad
		M/s. Shah Bhogilal, Ahmedabad
12.	Electric Actuator	M/s. Auma - India/Germany
		M/s. Benard Control, France
		M/s. Rotork, India/Uk
13.	Gasket	M/s. IGP, Chennai
		M/s. PGE India (Pilot Gaskets), Mumbai
		M/s. Starflex, Goa





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Section-E

LIST OF SUGGESTED SUB-VENDORS FOR MODULE

M3 - HEATING VENTILATION AND AIR CONDITION (HVAC) SYSTEM





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Suggested Sub Vendor/Sub-contractor List applicable for Module M3		
S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
1.	AIR HANDLING UNITS /FAN COILS UNITS	PATEL AIR TEMP., AHMEDABAD
		BLUE STAR LTD., MUMBAI
2.	AIR WASHER	ROOT COOLING SYSTEMS PVT. LTD., NOIDA
		ADVANCE VENTILATION, DELHI
		AIR BREEZE INDIA(P) LTD., CHENNAI
3.	GSS DUCTS	ROLASTAR PVT. LTD, MUMBAI
		IQRA AIRCON PVT LTD, GREATER NOIDA
4.	CS DUCTS	MSID, GWALIOR
		FAB-FACT, AMBERNATH
5.	AAFR AIR CONDITIONING AND VENTILATION SYSTEM PACKAGE	M/S BLUE STAR LTD. BLUE STAR HOUSE,9-A,GHATKOPAR LINK ROAD, SAKINAKA,MUMBAI-400072
		L&T L&T HOUSE ,BALLARD ESTATE, P.O. BOX-278, MUMBAI-400001
		ABB ABB HOUSE ,DR S B PATH(OLD GOA STREET),BALLARD ESTATE, MUMBAI-400028
		LLOYDS STEEL INDUSTRIES LTD., MUMBAI
		M/S NICCO ,KOLKATA
		M/S WALCHANDNAGAR INDUSTRIES , WALCHANDNAGAR
		M/ ALSTOM ,KOLKATA
		ANDREW YULE , KOLKATA
		M/S GEI HAMON ,BHOPAL
6.	HEAT EXCHANGERS	GODREJ & BOYCE, MUMBAI
		BHEL, TRICHY
		BHPV, VIZAG
		GR ENGINEERING
		LLOYD STEEL,MUMBAI
		L&T
		ISGEC, YAMUNANAGAR
		WIL, WALCHANDNAGAR
7.	CENTRIFUGAL PUMPS	AKAY INDUSTRIES, HUBLI
		BPCL, NAINI
		KBL, PUNE
		BEACON WEIR , CHENNAI
		SULZER PUMPS LTD,NAVI MUMBAI
		KSB, PUNE
		MATHER & PLATT, PUNE
		WEIR PUMPS, UK
		WORTHINGTON, CALCUTTA
8.	CENTRIFUGAL FANS	PATEL AIR FLOW ,AHMEDABAD
		NADI AIRTECHNICS , CHENNAI

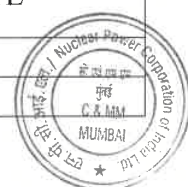




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Suggested Sub Vendor/Sub-contractor List applicable for Module M3

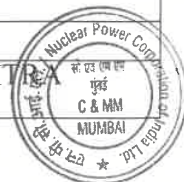
S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		FLAKT(INDIA) ,KOLKATA
		C.DOCTOR & CO., AHMEDABAD
		ANDREW YULE, KOLKATA
9.	AXIAL FLOW FANS	FLAKT (INDIA) ,KOLKATA
		ALMONARD ,CHENNAI
		NADI AIRTECHNICS ,CHENNAI
		C.DOCTOR & CO., AHMEDABAD
		KRUGER VENT. INDUSTRIES
10.	COMBINED HEPA & CHARCOAL FILTERS	INDUSTRIAL FILTERS, BHARUCH
11.	AIR HANDLING UNITS / SPLIT AIR-CONDITIONERS	BLUE STAR LTD. ,MUMBAI
		SYSTEMAIR, NOIDA
		HEMAIR SYSTEMS INDIA LTD., HYDERABAD
		GEI(HAMON), BHOPAL
		FRICK(INDIA) LTD. FARIDABAD
		PATEL AIR TEMP.,MUMBAI
12.	STRAINERS	DRAYTON GREAVES, MUMBAI
		JAYASHREE INDUSTRIES, HYDERABAD
		GUJRAT OTOFIT ,AHMEDABAD
		MULTITEX, DELHI
13.	ELECTRIC MOTORS	ABB
		BHARAT BIJLEE LIMITED
		BHEL
		KEC,BANGALORE
		KBL , PUNE
		ALSTOM
		GEC
		CROMPTON GREAVES LIMITED
		SIEMENS
14.	FIRE DAMPER	SYSTEMAIR, NOIDA
		AIRPRO ENGINEERS PVT. LTD.
15.	GATE AND GLOBE VALVES	AUDCO INDIA LIMITED, CHENNAI
		BHEL, TRICHY
		FOURESS, BANGALORE
		KBL, PUNE
		KSB, COIMBATORE
		INTERVALVE ,PUNE
		NECO SCHUBERT AND SALZER LTD., MUMBAI
		PRECISION ENGINEERING, MUMBAI / ORNATE GROUP, MUMBAI
		BDK VALVES, HUBLI
		STEEL STRONG, MUMBAI





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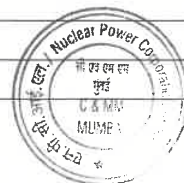
Suggested Sub Vendor/Sub-contractor List applicable for Module M3		
S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
16.	CS PIPES	BHEL, TRICHY
		INDIAN SEAMLESS METAL TUBE CO., MUMBAI
		LALIT PROFILES & STEEL INDUSTRIES LTD, MUMBAI (SAW / FABRICATED PIPES)
		MAHARASHTRA SEAMLESS, NAGOTHANE
		JAYANT PIPES SYNDICATE ,AHMEDABAD
		JINDAL PIPES ,NEW DELHI
		LYOND METAL INDUSTRIES ,MUMBAI
		MAN INDUSTRIES (INDIA) LTD, INDORE (SAW PIPES)
		MUKAT PIPES LTD, BARAMATI (ERW PIPES)
		PRODUCTOS TUBULARES, SPAIN
		RATNAMANI METALS AND TUBES LTD, AHMEDABAD
		SURYA ROSHINI, HARYANA
		TISCO, MUMBAI
17.	CS PIPE FITTINGS	BONY FORGE
		COMMERCIAL SUPPLY AGENCY, MUMBAI
		EBY FASTENERS, MUMBAI
		HILTON METAL FORGINGS LTD,MUMBAI
		ECHAY INDUSTRIES, MUMBAI(FLANGES)
		GUJARAT INFRAPIPES, BARODA
		M S FITTINGS, CALCUTTA
		PARAMOUNT FORGE, PANVEL, MAHARASHTRA (ONLY FOR FLANGES)
		STEWARDS & LLOYDS, CALCUTTA
		SWASTIK LLOYDS ENGINEERING PVT LTD, MUMBAI
		TEEKAY TUBES, MUMBAI
		TRUE FAB PVT LTD, FARIDABAD
		TUBE PRODUCTS, BARODA
		STEEL SAMRAT,TARAPUR
18.	SS PIPES	NFC, HYDERABAD
		RATNAMANI METALS AND TUBES LTD, AHMEDABAD
		REMI, MUMBAI
19.	SS PIPE FITTINGS	ARVIND PIPES & FITTINGS, MUMBAI
		COMMERCIAL SUPPLY AGENCY, MUMBAI
		EBY FASTENERS, MUMBAI
		HILTON METAL FORGINGS LTD,MUMBAI
		ECHAY INDUSTRIES, MUMBAI (FLANGES)
		GUJARAT INFRAPIPES, BARODA
		TEEKAY TUBES, MUMBAI
		M S FITTINGS, CALCUTTA
		PARAMOUNT FORGE, PANVEL, MAHARASHTRA (ONLY FOR FLANGES)





Suggested Sub Vendor/Sub-contractor List applicable for Module M3

S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		STEEL SAMRAT,TARAPUR
		TUBE PRODUCTS, BARODA
		BONY FORGE
		STEWARDS & LLOYDS, CALCUTTA
20.	FASTENERS	ALCO, HUBLI
		BOLTMASER, VASAI
		GKW, MUMBAI
		INDUSTRIAL FASTENERS, MUMBAI
		LAXMI PRECISION, MUMBAI
		MEGA ENGINEERING PVT. LTD, RABALE
		PRECISION ENGINEERING INDUSTRIES, BARODA
		PRECISION FASTENERS, MUMBAI
		SUNDARAM FASTENERS
		TVS, CHENNAI
21.	SPRING ASSEMBLY	SPRING SUPPORTS, CALCUTTA
		PIPING PRODUCTS, CHENNAI
		MYRICKS, CHENNAI
		SARATHI, HYDERABAD
22.	BEARING PADS / LUBRITE PADS	ROLLON BEARINGS, BANGALORE
23.	STRUCTURAL STEEL(CS&SS)	LLOYD STEEL,MUMBAI
		RASHTRIYA ISPAT NIGAM LTD, MUMBAI
		SANVIJOY ROLLING & ENG. ,NAGPUR
		SAIL, MUMBAI
24.	EXPANDED POLYSTRENE	COOLINE MANUFACTURER PVT. LTD. AHMEDABAD.
		PLASTO COAT ,KOLKATA
		LLOYDS INSULATION ,MUMBAI
		J D INSULATION ,MUMBAI
25.	DAMPERS ,GRILLES, DIFFUSERS ETC.	ELEMACH TRADERS,KOLKATA
		NUAIR DISTRIBUTION ENGINEERS,AHMEDABAD
		GHOSH AIRTEK ,MUMBAI
26.	ALUMINIUM PERFORATED SHEET	JAINEX CORPORATION <MUMBAI
27.	ACOUSTIC INSULATION	U.P.TWIGA FIBER GLASS, NEW DELHI
28.	AIR WASHER INTERNALS	AIROTHERM (P) LTD., AHMEDABAD
		AIR BREEZE INDIA(P) LTD. ,CHENNAI-117
29.	ORIFICE PLATE ASSEMBLIES	MINCO, GOA
		STAR MECH, PUNE
		IL, PALGHAT
		TEMP TECH,MUMBAI
		SGPE, AMBERNATH
30.	PIPE TO TUBE ADAPTORS	TEMP TECH, MUMBAI





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S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		ASTEC, MUMBAI
		EXEL HYDRO, MUMBAI
		BALDOTA VALVES & FITTINGS, MUMBAI
31.	SS TUBE	SANDVIK, SWEDEN
		NFCOMPLEX, HYDERABAD.
		FINE TUBES ,UK
32.	SS TUBE FITTINGS.	SWAGELOK (I)
		PARKER HANNIFIN (I)
33.	BRASS TUBE FITTINGS.	SAMTA WELDING ENGG. WORKS.
		AIR-0-SALES, MUMBAI
		MULTIMAETAL
		V.R.ENGINEERING, MUMBAI
		FLUID CONTROLS MUMBAI
34.	BRASS CHECK VALVES	HYD-AIR ENGG WORKS MUMBAI
		ASTEC INSTRUMENTS, MUMBAI
		SMC PNEUMATICS, NOIDA
		PARKER HANNIFIN (I).
35.	BRASS NEEDLE VALVES	ASTEC INSTRUMENTS PVT. LTD., MUMBAI
		HYD-AIR ENGG. WORKS, MUMBAI
		R.K.CONTROLS INSTR., THANE
		EXCEL HYDRO MUMBAI
36.	INSTRUMENT ISOLATING VALVES	SWAGELOK (I)
		PARKER HANNIFIN (I)
		HYD-AIR ENGG. WORKS, MUMBAI
		ASTEC INSTRUMENTS, MUMBAI
		EXEL HYDRO PNEUMATIC, MUMBAI
37.	PACKED 3 VALVE AND 5 VALVE MANIFOLD	ASTEC INSTRUMENTS, MUMBAI
		HYD-AIR ENGG. WORKS, MUMBAI
		EXCEL HYDRO ,MUMBAI
38.	SS BOURDEN TYPE /DIAPHRAGM TYPE PRESSURE GAUGES	H.GURU (SOUTH), BANGALORE.
		WAAREE INSTR MUMBAI
		PRECISION INDUSTRIES, MUMBAI.
		A.N.INSTRUMENT,KOLKATA.

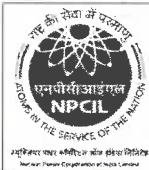




NUCLEAR POWER CORPORATION OF INDIA LIMITED RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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Suggested Sub Vendor/Sub-contractor List applicable for Module M3		
S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		GENERAL INSTRUMENTS, MUMBAI.
		ASHCROFT, U.K.
39.	DP TYPE PRESSURE GAUGE & DP T FL GDP TYPE FLOW GAUGES	AN INSTRUMENTS, KOLKATA
		SWITZER INSTRUMENT, CHENNAI
		GENERAL INSTRUMENTS, MUMBAI
		ASHCROFT, U.K.
40.	DIFFERENTIAL PRESSURE INDICATING SWITCHES (INCLUDING DP TYPE FLOW SWITCHES)	WITZER INSTR LTD., CHENNAI,
		SIRCO CONTROL
		PRECISION INDUSTRIES, MUMBAI. (FOR ASHCROFT MAKE
		GENERAL INSTRUMENTS, MUMBAI
41.	GENERAL PURPOSE RTDS	TEMP TECH, MUMBAI
		DETRIV INST. ELECTRIC LTD., MUMBAI
		TEMPSENS ,UDAIPUR
		GEN. INSTRUMENTS CONSORTIUM, MUMBAI
42.	THERMAL MASS FLOW METER	KURZ, USA
		SAGE, USA
		ENDRESS + HAUSER
		FCI, USA
		THERMO-SCIENTIFIC, USA
43.	NON-RADIATION RESISTANT TERMINAL BLOCKS AND ACCESSORIES AND PVC SLEEVE	ELMEX CONTROLS PVT. LTD., BARODA
		CONNECTWELL MUMBAI
		PHOENIX INDIA NOIDA
		WEIDMULLER INDIA, BANGLORE
44.	ENGINEERING STANDARD JUNCTION BOXES	RELIABLE ELECTRICALS, MUMBAI.
		PYROTECH, UDAIPUR
		ECIL, HYDERABAD
		EXPROTECTA, BARODA
		I.L., KOTA
45.	LOCAL CONTROL PANELS/RACKS WITH	ELS
		RELIABLE ELECTRICALS, MUMBAI
		IL., KOTA
		PYROTECH, UDAIPUR
		ELEC-MECH, MUMBAI
		ECIL
46.	FOR PANEL MOUNTED HANDSWITCHES	KAYCEE, MUMBAI
		SEIMENS, MUMBAI
		SALZER,COIMBATORE
		MOSS MAN(ENTECH)
47.	PUSH BUTTONS	BHARTIYA CUTLER HAMMER .
		SEIMENS, MUMBAI





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Suggested Sub Vendor/Sub-contractor List applicable for Module M3		
S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		CONCORD, MUMBAI
		TECHNIC, MUMBAI
		CUTLER-HAMMER
		KAYCEE, MUMBAI
		SALZER, COIMBATORE
48.	ANNUNCIATORS	APLAB, MUMBAI
		IL, KOTA
		ECIL, HYDERABAD
		INTELEC, PUNE
		DIGICONT KOTA
		INSTA ALARM, MUMBAI
49.	TERMINAL BLOCKS	ELMEX, BARODA
		WEID MULLAR, BANGALORE, INDIA
		CONNECT WELL
		PHOENIX INDIA WELL
50.	RELAYS	PLA
		LARSEN & TOUBRO
		OEN
		SIEMENS
		ITI B'LORE
		FINDER (I)
		TELEMECHANIQUE INDIA
51.	LAMPS (CLUSTERED LED)	CONCORD
		NOVA WELDING WORKS
		SIEMENS
		OMEX
52.	TIMERS & TDRS TIMERS	LARSEN & TOUBRO
		BHARATIYA CUTLER & HAMMER
		ASEA, BANGALORE
		TELEMECHANIQUE INDIA
		SIEMENS
		NARMADA ELECTRONICS, HYDERABAD
		OMRON
		ECILHY, DERABAD
53.	FUSES	AGASTAT, USA
		LARSEN & TOUBRO
		SIEMENS
		GE POWER
54.	MCB	BUSSMAN
		INDO KOPP





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Suggested Sub Vendor/Sub-contractor List applicable for Module M3

S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		LEGRANDE (FORMERLY M/s MDS)
		SEIMENS
55.	EPR Insul. LHLS, sheathed unarmoured inst. Cable	UNIFLEX CABLES, MUMBAI
		ADVANCE CABLES , BANGALORE
		RADIANT CABLES ,HYDERABAD
		SERVEL ,DELHI
56.	EPR Insul. LHLS, sheathed unarmoured Unshielded control Cable	UNIFLEX CABLES, MUMBAI
		ADVANCE CABLES , BANGALORE
		RADIANT CABLES ,HYDERABAD
		SERVEL ,DELHI
57.	Thermocouple Extn. Cable	UNIFLEX CABLES, MUMBAI
		ADVANCE CABLES , BANGALORE
		RADIANT CABLES ,HYDERABAD
		SERVEL ,DELHI
58.	ETFE. Insul. Wires & cables	UNIVERSAL CABLES LTD, SATNA
		NICCO CABLES, MUMBAI
		INCAB INDUSTRIES LTD. PUNE
		CABLE CORPN. OF (I) LTD., MUMBAI.
		DELTON CABLES, DELHI
		SERVEL DELHI
		UNIFLEX CABLE LTD ,MUMBAI
		FRIEND'S CABLE NOIDA
59.	EPR Inst. LHLS, sheathed armoured control cable	UNIFLEX CABLES, MUMBAI
		ADVANCE CABLES , BANGALORE
		RADIANT CABLES ,HYDERABAD
		SERVEL DELHI
60.	COAXIAL CABLES	UNIVERSAL CABLES, SATNA,
		CABLETEL, FRANCE.
		DELTON CABLES, DELHI.
		HABIA CABLES, SWEDEN
		NEXANS FRANCE
		RADIANT CABLES, HYDERABAD
		SERVEL DELHI
61.	PLC	ECIL, HYDERABAD
62.	THERMOCOUPLE	TEMP TECH, MUMBAI
		DETRIV INST. ELECTRIC LTD., MUMBAI.
		TEMPSENS UDAIPUR
		GEN. INSTRUMENTS CONSORTIUM, MUMBAI.
63.	MICRO SWITCHES	HONEYWELL, U.S.A.
64.	ROLLER LEVER TYPE LIMIT	JAYBALAJI, MUMBAI





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Suggested Sub Vendor/Sub-contractor List applicable for Module M3

S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
	SWITCHES	
65.	ORIFICE ASSEMBLIES AND ACCESSORIES	TEMP TECH, MUMBAI MINCO GOA IL, PALGHAT STAR MECH, PUNE SGPE, AMBERNATH
66.	THERMOWELL	TEMP TECH, MUMBAI
67.		TEMPSENS UDAIPUR
68.		GEN. INSTRUMENTS CONSORTIUM, MUMBAI
69.	Brass Nickel plated with Chromium finish Cable Glands & Plugs	COMET BRASS PRODUCTS, MUMBAI, ELECTROMAC INDUSTRIES, MUMBAI
70.	SMPS	SETO, MUMBAI RATO, HYDERABAD CHIRRA, BANGLORE SM CREATIVE ELECTRONICS LIMITED, GURGAON ECIL, HYDERABAD
71.	OPERATOR WORK STATION (OWS)	HP DELL IBM
72.	CIRCULAR CONNECTOR	ALLIED ELECTRONICS CORPORATION, MUMBAI-400 054
73.	LIGHT CHANNEL/S.S. TRAY	ASIAN ANCILLARY CORPORATION 211, ONKAR INDUSTRIAL ESTATE KANJURMARG (WEST) MUMBAI-400 078. DIAMOND METAL SCREEN PVT LTD 370/2A, PB ROAD, BELGAUM-590 016.
74.	PULL BOX	KISHEN ENTERPRISES 105/2, 1ST FLOOR, KARAN CENTER S.D. ROAD SECUNDERABAD-500 003. VIDYUT PUMPS & ALLIED PRODUCTS 130/1, SHINOLI, TAL CHANDGAD DISTT. KOLHAPUR MAHARASHTRA CYCLO ELECTRIC DEVICES & SERVICES 37/2, 1ST MAIN ROAD, 7TH BLOCK, P.B.NO. 9516, KORMANGALA, BANGLORE-95.
75.	CONDUIT (RIGID)	ELECTRICAL CONDUIT WORKS 32, EZRA STREET, KOLKATA SUNIL ELECTRIC COMPANY 158, KM SHARMA MARG, (LOHAR CHAWL), P.B. NO. 2794 MUMBAI-400 002. M. CHANDRA & CO. 22, RABINDRA SARANI KOLKATA-700 073. ANKUR ELECTRICALS INDUSTRIAL ESTATE ALIGARH-202 001.
76.	CONDUIT (FLEXIBLE)	PILICA INDIA PVT. LTD. 149, MODEL TOWN (EAST) GAZIABAD-201 009





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Suggested Sub Vendor/Sub-contractor List applicable for Module M3

S.NO.	ITEM DESCRIPTION	SUGGESTED SUB VENDOR
		KUNAL ASSOCIATES PREM NAGAR NO.4 A-104, GYMKHANA X ROAD, BORIVELI(WEST) MUMBAI-400 092.
77.	CABLE GLAND	STANDARD METAL INDUSTRIES, VEER SAVARKAR MARG, NEAR ASHA INDUSTRIAL ESTATE, VIRAR(EAST) MUMBAI-401 303
		COMET NUTAN CHEMICAL COMPOUND WAIBHAT ROAD, GOREGAON (EAST) MUMBAI-400 063.
		ELECTRONAL INDUSTRIES 27/28A, NEW EMPIRE INDUSTRIAL ESTATE KONDIVITA LANE J.B. NAGAR ANDHERI(E) MUMBAI- 400 059.
78.	HILTI	HILTI INDIA PVT. LTD. F 90/4, OKHLA INDUSTRIAL AREA PHASE 1, NEW DELHI





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Section-E

LIST OF SUGGESTED SUB-VENDORS FOR MODULE M4- ELECTRICAL SYSTEM





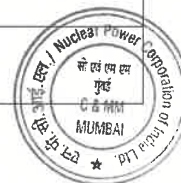
NUCLEAR POWER CORPORATION OF INDIA LIMITED
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Suggested Sub Vendor/Sub-contractor List applicable for Module M4

S.No.	Item Description	Suggested Sub Vendor
1	6.6 kV SWITCHGEAR	Schneider Electric
		Siemens Ltd.
		BHEL
		ABB
		Crompton Greaves Power & Industrial Solution Ltd.
		L&T, Ahmednagar
	6.6 kV BUS DUCTS	BHEL
		Powergear Limited, Bangalore
		Narmada Switchgear, Bhopal
		C&S Electric Ltd. Noida
		REEP Industries Ltd., Chennai
		Enpro Engineering, Chennai
		Stardrive Busducts, Chennai
2	AUXILIARY TRANSFORMERS	Bharat Heavy Electricals Ltd.
		Toshiba Transmission and Distribution India Pvt. Ltd.
		Kirloskar Power Equipment, Pune
		Voltamp Transformers Ltd., Vadodara
		Crompton Greaves Power & Industrial Solution Ltd.
3	415V AC & 500 V DC SWITCH GEAR	L&T
		Siemens
		Schneider Electric
	415V BUS DUCTS	C&S Electric Ltd. Noida
		Powergear, Bangalore
		C&S Electric Ltd. Noida
		Reep Industries, Chennai
		Enpro Engineering, Chennai
		Stardrive Busducts, Chennai
4	415V MCCs AND PMCCs	L&T
		Siemens Ltd.
		Schneider Electric
5	AC DISTRIBUTION BOARDS/DC DISTRIBUTION BOARDS/LIGHTING BOARDS	Siemens Ltd.
		L&T
		C&S Electric Ltd. Noida
		Havells , New Delhi (for Lighting panels, Lighting boards)
		Schneider Electric
6	POWER UPS AND SINGLE PHASE UPS	Dubas Engineering Pvt Ltd

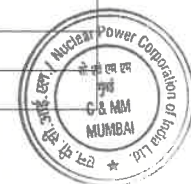




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Suggested Sub Vendor/Sub-contractor List applicable for Module M4

S.No.	Item Description	Suggested Sub Vendor
	VVVF STARTER	Vertiv
		Kerala State Electronics Development Co Ltd. (KELTRON), Thiruvananthapuram
		Siemens Ltd.
		L&T
		ABB
		Crompton Greaves ltd., Bhopal
		Amtech Electronics (India) Ltd. Gandhinagar
7	SINGLE PHASE INVERTER	KELTRON, Thiruvananthapuram
		Hirel, Gandhinagar
		Dubas Engineering Pvt Ltd
		Vertiv
8	CONTROL RECTIFIERS, CHARGERS, POWER SUPPLY PANELS AND LOAD BANKS	Amar Raja Power Systems, Tirupati
		Chhabi Electronics, Mumbai
		Dubas Engineering Pvt Ltd
		Vertiv
		Caldyne, Kolkata
		HBL Power System, Hyderabad
		KELTRON, Thiruvananthapuram
9	POWER AND CONTROL BATTERIES	Statcon Power Controls Ltd., NOIDA
		Exide Industries Ltd, Kolkata (for flooded lead acid and VRLA batteries)
		Microtex Energy Private Limited (for flooded lead acid and VRLA batteries up to 1200 AH)
		Panacea Alloys (Flooded lead acid batteries only)
10	SYNCHRONISING PANELS	GE T&D India Limited
		Siemens Ltd.
		BHEL
		ABB
		Aartech Solonics
		L & T
11	HV POWER CABLES	Schneider Electric
		Universal Cables, Satna
		KEC International (earlier RPG Cables)
		Apar Industries Ltd.
		Torrent Cables Ltd.
		Finolex Cables Ltd.
		Paramount Cable Corporation





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Suggested Sub Vendor/Sub-contractor List applicable for Module M4

S.No.	Item Description	Suggested Sub Vendor
12	415V POWER CABLES	KEI Industries
		Polycab Wires Pvt. Ltd
		Universal Cables, Satna
		Apar Industries Ltd.
		KEC International
		Industrial Cables
		Torrent Cables
		Finolex Cables Ltd, Pune
		Polycab Wires Pvt. Ltd.
		KEI Industries
		Paramount Cables Corporation
		Havells India Ltd.
13	ELECTRICAL CONTROL CABLES	Ravin Cables Ltd.
		KEC International
		Finolex Cables Ltd
		Polycab Wires Pvt. Ltd.
		Apar Industries Ltd.
		Universal Cables, Satna
		Radiant Cables
		Paramount Cable Corporation
		KEI Industries
		Torrent Cables Ltd
14	EPR INSULATED LHLS SHEATHED UNARMoured INSTRUMENTATION CABLES	Ravin Cables Ltd
		Apar Industries Ltd. (Unit : Uniflex Cables, Mumbai)
		Advance Cables, Bangalore
		Radiant Cables, Hyderabad
15	FIRE SURVIVAL INSTRUMENTATION CABLES	Servel, Delhi
		Apar Industries Ltd. (Unit : Uniflex Cables, Mumbai)
		Advance Cables, Bangalore
		Radiant Cables, Hyderabad
16	EPR INSULATED LHLS SHEATHED UNARMoured UNSHIELDED CONTROL CABLES	Servel, Delhi
		Apar Industries Ltd. (Unit : Uniflex Cables, Mumbai)
		Advance Cables, Bangalore
		Radiant Cables, Hyderabad
17	THERMO COUPLE EXTENSION CABLES	Servel, Delhi
		Apar Industries Ltd. (Unit : Uniflex Cables, Mumbai)
		Advance Cables, Bangalore





Suggested Sub Vendor/Sub-contractor List applicable for Module M4		
S.No.	Item Description	Suggested Sub Vendor
18	EPR INSULATED LHLS SHEATHED ARMoured CONTROL CABLES	Radiant Cables, Hyderabad
		Servel, Delhi
		Apar Industries Ltd. (Unit : Uniflex Cables, Mumbai)
		Advance Cables, Bangalore
19	LIGHTING FIXTURES / UNDER WATER LIGHTING FIXTURES	Radiant Cables, Hyderabad
		Servel, Delhi
		Bajaj Electricals Ltd
		Crompton Greaves Consumer Electricals Ltd.
		Philips Lighting India Ltd.
		Wipro Enterprises Ltd
		Baliga Stahl Ltd
		Flame proof Control Gear, Daman
		Prompt Engineering Works, Mumbai
		Ajmera Electrotech LLP, Navi Mumbai
20	CABLE TRAY AND ACCESSORIES	Superkino Equipment Pvt. Ltd., Mumbai
		Prolite Autoglo Ltd
		Kanade Anand Udyog Private Ltd., Mumbai
		Indiana Cable Trays, Mumbai
		Indiana Gratings Pvt. Ltd.
		Patny Systems, Secunderabad
		Asian Ancillary Corporation, Mumbai
		Indmark Formtech Pvt. Ltd., Pune
21	ELEVATORS	Vinfab Engineers India Pvt Ltd, Wada
		TJSV Steel Fabrication & Galvanizing
22	POWER FEEDTHROUGHS FOR POWER ELECTRICAL PENETRATION ASSEMBLIES (EPAs) AND C&I FEED THROUGHS FOR C&I EPAs.	OTIS Elevators Ltd., Mumbai
		Kone Elevator India Pvt Ltd., Chennai
		Fluoro-tech Engineering Pvt. Ltd.
23	FIRE BARRIERS	Hydrodyne (India) Pvt Ltd.
		Techno Instruments
		Signum Fire Protection India Pvt.Ltd., Nagpur; for both in-door and out-door Fire barriers
		Navair, Delhi; for both in-door and out-door fire barriers
		Multikil; for in-door fire barriers only.





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S.No.	Item Description	Suggested Sub Vendor
	FIRE BREAKS	Signum Fire Protection India Pvt.Ltd., Nagpur; for in-door fire breaks only Vijay Systems Engineers Pvt Ltd.
24	Cable glands	Standard Metal Industries (SMI)
		Comet
		Braco Electricals (India) Private Ltd, Thane
		Dowell Cable Accessories Pvt. Ltd., Sarigram, Gujarat
	Lugs	3D
		Comet
		Braco Electricals (India) Private Ltd, Thane
		M/s Dowells Electricals, Silvassa
	Connectors, Terminals	Elmex,
		Connectwell
		Dowells Electricals, Silvassa
	Structural Steel & MS flats/ plates	Essar
		Jindal
		SAIL
		TISCO
		IISCO
		RINL
	Fasteners	Hilti for SSE buildings (TI)
		Anchor/ Dash/ Aristocrat for other buildings
		Fischer (for all buildings)
	Receptacles (Industrial type)	Best & Crompton Engg. Limited
		Maktel Control & Systems, Vadodara
		Bhartia Cutler Hammer Electric Ltd.
	Earthing leads/wires/conductors	Balaji Wires Ltd., Ghaziabad
		GIC Insuflex Conductors Pvt. Ltd
		Bharat Wire Ropes Ltd., Atgaon
	FRLS PVC wires	RR Kables Ltd., Silvassa
		Polycab Wires Pvt. Ltd.
		Apar Industries Ltd.
		Finolex Cables Ltd
	Hot dip galvanized Junction and Pull boxes and BMK	Hi-tech Electrification Engineers, Ankleshwar
		Reliable Electricals





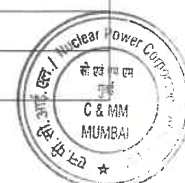
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Suggested Sub Vendor/Sub-contractor List applicable for Module M4		
S.No.	Item Description	Suggested Sub Vendor
		Popular Switchgear
		Unitech Automation Pvt Ltd., Satara
		Maktel Control & Systems, Vadodara
		Pyrotech Electronics Pvt Ltd., Udaipur
		Havells, New Delhi
		Moti Enterprise, Surat
	GI Pipes	Jindal pipes Ltd., Ghaziabad
		Utkarsh tubes and pipes Ltd.
		Balaji Industrial Corporation, Haryana
	6.6 KV Electrical Cable Termination kits	3M Electro & Communication India Pvt. Ltd. (Other than RB area applications)
		M/s Raychem RPG (P) Ltd.
	Heavy duty seamless pipe	Maxim Tubes Company Pvt. Ltd.
		Ratnamani Metals & Tubes
		Maitri Pipe Centre
		Mann Indus, Indore
		PSL, Daman
		Maharashtra Seamless, Raigarh
25	PROTECTION PANELS FOR GENERATOR, GENERATOR TRANSFORMER, UNIT TRANSFORMER, START UP TRANSFORMER, LINE AND CONTROL PANELS	Mukund Pipes
		GE T&D India Limited
		Siemens Ltd.
		BHEL
		ABB
		L&T
		Pyrotech Electronics Pvt Ltd., Udaipur (For control panels only)
26	ESCADA AND GPS TIME SYNCHRONIZING SYSTEM	Schneider Electric
		Siemens Ltd.
		GE T&D India Limited
		L&T
		ABB
27	420KV AND 245KV CIRCUIT BREAKER	Schneider Electric
		Crompton Greaves Power & Industrial Solution Ltd..
		ABB
		GE T&D India Limited
28	420KV AND 245KV ISOLATORS AND EARTH SWITCHES	Siemens Ltd.
		Siemens Ltd.(Elpro)
		G R Power Switchgear Ltd.
		S&S Power Switchgear Ltd
		Switchgears & Structurals (India) Pvt. Ltd.



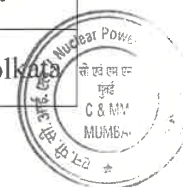
	NUCLEAR POWER CORPORATION OF INDIA LIMITED	
	RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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Suggested Sub Vendor/Sub-contractor List applicable for Module M4		
S.No.	Item Description	Suggested Sub Vendor
		Raychem RPG (HIVELM)
		Elpro International Ltd.
29	336kV, 216kV & 120kV SURGE ARRESTORS	Crompton Greaves Power & Industrial Solution Ltd.
		Oblum Electrical Industries Pvt Ltd.
30	420KV AND 245KV INSTRUMENT TRANSFORMERS	Crompton Greaves Power & Industrial Solution Ltd.
		ABB
		GE T&D India Limited
		Mehru (For 245KV Current Transformer)
31	420kV & 245kV INSULATORS AND STRING HARDWARE	W.S. Industries Ltd.
		Aditya Birla Insulators
		Modern Insulators
		Insulators & Electricals Company
		BHEL
		Sarvana Global Energy Limited (For solid core post insulators)
32	ACSR/AAAC CONDUCTOR/SHIELD WIRE	Cabcon India Ltd.
		Sharavathy Conductors Pvt. Ltd.
		Gupta Power Infrastructure Ltd.
		Bharat Wire Rope Ltd. (Only for Shield wire)
		Apar Industries Ltd.
		Smita Conductors Pvt. Ltd.
33	CLAMPS & CONNECTORS / INSULATOR HARDWARES	Rashtra Udyog
		Klemmen Engg
		Megha Engineering
		PeeVee Engineering Enterprise
		International Transmission Ltd.
		Supreme & Co. Pvt Ltd., Howrah, West Bengal
34	BUS CONDUCTOR TUBES	Indalco
		Jindal
		Sterlite
		Balco
		Hindalco
		Sudal Industries Ltd, Mumbai
35		L&T Ltd.
		Kalpataru Power Transmission





Suggested Sub Vendor/Sub-contractor List applicable for Module M4		
S.No.	Item Description	Suggested Sub Vendor
	SWITCHYARD STRUCTURES (LATTICE & PIPES) & LIGHTING MAST	Jyoti Structure
		Bajaj Electricals
		Richardson & Cruddas
		R.S. Infrastructure Pvt Ltd.
		Goodluck steel & tubes Ltd.
		Rabi Engineering works
		Utkarsh Tubes & Pipes Ltd..
		New Modern Technomech Pvt. Ltd.
		Steel Product
36	TRANSMISSION LINE TOWERS	L&T Ltd
		Kalpitaru Power Transmission
		Jyoti Structures Limited
		KEC International
		R.S. Infraprojects Pvt Ltd.
		Goodluck Steel & Tubes Ltd.
		Utkarsh Tubes & Pipes Ltd.
		New Modern Technomech Pvt. Ltd.
37	STATION AND BILLING METERING PANELS	Steel Products ltd.
		GE T&D India Limited
		Siemens Ltd.
		BHEL
		ABB
		L & T
38	COPPER GROUNDING / EARTHING CONDUCTOR, RODS & PADS	Schneider Electric
		GIC Insuflex Conductors Pvt Ltd., Mumbai
39	EARTHING MATERIAL (MS & GI)	Bharat Wire Ropes Ltd
		Premier Power Products (Calcutta) Pvt. Ltd., Kolkata, West Bengal
		SAIL
40	CIRCUIT BREAKER OPERATION ANALYZER WITH TRANSDUCER	Rashtriya Ispat Nigam Ltd.
		Scope T&M Pvt. Ltd., Pune, Maharashtra
41	245kV CABLE AND ITS ACCESSORIES	Wika Instruments India Pvt. Ltd., Pune, Maharashtra
		Universal Cables Ltd., Satna
42	SF6 GAS LEAKAGE DETECTOR	LS Cable India Pvt ltd.
		Scope T&M Pvt. Ltd., Pune, Maharashtra
		Hi Tech Systems & Services Limited, Kolkata





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SECTION-E
Additional Away From Reactor (AAFR)
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Suggested Sub Vendor/Sub-contractor List applicable for Module M4

S.No.	Item Description	Suggested Sub Vendor
43	PORATABLE SF6 GAS FILING AND EVACUATION EQUIPMENT	Wika Instruments India Pvt. Ltd., Pune, Maharashtra
		Hi Tech Systems & Services Limited, Kolkata
44	SF6 GAS FILTERING, DRYING, RECYCLING AND STORAGE PLANT	Wika Instruments India Pvt. Ltd., Pune, Maharashtra
		Hi Tech Systems & Services Limited, Kolkata
45	SF6 GAS COMPOSITION ANALYZER FOR DETECTING AIR CONTENT AND MOISTURE CONTENT	Wika Instruments India Pvt. Ltd., Pune, Maharashtra
		Hi Tech Systems & Services Limited, Kolkata



NUCLEAR POWER CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Nabhikiya Urja Bhavan,
Anushaktinagar, Mumbai 400094.



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

SECTION - E

**LIST OF SUGGESTED VENDORS/SUPPLIERS FOR
MODULE-M5: C&I SYSTEMS**



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NUCLEAR POWER CORPORATION OF INDIA LIMITED		
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THIS SECTION CONTAINS THE LIST OF SUGGESTED SUB-VENDORS/SUPPLIER(S) FOR SUPPLY ITEMS AND ERECTION HARDWARE ITEMS OF AAFR C&I SUB-MODULE:

The list of suggested sub-vendor/supplier(s) are based on general technical acceptability. Bidder/Contractor will be responsible for ensuring capability of subcontractors/vendors and compliance to all the conditions and requirements of tender. To ensure compliance with the above, successful bidder/contractor shall carry out evaluation of the approved sub-contractors/vendors just before sub-contracting/placement of sub-purchase order and submit the evaluation report for acceptance of the purchaser requesting consent for sub-contracting. Evaluation of New supplier(s) shall be done by the vendor which is further put up to the Purchaser for acceptance and approval.

Time taken for evaluation and approval of new sub-vender/supplier(s) cannot be a reason for delayed supply and it is vendor's responsibility to meet the delivery schedule. Limitation in number of suppliers for any item/sub-item/component shall not be considered as hindrance during execution of contract.

BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
1.0	SS tube	M/s. RATNAMANI, AHMEDABAD
		M/s. REMI EDELSTAHL TUBULARS LTD, BOISAR
		M/s. NFC, HYDERABAD.
		M/s. FINE TUBES, UK
		M/s. SANDVIK, SWEDEN
2.0	SS tube fittings.	M/s. SWAGELOK (I)
		M/s. PARKER HANNIFIN (I)
		M/s. SUPER TECHNICAL INDIA PVT LTD (FOR PARKER MAKE)
		M/s. EMERSON INDIA, PUNE
		M/s. BOMBAY FLUIDS, MUMBAI (FOR SWAGELOK MAKE)
3.0	Thermowells	M/s. TEMPTech, MUMBAI
		M/s. TEMPSENS, UDAIPUR
		M/s. GENERAL INSTRUMENTS, MUMBAI
		M/s. PYRO ELECTRIC, GOA
		M/s. SWAGELOK (I)
	Instrument isolating valves	M/s. PANAM ENGINEERS LIMITED, MUMBAI
		M/s. SCHNEIDER

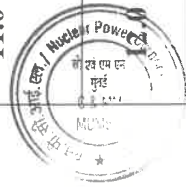


NUCLEAR POWER CORPORATION OF INDIA LIMITED		
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Module-M5: C&I Systems		Section: E
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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
5.0	SS Packed 3 valve and 5 valve manifold	M/s. PARKER HANNIFIN (I)
		M/s. FLUID CONTROLS, MUMBAI
		M/s. ASTEC INSTRUMENTS, MUMBAI
		M/s. BVMI PROCESS ENGINEERING, MUMBAI
		M/s. VELAN VALVES INDIA, COIMBATORE
		M/s. EXEL HYDRO PNEUMATIC, MUMBAI
		M/s. EMERSON INDIA, PUNE
		M/s. BALDOTA VALVE & FITTING CO. PVT LTD, MUMBAI
		M/s. ASTEC INSTRUMENTS, MUMBAI
		M/s. PANAM ENGINEERS LIMITED, MUMBAI
		M/s. SCHNEIDER
		M/s. EXCEL HYDRO MUMBAI
		M/s. STARMECH, PUNE
		M/s. BALDOTA VALVE & FITTING CO. PVT LTD, MUMBAI
		M/s. SWAGELOK (I)
6.0	SS Bourdon type /Diaphragm Type Pressure Gauges	M/s. PARKER HANNIFIN (I)
		M/s. THOMSON VALVES, U.K.
		M/s. BVMI PROCESS ENGINEERING, MUMBAI
		M/s. VELAN VALVES INDIA, COIMBATORE
		M/s. EMERSON INDIA, PUNE
		M/s. FLUID CONTROLS PVT. LTD., MUMBAI
		M/s. BAUMER TECHNOLOGIES INDIA PVT. LTD, VAPI
		M/s. GAUGES BOURDON INDIA PVT. LTD, PANVEL
		M/s. FORBES MARSHALL PVT LTD, HYDERABAD
		M/s. PRECISION INDUSTRIES, AHMEDABAD
		M/s. WALCHANDNAGAR, MUMBAI
		M/s. GENERAL INSTRUMENTS, MUMBAI.
		M/s. WIKA, PUNE
		M/s. ASHCROFT, U.K.
		M/s. BAUMER TECHNOLOGIES INDIA PVT. LTD, VAPI



BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
8.0	Bimetal type Temperature Gauge with Thermowell	M/s. GAUGES BOURDON INDIA PVT. LTD, PANVEL
		M/s. FORBES MARSHALL PVT LTD, HYDERABAD
		M/s. PRECISION INDUSTRIES, AHMEDABAD
		M/s. WALCHANDNAGAR, MUMBAI
		M/s. GENERAL INSTRUMENTS, MUMBAI.
9.0 & 33.0	General Purpose RTDs and Multipoint temperature Assembly	M/s. WIKA, PUNE
		M/s. ASHCROFT, U.K.
		M/s. TEMP-TECH, MUMBAI
		M/s. GAUGES BOURDON INDIA PVT. LTD, PANVEL
		M/s. FORBES MARSHALL PVT LTD, HYDERABAD
10.0	Analog Transmitters (Pressure and Differential Pressure type)	M/s. BAUMER TECHNOLOGIES INDIA PVT. LTD, VAPI
		M/s. WIKA, PUNE
		M/s. WALCHANDNAGAR
		M/s. PYRO ELECTRIC, GOA
		M/s. GENERAL INSTRUMENTS, MUMBAI
11.0	Conductivity Sensors with Transmitters	M/s. THERMAL INSTRUMENTS, SAWANTWADI
		M/s. TEMP TECH, MUMBAI
		M/s. TECHNO INSTRUMENTS, AHMEDABAD
		M/s. TEMPSENS, UDAIPUR
		M/s. EMERSON, MUMBAI
11.0	pH element & Transmitter	M/s. BALDOTA CONTROL & EQUIPMENTS PVT LTD, MUMBAI
		CONTRACTOR MAY PROPOSE SUITABLE VENDOR FOR NPCIL APPROVAL
		M/s. EMERSON PROCESS(I) LTD
		M/s. ORBIT TECHNOLOGIES, HYDERABAD (SWAN MAKE)
		M/s. FORBES MARSHALL PVT. LTD.
11.0	Conductivity Sensors with Transmitters	M/s. HACH COMPANY
		M/s. METTLER TOLEDO
		M/s. EMERSON PROCESS(I) LTD
		M/s. ORBIT TECHNOLOGIES, HYDERABAD (SWAN MAKE)
		M/s. HACH COMPANY



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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
13.0	Ultrasonic Level Transmitter	M/s. METTLER TOLEDO
		M/s. FORBES MARSHALL PVT. LTD.
		M/s. KTEK LEVEL ENGG., NAVI MUMBAI/ ABB, BENGALURU
		M/s. PUNE TECHTROL PVT LTD, PUNE
		M/s. SBEM PVT LTD., PUNE
		M/s. NEVELCO, MUMBAI
		M/s. KROHNE MARSHALL LTD, PUNE
		M/s. MAGNETROL, MUMBAI.
		M/s. ENDRESS HAUSER, MUMBAI
		M/s. EIP ENVIRO LEVEL CONTROLS PVT LTD
14.0	Thermal Mass flow meter	M/s. KURZ, USA (M/s CHANDAK INSTRUMENTS PVT. LTD., NAGPUR)
		M/s. SAGE, USA
		M/s. ENDRESS & HAUSER , MUMBAI
		M/s. FCI, USA
		M/s. MTS ENGINEERS
15.0	Radar Type Level Transmitters	M/s. CS INSTRUMENT GmBH, GERMANY
		M/s. ABB INSTRUMENTS (K-TEK), FARIDABAD/ MUMBAI
		M/s. MAGNETROL, MUMBAI
		M/s. EMERSON, MUMBAI
		M/s. VEGA INSTRUMENTS
16.0	Radiation Resistant Terminal Blocks and Accessories	M/s. EIP ENVIRO LEVEL CONTROLS PVT LTD
		M/s. ENDRESS & HAUSER, GERMANY
		M/s. ELMEX CONTROLS PVT. LTD., BARODA
		M/s. CONNECTWELL INDUSTRIES PVT LTD.
		M/s. WEIDMULLER INDIA BANGLORE
	Junction Boxes for General Purpose	M/s. RELIABLE ELECTRICALS, MUMBAI
		M/s. ECIL, HYDERABAD
		M/s. PYROTECH, UDAIPUR
		M/s. WEIDMULAR, BENGALURU
		M/s. PEPPERAL & FUCHS, BENGALURU



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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
		M/s. INDUSTRIAL CONTROLS AND APPLIANCES, MUMBAI M/s. SUN INDUSTRIAL AUTOMATION & SOLUTIONS., CHENNAI M/s. FABIONIX (INDIA) PVT LTD., BIDADI (BANGALORE) M/s. RITTAL, BANGLORE M/s. SUN INDUSTRIAL AUTOMATION & SOLUTIONS., CHENNAI M/s. ECIL, HYDERABAD M/s. PYROTECH, UDAIPUR M/s. INDUSTRIAL CONTROLS AND APPLIANCES, MUMBAI M/s. KEAS CONTROLS, COIMBATORE M/s. RELIABLE ELECTRICALS, MUMBAI M/s. SCHNEIDER ELECTRIC PRESIDENT SYSTEM, BENGALURU M/s. RITTAL, BANGLORE M/s. FABIONIX (INDIA) PVT LTD., BIDADI (BANGALORE) M/s. ELECTROMAC INDUSTRIES, MUMBAI M/s. COMET, MUMBAI M/s. ALLEN BRADLY M/s. ECIL M/s. FORBES MARSHALL M/s. SCHNEIDER ELECTRIC M/s. SIEMENS M/s. SMAR M/s. DOOSAN HF CONTROLS M/s. FUJI M/s. BHEL ELECTRONIC DIVISION, BANGALORE M/s. FOX CONTROLS (INTEGRATOR) M/s. PINNACLE INDUSTRIAL CONTROLS (INTEGRATOR) M/s. CONSULTA ENTERPRISES (INTEGRATOR) M/s. BALDOTA CONTROLS (INTEGRATOR) M/s. TECHNOCRATS SECURITY SYSTEMS LTD. (INTEGRATOR) M/s. STERLING AND WILSON PVT. LTD.(INTEGRATOR)
18.0	Local Control Panels/Racks with Type ID and Dim. (WxDxH) in mm.	
29.0	Brass Nickel plated with Chromium finish Cable Glands & Plugs	
23.0 & 24.0	Programmable Logic Controller system for AC & Ventilation System and Water Systems & RMS	



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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
		M/s. HARITASA ELECTRONICS SOLUTIONS PVT LTD. (INTEGRATOR)
		M/s. ELECTRONICS CORPORATION OF INDIA LIMITED (INTEGRATOR)
		M/s. HARITASA ELECTRONICS SOLUTIONS PVT LTD. (INTEGRATOR)
		M/s. STERLING AND WILSON PVT. LTD.(INTEGRATOR)
		M/s. TECHNOCRATS SECURITY SYSTEMS LTD. (INTEGRATOR)
		M/s. ELECTRONICS CORPORATION OF INDIA LIMITED (INTEGRATOR)
		M/s. HEXXA GEO SYSTEMS PVT. LTD. (INTEGRATOR)
		M/s. HARITASA ELECTRONICS SOLUTIONS PVT LTD. (INTEGRATOR)
		M/s. SAIL
		M/s. TISCO
		M/s. MUKUND STEEL
		M/s. IISCO
		M/s. RINL
		M/s. JINDAL
		M/s. ASIAN ANCILLARY CORPORATION, MUMBAI-400 078.
		M/s. PATNY SYSTEMS PVT LTD, SECUNDERABAD
		M/s. KANADE ANAND UDYOG PVT LTD.
		M/s. DIAMOND METAL SCREEN PVT. LTD., BELGAUM
		M/s. OBO BETTERMANN, CHENNAI
		M/s. ALCON, PUNE
		M/s. PROFAB ENGINEERS, MUMBAI
		M/s. IGUS INDIA ., B'LORE (FRPS)
		M/s. RELIABLE ELECTRICALS, MUMBAI
		M/s. PYROTECH, UDAIPUR
		M/s. FABIONIX
		M/s. AJMERA ELECTROTCH LLP, NAVI MUMBAI
		M/s. BEC CONDUITS PVT LTD, DELHI
		M/s. RMG STEELS PVT LTD, NOIDA
		M/s. FLEX TUBES ., INDORE, M.P
37.0	Fire Alarm System	
38.0	Physical Protection System (PPS)	
25.0	Structural Steel (IS 2062) /Pipe (IS-1239) for Instrument Support Stands(ISSs), Support stands/brackets for panels/ racks, JB support stands/brackets, tube rigid supports, valve supports, Support for light channel etc.	
26.0	MS hot dip galvanized light channels including accessories as per technical details, sketch & QA plan.	
27.0	Epoxy Powder coated MS pull-out boxes with cover plate, in square shape as per technical details & QA plan.	
	Supply of hot dipped galvanized MS rigid/flexible conduits including accessories viz.2 way/3 way/4 way boxes, elbows, inspection bends, couplers, check	



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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
	nuts, fasteners, gaskets, lead rawal plugs, saddles, spacers etc. as per technical details & QA plan.	
29.0	Hot dipped galvanized GI pipes including accessories viz. 2 way/3 way/4 way boxes, elbows, inspection bends, couplers, check nuts, fasteners, gaskets, lead rawal plugs, saddles, spacers etc.	M/s. UTKARSH TUBES & PIPES LIMITED, HOWRAH
30.0	Nickel Plated Double Compression, Brass Cable Glands (NPT or metric straight thread) for following Cables as per technical details & QA plan.	M/s. STANDARD METAL INDUSTRIES, MUMBAI M/s. BRACO ELECTRICALS (INDIA) PVT LTD, THANE M/s. COMET, MUMBAI
31.0	Hilti bolts for installation of Panels/Racks, JBs, ISSs & Air accumulator tanks.	M/s. HILTI INDIA PVT. LTD.
32.0	Bus bars and Insulators for I&C signal grounding	M/s. PYROTECH, UDAIPUR M/s. ECIL, HYDERABAD M/s. RELIABLE ELECTRICALS, MUMBAI M/s. ECIL, HYDERABAD
40.0 to 48.0	Radiation Monitors	CONTRACTOR MAY PROPOSE SUITABLE ALTERNATE VENDOR FOR NPCIL APPROVAL
47	Beetle Monitoring System	M/s. CT CONTROL TECHNOLOGY INDIA PVT LTD CONTRACTOR MAY PROPOSE SUITABLE ALTERNATE VENDOR FOR NPCIL APPROVAL
33.0	Paddle Type Flow Switch	M/s. WIKA, PUNE CONTRACTOR MAY PROPOSE SUITABLE ALTERNATE VENDOR FOR NPCIL APPROVAL
	Multipair Copper Conductor EPR Insulated Overall shielded LHLS Sheathed Un-armoured Instrumentation	M/s. UNIFLEX CABLES, MUMBAI M/s. RADIANT CABLES, HYDERABAD M/s. ADVANCE CABLES, BANGALORE



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BOQ Item No.	Item Description	Name of Suggested Vendors/Suppliers
	Cables	
19.2	EPR Insulated LHLS Sheathed Un-armoured un-shielded Instrumentation Cables	M/s. UNIFLEX CABLES, MUMBAI
		M/s. RADIANT CABLES, HYDERABAD
		M/s. ADVANCE CABLES, BANGALORE
22.0	EPR Insulated LHLS Sheathed Armoured Control Cables	M/s. UNIFLEX CABLES, MUMBAI
		M/s. RADIANT CABLES, HYDERABAD
		M/s. AJMERA ELECTROTECH LLP, NAVI MUMBAI
		M/s. ADVANCE CABLES, BANGALORE
43.7 & 43.8	RG-59 & RG-62 Co-axial Cables	CONTRACTOR MAY PROPOSE SUITABLE VENDOR FOR NPCIL APPROVAL



 राष्ट्र की सेवा में एनपीसीएल NPCIL RAJASTHAN IN THE SERVICE OF THE NATION राजस्थान में राष्ट्र की सेवा में राजस्थान एनपीसीएल लिमिटेड	NUCLEAR POWER CORPORATION OF INDIA LIMITED	
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Section - E

LIST OF SUGGESTED SUB-VENDORS

FOR MODULE

M6-MATERIAL HANDLING SYSTEMS



 राष्ट्र की सेवा में समर्पण एनयूसीएल NPCI राष्ट्र की सेवा में समर्पण Nuclear Power Corporation of India Limited	NUCLEAR POWER CORPORATION OF INDIA LIMITED	
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Suggested sub-contractor list for Module M6

S.No.	Item Description	Sub-Contractor Name (M/s)
1.	Cranes & Accessories For Cranes	Unique Industrial Handlers Pvt Ltd
		Mukand Cranes Pvt Ltd., Mumbai
		Electromech Pvt Ltd., Pune.
		Anupam, Anand.
		Hevenk Raft, Thane
		Consolidated Hoist Pvt Ltd, Pune.
		Hercules Hoist Ltd., Mumbai
		Unitek, Bangalore.
		Limit Switches: Ge / BCH/ Speedo-Control.
		VVVF: ABB, Telemecanique, Siemens, Alenbradly.
		Hooks: Steel Forgings, Smriti Forgings
		Wire Ropes: Bharat Wire Ropes, Usha Martin
		Brakes: Speed-O-Controls, Emco Lenze, Electromag, Pethe.
		DSL : Safe Line, Safe Track, Armatic, Mobilis Elite
		Manual Hoist: Indef, Brady & Morris



Section- E

LIST OF SUGGESTED SUB-VENDORS

FOR MODULE -M7



LIST OF SUGGESTED SUB-VENDORS

List of suggested sub-vendors for various raw materials, boughout items, standard items, heat treatment, surface treatment, machined items, manufactured items, process and control items required for Fuel Handling Equipment for AAFR is as given below. The list of suggested sub-vendors are not to be construed as approved sub-vendors by NPCIL. These sub-vendors will be acceptable to NPCIL only when they meet the requirements spelt out in the Tender Specifications and drawings.

A. RAW MATERIALS

S. No.	Description	Suggested Sub-Vendors
1.	Aluminium Bronze Bars, Forged and Extruded	M/s Ampco Metal S.A, Rte De Chesalles, Marly, 1723 Switzerland
		M/s. Zollen Vertriebs GmbH &Co, Postfach 1220, D-72481, Sigmaringen, Germany
		M/s. N C Ashton Ltd, St Andrews Home, St Andrew Road, Huddeva Field, UK
2.	SS 17-4PH bars	M/s. Mishra Dhatu Nigam Ltd, P.O Kanchanbagh, Hyderabad-500258
		M/s Star Wire (India) Ltd., Ballabgarh, Faridabad, Haryana - 121004
		M/s Saarloha Advanced materials Pvt. Ltd., (erstwhile M/s. Kalyani Carpenter Spl.Steels), Mudhwa, Pune - 411036
		Acciaierie Valbruna,S.P.A., Spain
		M/s Hy Temp, Harries Road, Sheffield, 56 1 RP, UK.
3.	SS 304L Plates	M/s. Jindal Stainless ltd, Hisar, Haryana
		M/s. Steel Authority of India Ltd, Maker Chamber IV, 12th floor, Nariman Point, Mumbai – 400021
4.	SS 304, 304L & 410 Bars	M/s Star Wire (India) Ltd., Ballabgarh, Faridabad, Haryana - 121004
		M/s Saarloha Advanced materials Pvt. Ltd., (erstwhile M/s. Kalyani Carpenter Spl.Steels), Mundhwa, Pune - 411036
		M/s. Steel Authority of India Ltd, Maker Chamber IV, 12th floor, Nariman Point, Mumbai – 400021
		M/s. Facor Steels, 46(A7B), MIDC Indistrial Estate, Nagpur, Maharastra-440028
		M/s. MUSCO, Mumbai



5.	Aluminium Bars & Plates	M/s. Indal Aluminium Co Ltd, No.1, 2nd Floor, Golden Enclave, Kilpauk, 184 Poonamalla High Road, Chennai – 600010
		M/s. Hindalco Industries Ltd, Marketing Head Office, Centur Bhavan, 3rd floor, DR Annie Besant Road, Worli, Mumbai - 400 030
		M/s. Jindal Aluminium Company, Bangalore
		M/s ACE-Ex, Aarey Colony, Goregaon(E), Mumbai-400063
		M/s Manjeera Machine Builders Pvt. Ltd., Flat No. 307 & 308, III Floor, Bhanu Enclave, Sundar Nagar Colony, Hyderabad – 500 038.
		M/s Rachamalla Forgings, Plot No. 86 CIEE, Gandhinagar, Balanagar, Hyderabad – 500 037
6.	SS Rolled Angle Sections	M/s.Chandan Steels, Gujarat
		M/s. Real Steels, B/11, Ground Floor, Anand Bhuvan, 163-165, VP Road, Mumbai-400004
7.	Thick SS Seamless Tubes	M/s. Ratnamani Metals & Tubes Ltd.
		M/s. Sandvik Asia Pvt. Ltd., Pune / Sandvik Ahmedabad
		M/s Tubacex Tubos Inoxidables S.A. Spain / Tubacex Prakash Pvt. Ltd. , Umargaon, India
8.	Carbon Steel Bars, Plates & Sections	M/s. Steel Authority of India Ltd, Maker Chamber IV, 12th floor, Nariman Point, Mumbai – 400021
		M/s Jindal Steel and Power, PB No. 16, Kharsia Road, Raigarh-4960041
9.	Alloy Steel (EN-24, En-36C)	M/s Saarloha Advanced materials Pvt. Ltd., (erstwhile M/s. Kalyani Carpenter Spl.Steels), Mudhwa, Pune - 411036
		M/s. Bay Forge Ltd. Palayanoor PO, Vedanthangal Road, Madhurantakam Taluka, Kanchipuram Dist,Tamil Nadu-6033308
		M/s Star Wire (India) Ltd., Ballabgarh, Faridabad, Haryana – 121004
10.	SS Seamless Pipes	M/s. Tubacex, India
		M/s. Arvind Pipes & Fitting Industries Pvt. Ltd., Plot No. 657, GIDC, Waghodia, Baroda.
		Welspun Speciality Solutions, Bharuch



11.	SS Pipe Fittings	MS Fittings manufacturing Co., Kolkatta
		Teekay Tubes Pvt. Ltd., Mumbai
		CSA Fittings, Navi Mumbai
		Fittech industries Pvt. Ltd., Thane
		M/s Hilton Forge, Mumbai
12.	CS Seamless Pipes	Jindal SAW Ltd., Sinnar, Maharastra
		ISMT, Pune
		Maharastra Seamless ltd. (MSL), Mumbai
		Heavy metal tubes (India) Pvt. Ltd., Ahmedabad
		Welspun Speciality Solutions, Bharuch

B. BOUGHTOUTS & STANDARD ITEMS

S. No.	Description	Suggested Sub-Vendors
1.	Special elastomeric Seals & V-belt	M/s Excellent Gasket Private Limited, 88 Kambar Street, Anbu Nagar, Keelkattalai Gr, Chennai, Tamil Nadu, India 600117
		M/s Darshan Rubbers, 64, Mahavir Estate Behind anupam cinema, Khokhra, Ahmadabad-380021
		M/s. Vako Seals, PO.9063, KRDN trust Estate, Off Aarey Road, Goregaon(E), Mumbai-400063
		M/s. Spare-Age India (P) Ltd., Plot No. A-403, Oil Seal house, Road No. 28, Wagle Industrial Estate, Thane, Mumbai -400604
2.	Springs	M/s. International Springs ,Thane, Mumbai
		M/s. Federn Fabrick, Padmalaya Towers, Janaki Avenue, MRC Nagar , Chennai-600028
		M/s Kiran Machine Tools Ltd., I-1, M.I.D.C., Industrial Area, Ajanta Road, Jalgaon – 425003.
3.	O-Rings & Seals for	M/s. Parker, India, Plot E-1 26, MIDC, TTC Indl. Estate, Mahape, Navi Mumbai - 400709



S. No.	Description	Suggested Sub-Vendors
	Hydraulic Cylinders	Distributor: M/s Perfect hydraulic Systems, 210, Punit Chambers, Sector-18, Turbhe, Navi-Mumbai- 400 705
4.	Lubricants, Adhesives & Sealants	M/s. Dilesh Sales Corporation, 222-A, Samuel Street, Tulsi Bhavan , Mumbai - 400003
5.	Paints	M/s. Kansai Nerolac Paints Ltd, Nerolack House, Ganpatrao Kadam Marg, Lower Parel, Mumbai- 400013
		M/s Asian Paints, India
		M/s Berger Paints, India
6.	SS Lock Wire	M/s. Venus Wires, Atkargaon, Khopoli-410203.
		M/s. Neelcon Steel Industries, 439, Pathe Bapurao Marg, Somji Bldg, SImpura Street, Mumbai
		M/s. Shah Steel, 146 Mahim Tura Marg, Mulfi Bldg, 1st floor, R No.18, Mumbai
7.	SS and HTS, Hex. Hd. Cap Screws, Bolts & Set Screws, Stud, Hex Nuts	M/s Bolt Master (India), D-1, Laghu Udyog Kendra, I B Patel Road, Goregaon (E), Mumbai - 400063
		M/s. LPS Bossard Pvt Ltd, Opp. Northern Bypass, Hissar Road, Rohtak-124001
		M/s. Fasteners & Allied Products Pvt. Ltd, M-3, Indl Estate, Gokul Road, Hubli - 580030
		M/s Caparo India, Plot No. 7, Maruti J.V. Complex, Delhi – Gurgaon Road, Gurgaon – 122015
		M/s Unbrako Fasteners limited
		M/s TVS Sundaram Fasteners limited
8.	Crane Hook	M/s Smriti Forgings, Kolkata



C. HEAT TREATMENT

S. No.	Description	Suggested Sub-Vendors
1.	Through-Hardening and Precipitation Hardening	M/s Heat Treaters, Ghatkopar, Mumbai
		M/s Shreedhar Industries Heat treaters, 705/13, Zone-F /12, Phase-4, GIDC, VU Nagar, Anand, Gujarat-388121
		M/s. Therelek Engineers Pvt. Ltd, 70-71, III Phase, Peenya Industrial Area, Bangalore-560058
		M/s Bodycote Metallurgical Service (I) Pvt. Ltd, D-41 , MLDC, Ranjangaon Industrial Area. Pune-41 10 18
		M/s. MTAR Technologies Ltd, 18, Technocrat Industrial Estate, Balanagar, Hyderabad-500037
		M/s. Avasarala Technologies Pvt. Limited, Bangalore, Karnataka
2.	Through-Hardening	Thermotouch Survey, 33/1/A/21 vil. Ambegaon, Khurd, Jambhulwadird, Tal. Haveli, Pune-411042

D. SURFACE TREATMENT

S. No.	Description	Suggested Sub-Vendors
1.	Hard Chrome Plating	M/s Duraguard Coatings Pvt Ltd, Plot No-B-95/2, Anand Nagar, MIDC, Ambernath, Thane, Maharashtra, India 421506
		Hycrome Industries, A-310 Wagle Industrial Estate Road No.'R', Off Road No.21, Thane Maharashtra India 400601
		M/s Yantra kaushalya Engineers Pvt. Ltd., Phase-iv, GIDC Estate, Vitthal Udyog Nagar, Anand, Gujarat-388121



S. No.	Description	Suggested Sub-Vendors
		M/s. MTAR Technologies Ltd, 18, Technocrat Industrial Estate, Balanagar, Hyderabad-500037
		M/s. Avasarala Technologies Pvt. Limited, Bangalore, Karnataka
2.	Cadmium Plating	M/s Suchira Electroplater, A-548, 20 Mt Wide Rd, MIDC Ind Area, Mahape, Navi Mumbai, Maharashtra- 400701

E. MACHINED COMPONENTS

S. No.	Description	Suggested Sub-Vendors
1.	Gear Machining	M/s Techno Gear Works Pvt.Ltd., Plot No.137, G.I.D.C. Gundlav, Dist Valsad. Gujarat-396 035
2.	Gear Machining	M/s Machine Tool Design & Controls, C-2/3, Sonal Ind. Estate, Sakivihar Road, Powai, Mumbai-72

F. MANUFACTURED ASSEMBLIES

S. No.	Description	Suggested Sub-Vendors
1.	Hydraulic Cylinder Assemblies (Non-Standard)	M/s Oscar Equipments Pvt. Ltd., Kolkatta, West Bengal
		M/s. MTAR Technologies Ltd, 18, Technocrat Industrial Estate, Balanagar, Hyderabad-500037



Annexure-I

Break-up price schedule for Supply

To be issued later



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

ANNEXURE-II

PRICE ADJUSTMENT FORMULA

- 1.1 The price adjustment formula to be applied to the Basic price (including P&F charges) - component of the supply items including spare shall be as follows:

$$EC_1 = EC \left\{ F + \frac{a.M_1}{M_0} + \frac{b.N_1}{N_0} + \frac{c.O_1}{O_0} + \frac{lb.L_1}{L_0} \right\}$$

Where,

EC₁ = Adjusted Basic Price components of items / equipment.

EC = Basic Price components of items / equipment.

M, N & O = Corresponding published price indices of various materials.(as defined in Module specific SCC)

lb = Co-efficient of labour content in the Basic price (including P&F charges)- component of item /equipment.

L = Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla.

F =Fixed portion of the Basic price (including P&F charges) -component of the items/equipment which will not be subject to any adjustment.

a, b, c, d , e.... = Coefficients of major materials involved in the Basic price (including P&F charges) -component of the items/equipment

Note:

Subscript '0' refers to indices as prevailing on the seventh day prior to the due date of submission of bid [Submission of both Part - I (Technical & Commercial except Price) and Part – II (Price Bid)].

Subscript '1' refers to the indices as on:

- 90 days prior to the date of dispatch for labour component, and
- The expiry of 2/3rd period from the date of purchase order to the date of dispatch, for material component.

For the purpose of this clause, the date of dispatch shall mean Contractual Milestone Date of dispatch as per SCC/Contract or actual date of dispatch, whichever is earlier.



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

- 1.2 In case no Contractual Milestone Date of dispatch is mentioned for an item, Contractual Delivery Date (CDD) of the contract shall be taken as Contractual Milestone Date of dispatch for such items, for the purpose of this clause.
- 1.3 Adjusted Contract Price for Supply component
- The adjusted contract price shall be:
 Σ EC1 + other elements of contract price, if any.
- 1.4 In case of dispatches which are delayed beyond the Contractual Milestone Date of dispatch (as given in Contract) for reasons attributable to the Contractor or Force Majeure events, the provision of Price Adjustment shall not be available beyond the corresponding Contractual Milestone Date of dispatch.
- 1.5 In case of dispatches which are delayed beyond the Contractual Milestone Date of dispatch (as given in Contract) for reasons attributable to the Contractor or Force Majeure events, the provision of Price Adjustment shall be as per terms of PO, regulated on the basis of the indices as applicable as per PO terms on the original Contractual Milestone date of dispatch or the indices as applicable as per PO terms on the actual delivery date, whichever is lower
- 1.6 In case dispatches are delayed beyond the Contractual Milestone Date of dispatch (as given in the Contract) and the total delayed period can be apportioned between delays due to the Purchaser, the Contractor and / or Force Majeure events, Price adjustments for the period of delay caused by the Purchaser will be allowed considering as if this delay due to the Purchaser happened first, immediately after Contractual Milestone Date of dispatch, irrespective of actual point in time in which such delay by Purchaser occurs.



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

2.0 Module-M2 - Light Water Systems & Compressed Air System (LWS&CA)

For Sr.Nos.1.1 to 1.5 of Section-A

Price index shall be as follows:

Component	Value of Co-efficient	Source of Indices used	Value base date indices as prevailing on May 2024
F:Fixed Portion	0.15	--	---
Manufacture of Basic Metals (M) (Commodity Code-1314000000)	a =0.30	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	144.7
Manufacture of fabricated metal products, except machinery and equipment. (Commodity Code-1315000000)	b =0.24		136.4
Manufacture of rubber & plastic products (Commodity Code-1312000000)	c =0.01		128.3
L:Labour (All India Index)	$l_b = 0.30$	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

3.0 Module-M3 (Heating, Ventilation & Air Conditioning (HVAC))

For Sr.Nos.2.1 to 2.8 of Section-A

Price index shall be as follows:

Component	Value of Co-efficient	Source of Indices used	Value base date indices as prevailing on May 2024
F:Fixed Portion	0.15	---	---
Manufacture of Basic Metals (M) (Commodity Code-1314000000)	a=0.30	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	144.7
Manufacture of fabricated metal products, except machinery and equipment (Commodity Code-1315000000)	b =0.24		136.4
Manufacture of rubber & plastic products (Commodity Code-1312000000)	c =0.01		128.3
L:Labour (All India Index)	$l_b = 0.30$	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

4.0 Module-M4 (Electrical Systems)

For Sr.No.3.1 of Section-A

Price index shall be as follows:

Item	Value of Coefficient	Source of Indices used	Value base date indices as prevailing on May 2024
F:Fixed Portion	0.15	--	--
Manufacture of Basic Metals (M) (Commodity Code- 1314000000)	a = 0.48	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	144.7
Plastic Products (N) (Commodity Code- 1312030000)	b =0.06		138.3
Other Rubber Products (O) (Commodity Code- 1312020000)	c =0.01		109.3
L:Labour (All India Index)	$l_b = 0.30$	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

5.0 Module-M5 (Control & Instrumentation (C&I) Systems)

For Sr.No.4.1 of Section-A

Price index shall be as follows:

Material/Commodity	Commodity Coefficient	Source of Indices used	Value base date indices as prevailing on May 2024
F=Fixed Portion	0.15	--	--
Manufacture of Basic Metals (M) (Commodity Code-1314000000)	a = 0.20	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	144.7
Manufacture of Electronic Components (N) (Commodity Code-1316010000)	b = 0.35		117.9
Manufacture of other electronic and Electric wires and Cables (O) (Commodity Code-1317040000)	c = 0.05		154.6
L:Labour (All India Index)	lb=0.25	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

6.0 Module-M6 (MATERIAL HANDLING SYSTEMS)

For Sr.No.5.1 of Section-A

Price index shall be as follows:

Component	Value of Co-efficient	Source of Indices used	Value base date indices as prevailing on May 2024
F:Fixed Portion	0.15	--	--
Manufacture of machinery and equipment (M) (Commodity Code-1318000000)	a=0.15	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	130.7
Manufacture of fabricated metal products, except machinery and equipment (N) (Commodity Code-1315000000)	b=0.20		136.4
Manufacture of electrical equipment (O) (Commodity Code-1317000000)	c=0.20		133.4
L:Labour (All India Index)	$l_b = 0.30$	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9



ANNEXURE 'II'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0061

7.0 Module-M7 (Fuel Handling Equipment)

For Sr.No.6.1 of Section-A

Price index shall be as follows:

Component	Value of Coefficient	Source of indices Used	Value base date indices as prevailing on May 2024
F:Fixed Portion	0.15	--	--
Mild Steel - Flat products (M) (Commodity Code-1314050000)	a =0.13	Wholesale price index with Base 2011-12=100 as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	140.7
Stainless steel semi-finished (N) (Commodity Code-1314070000)	b =0.27		140.5
Forging of steel (O) (Commodity Code-1314110000)	c =0.10		173.1
L:Labour (All India Index)	lb =0.35	Consumer Price Index Numbers for Industrial workers with Base 2016=100 Published by Labour Bureau of Shimla/ Chandigarh.	139.9


24/02/24

(V.K.Trivedi)

Associate Director, C&MM

For and on behalf of Nuclear Power Corporation of India Limited
(The Purchaser)

ADVANCE PAYMENT

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Directorate Of Contracts & Materials Management
NUB, Anushaktinagar, Mumbai-400094.

1. WHEREAS on or about the _____ day of 201____
M/s. _____ a Company registered
under the Companies Act 1956 and having its registered office at _____

(hereinafter referred to as 'The Contractor') entered into an agreement bearing
No. _____ (hereinafter referred to as 'The Contract'),
with Nuclear Power Corporation of India Limited (A Government of India
Enterprise) acting through Director, Contracts & Material Management (hereinafter
referred to as (Purchaser) for _____
(hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms & conditions of the contract an amount of Rs.
_____ (Rupees _____ only) representing
_____ per cent advance payment out of a contract value of Rs _____ (Rupees
_____ only) is to be paid by the Purchaser to the
contractor.
3. AND WHEREAS the Purchaser has agreed in pursuance of the said terms and
conditions of the contract to make an advance payment of Rs. _____ (Rupees
_____ only) to the Contractor on the Contractor furnishing
a Bank Guarantee in the manner herein contained.



4. NOW WE, the _____ (Bank) in consideration of the purchaser having agreed to pay to the contractor an advance payment of Rs, _____ (Rupees _____ only) do hereby agree and undertake to indemnify the Purchaser and keep the Purchaser indemnified to the extent of a sum not exceeding the said sum of Rs. _____ (Rupees _____ only) against any damage or loss that may be suffered by the Purchaser by reason of non-fulfilment of any of the terms and conditions of the contract by the contractor.
5. WE, _____ (Bank) do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from on behalf of Messrs NUCLEAR POWER CORPORATION OF INDIA LTD stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser by reason of breach by the said Contractor (s) of any of the terms and conditions contained in the said agreement or by reason of the Contractor(s) 's failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by Bank under this guarantee. However, our liability under this guarantee, shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only .
6. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Contractor (s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment thereunder and the Contractor (s) shall have no claim against us for making such payment.



7. AND WE _____ (Bank) hereby further agree that the decision of the said NUCLEAR POWER CORPORATION OF INDIA LTD., as to whether the Contractor has committed breach of any such terms and conditions of the contract or not and as to the amount of damages or loss assessed by the said NUCLEAR POWER CORPORATION OF INDIA LTD., as damage or loss suffered by the Purchaser on account of such breach would be final and binding on us.
8. AND WE _____ (Bank) further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affection in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extent time of performance by the said Contractor (s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Contractor (s) and to forbear or enforce any of the terms and conditions relating the said agreement and we shall not be relieved form our liability by reason of any such variation or extension being granted to the said contractor (s) or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of relieving us.
9. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor (s).



10. Our guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from that date all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities, thereunder.
11. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____
(Indicate the name of the bank)



PERFORMANCE SECURITY BOND

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Directorate Of Contracts & Materials Management
NUB, Anushaktinagar, Mumbai-400094.

1. WHEREAS on or about the (Date of the Purchase Order)
M/s. _____ a Company
incorporated under the Companies Act 1956 and having its registered office at _____
(hereinafter referred to as 'The Contractor') entered into an agreement bearing
No. _____ (hereinafter referred to as 'The Contract'),
with Nuclear Power Corporation of India Limited (A Government of India Enterprise)
acting through Director, Contracts & Material Management (hereinafter referred to as
(Purchaser) for supply of _____ (hereinafter
referred to as 'The Equipment').
2. AND WHEREAS under the terms & conditions of the contract, the Contractor shall
furnish Performance Security Bond for an amount of Rs. _____ (Rupees
_____ only) representing 10% of the total value of the
contract in the form of a bank guarantee, in a manner herein contained duly executed
by a scheduled/nationalised bank towards satisfactory performance of the contract and
performance of the equipment and against any loss or damage caused to or suffered or
would be caused to or suffered by the Purchaser by reason of any breach by the said
Contractor(s) of any terms and conditions contained in the said agreement. The
Performance Security Bond shall be valid till satisfactory completion of Defect
Liability Period covering the Warranty/Guarantee period of the equipment as per the
terms & conditions of the said agreement.



3. NOW WE, the _____ (Bank) in consideration of the promises do hereby agree and undertake to pay to the Nuclear Power Corporation of India Limited, (the purchaser) on behalf of the Contractor, the said sum of Rs. _____ (Rupees _____ Only), the amount due and payable under the guarantee without any demur, merely on a demand from the Nuclear Power Corporation of India Limited stating that the amount claimed is due by way of loss or damage caused to, or suffered by, the Purchaser by reason of any breach by the said Contractor of any of the terms and conditions contained in the said agreement or by reason of the contractors failure to perform the said agreement or by reason of unsatisfactory performance of the equipment during the Warranty period. Any such demand, made on the bank, shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).
4. WE undertake to pay to the Purchaser the said sum of Rs. _____ (Rupees _____ Only), demanded notwithstanding any dispute or disputes raised by the Contractor(s), in any suit on proceedings pending before any Court or Tribunal relating thereto, our liability under this presents being absolute irrevocable and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor shall have to no claim against us for making such payment.
5. WE HEREBY further agree that the decision of the Nuclear Power Corporation of India Limited as to the amount of damages suffered by the Purchaser by reasons(s) of any breach by the said Contractor or whether the said equipment is giving satisfactory



performance or not during the Warranty Period as per the terms and conditions of the said agreement, shall be final and binding on us.

6. AND WE, the _____ (Bank) do hereby further agree that our liability hereinunder shall not be discharged by virtue of any agreement between the Purchaser and the Contractor whether with or without our knowledge and/or consent and shall remain in full force and effect during the period that would be taken for the performance of the said agreement or by reason of the Purchaser showing any indulgence or forbearance to the Contractor whether as to payment, time for performance, or any other matter whatsoever relating to the contract, which but for this provision, would amount to discharge of the surety under the law.
7. THIS guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. OUR Guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from the said date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all our liabilities hereunder.
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____

(indicate the Name of bank)



RETENTION BANK GUARANTEE

NUCLEAR POWER CORPORATION OF INDIA LIMITED
 (Acting through) Executive Director,
 Contracts & Materials Management
 Nabhikiya Urja Bhavan,
 Anushaktinagar,
 Mumbai - 400 094.

1. WHEREAS on or about the _____ day of _____ M/s. _____ a Company registered under the Companies Act 1956 and having its registered office at _____ (hereinafter referred to as 'The Contractor') entered into an agreement bearing No. _____ dtd. _____ (hereinafter referred to as the 'The Contract'), with Nuclear Power Corporation of India Limited (acting through Executive Director, Contracts & Materials Management Group) (hereinafter referred to as the 'The Purchaser') for supply of _____ (hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms and conditions of the contract balance 10% payment is to be made against _____ and on the supplier furnishing a retention bank guarantee for Rs. _____ (Rupees _____ only) representing 10% of the contract value in the manner herein contained.
3. NOW WE, (Bank) _____ in consideration of the Purchaser having agreed to pay to the Contractor balance payment of Rs. _____ (Rupees _____ only) do hereby agree and undertake to indemnify the Purchaser and keep the Purchaser indemnified to the extent of a sum not exceeding the said sum of Rs. _____ (Rupees _____ only) against any damage or loss that may be suffered by the Purchaser by reason of non fulfillment of any of the terms and conditions of the contract by the CONTRACTOR.
4. WE, the (Bank) _____, do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT on behalf of M/s. NUCLEAR POWER CORPORATION OF INDIA LIMITED stating that the amount claimed is due byway of loss or damage caused to or would be caused to or suffered by the Purchaser by reason of breach by the said Contractor of any of the terms and conditions contained in the said agreement or by reason of the Contractor(s) failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).



5. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s), in any suit or proceedings pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
6. AND WE, the (Bank) _____, hereby further agree that the decision of the said EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT GROUP, NUCLEAR POWER CORPORATION OF INDIA LIMITED as to whether the Contractor has committed breach of any such terms and conditions of the contract or not and as to the amount of damages or loss assessed by the said EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT GROUP, NUCLEAR POWER CORPORATION OF INDIA LIMITED as damage or loss suffered by the Purchaser on account of such breach would be final and binding on us.
7. WE, the (Bank) _____, further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Contractor and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variations or extensions being granted to the said Contractor or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision have effect of relieving us.
8. THIS GUARANTEE will not be discharged due to the change in the constitution of the Bank of the Contractor(s)/Supplier(s).
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

NOTWITHSTANDING ANYTHING CONTAINED herein above, our liability under this guarantee is restricted to Rs. _____ (Rupees _____ only). Our guarantee shall remain in force for a period of three months from the date of the bank guarantee i.e. up to _____ and unless a claim under the guarantee is lodged within the above date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities under this guarantee there under.

Dated the _____ day of _____ 201__

For _____
(Indicate the name of the Bank)

* * *



ANNEXURE – F

PO No. _____

Invoice No. & Date: _____

Declaration Form for GST

The Supplier/Contractor while submitting their bill to the Paying Authority shall furnish the following certificates:

Certified that:

- (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:

- (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 year (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.
- (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.

Signature of Contractor or their Authorised Representative with company seal.



Annexure-J

OPERATIONAL ACCEPTANCE CERTIFICATE

Will be issued later



(To be submitted in Non-judicial stamp paper of Appropriate Value)

LATENT DEFECTS BOND

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Directorate of Contracts & Materials Management
NUB, Anushaktinagar,
Mumbai-400094.

1. WHEREAS on or about the _____ (Date of purchase order) day of _____ 201_ M/s. _____ a Company under the Companies Act, 1956 and _____ having its registered office at _____ (hereinafter referred to as 'The Contractor') entered into an agreement bearing No. _____ dated _____ (hereinafter referred to as 'The Contract'), with Nuclear Power Corporation of India Ltd. (A Government of India Enterprise) acting through Executive Director, Directorate of Contracts & Materials Management (hereinafter referred to as 'Purchaser') for supply of _____ (hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms and conditions of the contract a Bank Guarantee towards Performance Security Bond is to be released to the contractor on furnishing a Bank Guarantee for an amount of Rs. _____ (Rupees _____ only) representing ONE percent payment out of the total value of goods supplied i.e. Rs. _____ (Rupees _____ only) in a manner herein contained duly executed by a Scheduled/Nationalised bank towards satisfactory performance of the equipment during Latent Defect Liability Period viz. 60 months from the date of completion of Defect Liability Period as defined in the conditions of the contract.
3. NOW WE, the _____ (Bank) in consideration of the promises and the payment of the said sum of Rs. _____ (Rupees _____ only) by the Purchaser to the Contractor do hereby agree and undertake to pay to the Nuclear Power Corporation of India Limited, on behalf of the Contractor, the amount due and



payable under the guarantee without any demur, merely on a demand from the Nuclear Power Corporation of India Limited, stating that the amount claimed is due by way of loss or damage caused to, or suffered by, the Purchaser by reason of unsatisfactory performance of the equipment during the Latent Defect Liability Period. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only)

4. We undertake to pay to the Purchaser any money demanded notwithstanding any dispute or disputes raised by the Contractors, in any suit proceedings pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under the bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.
5. WE HEREBY further agree that the decision of the Nuclear Power Corporation of India Limited as to whether the said equipment is giving satisfactory performance or not during the Latent Defect Liability Period and as to the amount of damages suffered by the Purchaser on account of unsatisfactory performance of the said equipment shall be final and binding on us.
6. AND WE, the _____ (Bank) do hereby agree that our liability herein under shall not be discharged by virtue of any agreement between the Purchaser and the Contractor whether with or without our knowledge and/or consent or by reason of the Purchaser showing any indulgence or forbearance to the Contractor whether as to payment, time for performance, or any other matter whatsoever relating to the contract, which but for this provision, would amount to discharge of the surety under the law.



7. THIS guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
8. OUR Guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from that date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all our liabilities hereunder.
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____

(Indicate the Name of the bank)



APPENDIX - I

REFERENCES

- 1.0 Our Tender No. CMM/OPS/06-35-9-3581 Dtd.23.03.2024.
- 2.0 Your offer No. DVPL/HO/TEN/24-25/76 dated 15.05.2024.
- 3.0 Our letters dated 30.05.2024, 20.06.2024, 23.08.2024, 18.11.2024, 10.12.2024,
- 4.0 Our emails dated 18.11.2024, 20.12.2024, 05.12.2025, 02.01.2026, 04.02.2026 and 10.12.2024
- 5.0 Your emails dated 11.12.2024, 12.12.2024, 20.12.2024, 09.07.2025, 06.12.2025, 07.01.2026 and 05.02.2026,
- 6.0 Your letters dated 26.11.2024, 11.12.2024, 12.12.2024, 20.12.2024
- 7.0 MOM dated 21.11.2024, 16.12.2024





न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Govt. of India Enterprise)
(CIN : U40104MH1987GOI149458)

संविदा एवं सामग्री प्रबंधन निदेशालय
नाभिकीय ऊर्जा भवन,
ए- 'O' ब्लॉक, तलमाला,
अनुशक्तिनगर, मुंबई - 400 094.
दूरभाषा : - 2599 3000 / 2599 1000
फैक्स : 91-22-25580741



DIRECTORATE OF CONTRACTS & MATERIALS MANAGEMENT

Nabhikiya Urja Bhavan
A-'O' Block, Ground Floor,
Anushaktinagar, Mumbai - 400 094.
Tel.: 2599 3000 / 2599 1000
Fax : 91-22-25580741

USI No. : 35300

FORM No. CMM-45/Rev. 2
Station:: RAPS-3&4

Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062

Date: 12/4 FEB 2026

To
M/s. Dee Vee Projects Limited,
Maulshree Vihar, VIP Road
Infront of Hotel Babylon International
Raipur (Chhattisgarh)-492006

Kind Attn.: Shri Jay Prakash Sinha, AGM(T&E)
Email id: tender@dvplindia.in, info@dvplindia.in

Dear Sirs,

Your bid contained in the Tender No. CMM/OPS/06-35-9-3581 Dated 23.03.2024 to supply the under mentioned Stores is accepted for and on behalf of the Nuclear Power Corporation of India Ltd., subject to the General Conditions of Contract for Engineering, Procurement and Construction Contracts, detailed in the Form No. GCC/EPC-3/Rev.4 entitled "General Conditions of Contract for Engineering, Procurement and Construction Contracts" applicable to the contracts for indigenous stores placed by the Nuclear Power Corporation of India Ltd., (A Government of India Enterprise) and subject to the terms and conditions contained in the Purchase Order, to the extent of the quantity and at the price specified below:

Sl. No.	Description	Quantity	Unit	Rate	Value
1.0	Site Works Portion : Civil Works, Loading /unloading, storage and handling at site, erection, commissioning, testing, handing over of systems of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 as per Technical Specification sent under cover of Tender No. CMM/OPS/06-35-9-3581 and further described in the following :	As Per Section - 'A'			
	SECTION-A : Items and Price Schedule. SECTION-B : Commercial Terms and Conditions: Basis of price, Statutory levies, Delivery schedule, Terms of Payment, etc. SECTION-C : Technical Specifications SECTION-D : Module wise Contractual Milestones for AAFR SECTION-E : List of suggested Subcontractors/Vendors. Annexure-I : Break up price schedule for Civil Works Annexure-II : Break up price schedule for Erection & Commissioning Annexure-III : Price Adjustment Formula for Erection, Commissioning & Civil Works. Annexure IV : Summary of Penalties Appendix-I : Reference Particulars. Annexure-A : Format for 'Advance Bank Guarantee'. Annexure-B : Format for 'Performance Security Bond'. Annexure-C : Format for 'Retention Bank Guarantee'. Annexure-D : Format for Performance Bond towards Roof Insulation/Waterproofing Annexure-F : Format for 'Certificate towards Goods and Services Tax & TDS'. Annexure-J : Format for 'Operational Acceptance certificate'. Annexure-K : Format for 'Latent Defect Liability Bank Guarantee'				

GST No.: (For NPCIL HQ, Mumbai - 27AAACN3154F1ZQ)
(For RAPS-3&4, Rajasthan 08AAACN3154F1ZQ)

पंजीकृत कार्यालय : 16 वी मंजिल, सेंटर-1, वर्ल्ड ट्रेड सेंटर, कफ परेड, कुलाबा, मुंबई - 400 005
Regd. Office : 16th Floor, Center-1, World Trade Center, Cuffe Parade, Colaba, Mumbai - 400 005
visit us at : www.npcil.nic.in

Price Basis : As per Section-B

Delivery Period : As per Section-B.

Place of Service : As per Section-B.

Conditions of Contract contained in Section-B of the tender documents and this Purchase Order shall be the sole repository of the Contract.

Please acknowledge receipt immediately in the form sent herewith

Yours faithfully,


24/02/26

(V.K.Trivedi)

Associate Director (C&MM)
For & on behalf of the NPCIL
The Purchaser

Important:

1. Bills should be submitted in **triplicate** to the Paying Authority at the address as indicated in the Purchase Order alongwith all relevant Documents as enlisted under Clause 5.9 of GCC/EPC-3/Rev.4. and or as specified in this Purchase Order.

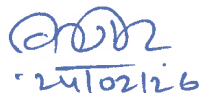
Delivery Instructions:

1. Stores are to be delivered at the place of delivery stipulated in this Purchase Order on any working day between 10.30 a.m. and 3.00 p.m.
2. No Stores shall be accepted by the Stores unless Delivery Challan giving full details of the Purchase Order No. and Date, Description of Stores, Quantity, Make, Unit and Gross Weight or Net Weight is submitted with the Stores. In absence of any of the above, the Storekeeper shall refuse to take delivery of the Stores.

SECTION A - ITEMS AND PRICE SCHEDULE

Sr. No.	Description	Total Price in INR	
A1 to A7	Site Works Portion : Loading /unloading, storage and handling at site, erection, commissioning, testing, handing over of systems of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 as per Technical Specification sent under cover of Tender No. CMM/OPS/06-35-9-3581	1,71,87,64,707.00	
A1	Module M1 (Civil Works)		
1.1	Total Price of Module M1 Schedule -A (Earthwork, Dewatering, Consolidation Grouting, Sub-Soil Investigation Works)		
1.2	Total Price of Module M1 Schedule-B (Construction Works)		
1.3	Total Price of Module M1 Schedule - C (Electrical Works)		
A2	Module- M2 (LWS & CA Systems)		
2.1	Total Price of Module M2-E-H1 -Erection and Commissioning for Balance items		
2.2	Total Price of Module M2-E-H2 -Erection and Commissioning part		
A3	Module-M3 (HVAC)		
3.1	Total Price of Module M3-E-UA - Erection and Commisioning portion of Ventilation (Air Washer Plant)		
3.2	Total Price of Module M3-E-UB -Erection and Commisioning portion of Ventilation (AHUS/ Split Type Air Conditioners)		
3.3	Total Price of Module M3-E-UC- Erection and Commisioning portion of Ventilation (Centrifugal, Axial & Roof Extractor Fans)		
3.4	Total Price of Module M3-E-UD- Erection and Commisioning portion of Ventilation (Filter Banks includes Filter Frame, Filters, Nuts, Bolts, Gaskets, all other accessories, Painting etc.)		
3.5	Total Price of Module M3-E-UE - Erection and Commisioning portion (for Louvers)		
3.6	Total Price of Module M3-E-UF- Erection and Commisioning portion of Ventilation (CS Plenum, CS Ducts, CS Duct Fittings, GSS Plenum, GSS Ducts & GSS Duct Fittings etc.)		
3.7	Total Price of Module M3-E-UG- Erection and Commisioning portion of Ventilation (Dampers, Grilles & Valves)		
3.8	Total Price of Module M3-E-UH- Erection and Commisioning portion of Ventilation (Instrumentation Part)		
A4	Module M4 (ELECTRICAL MODULE)		
4.1	Total Price of Module M4-E - Erection & Commissioning		
A5	Module M5 (C&I)		
5.1	Total Price of Module-M5 - Erection & Commissioning		
A6	Module M6 (CRANES, HOISTS & YOKE)		
6.1	Total Price of Module-M6 - E B-Erection and Commissioning		
A7	Module M7 (FUEL HANDLING EQUIPMENT)		
7.1	Total Price of Module-M7 -Erection and Commissioning (Fuel Handling Equipment)		
Total Rs.			1,71,87,64,707.00
(Rupees One Hundred Seventy One Crores Eighty Seven Lakh Sixty Four Thousand Seven Hundred Seven Only).			

Note:- Module wise apportioned detailed Price Schedule (Annexure-I & Annexure-II) for this Purchase Order shall be issued later based on the Tender Terms & Conditions.


(V.K.Trivedi)

Associate Director (C&MM)
For and on behalf of NPCIL
(The Purchaser)

SECTION-B
COMMERCIAL TERMS AND CONDITIONS
BASIS OF PRICE, STATUTORY LEVIES, DELIVERY SCHEDULE,
TERMS OF PAYMENT, ETC.

1.0 PRICE BASIS

- 1.1 The Prices stipulated in Sr.No.A1 of Section-A of the Purchase Order are for Civil, works of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS-3&4 inclusive of Insurance Charges, Goods & Services Tax (GST) and all other indirect taxes.
- 1.2 The Prices stipulated in Sr.Nos.A2 to A7 of Section-A of the Purchase Order are for Erection & Commissioning works of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS-3&4 inclusive of Insurance Charges, Goods & Services Tax (GST) and all other indirect taxes.

1.3 PRICE ADJUSTMENT

- 1.3.1 Prices shown under Section-A shall be subjected to Price Adjustment as per provisions contained in Annexure-III of this Purchase order.
- 1.3.2 No adjustment of prices is allowed on spares, tools, tackles and accessories. Engineering charges, testing charges, analysis charges etc shown/payable separately shall also not be eligible for Price Adjustment.
- 1.3.3 Where advance or stage payment are made, No Price Adjustment shall be admissible on such portion of price. Accordingly, Price Adjustment shall be paid only on the remaining portion of the price.

2.0 STATUTORY LEVIES

2.1 GOODS AND SERVICES TAX (GST)

- 2.1.1 The prices stipulated in Section-A are inclusive of Goods and Services Tax (GST) and any other Indian Indirect Taxes payable in India for the final product / services. The current applicable rate of GST is 18%.
- 2.1.2 Contractor's GSTIN is 08AAECD4619B1Z0.



PURCHASE ORDER NO. CMM/OPS/06-35-9-3581/PO/0062

- 2.1.3 GST and all other indirect taxes, duties are also not reimbursable separately on Price Adjustment for price portion, as base price is inclusive of all Taxes and Duties as applicable.
- 2.1.4 In case, there is no increase in GST rate within Contractual Delivery Date, GST as applicable or quoted, whichever will be lower will be reimbursed by the Purchaser limiting to the rate prevailing within the contractual delivery schedule.
- 2.1.5 In case of increase in existing taxes/ duties and/or introduction of any other new indirect taxes / cess, if levied by Government during the contractual delivery period, the incremental rate of existing taxes/levies and/or any other new indirect taxes / cess; shall be reimbursed/ paid by the Purchaser upon verification of the documentary evidence submitted and its acceptance by Purchaser. The payment/ reimbursement of statutory variations in the rates of tax and/or of new tax, duty or levy imposed under statute or law in India as above would be restricted only to direct transactions between the Contractor and the Purchaser. This provision shall not apply to changes in Personal Income tax, Corporate Income tax or to changes in non-Indian Taxes.
- 2.1.6 For extension in the contractual delivery period for the reasons attributable to the Purchaser and/or Force Majeure, increase in existing taxes & duties, if any, and new tax component introduced in the extended period shall be reimbursed to the Contractor subject to the submissions of necessary documentary evidence. No increase / new tax shall be payable during the delay period due to reasons attributable to the Contractor.
- 2.1.7 The provisions of The Central Goods and Services Tax Act 2017(CGST), The Integrated Goods and Services Tax Act 2017 (IGST), The relevant SGST act of the State Government, The Union Territories Goods and Services Tax Act 2017 (UTGST) and The Goods and Services (Compensation to States) Act 2017 and their Rules as being enacted and amended from time to time are applicable to this Contract. Accordingly the Contractor has confirmed that all input tax credits and the exemptions available therein are passed on to the Purchaser.
- 2.1.8 If there is an upward revision in the rate of GST within CDD due to change in classification given by the Contractor in its bid, such upward revision shall not be entertained as per clause No. 2.1.5 and 2.1.6 and the payment towards GST will be restricted to the GST as paid by the Contractor or as per the Purchase Order, whichever is lower.
- 2.1.9 The Purchaser shall, at the time of its payments due to the Contractor, withhold the necessary tax at source at such rate if required under the legislation unless and to the



extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.

- 2.1.10 In case of such deduction as mentioned above, the Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by relevant law to enable the Contractor to file the same with the Government Authority as a proof of payment of such taxes.
- 2.1.11 The Purchaser shall not be liable to pay any increase in GST that has come into force after expiry of the contractual delivery period if the delivery is delayed beyond the contractual delivery period for reasons attributable to the Contractor.
- 2.1.12 While claiming the GST, the Contractor is required to adhere to the provisions available therein. The Contractor shall certify that they have/ will populate the details of GST paid by them in the GST portal, within due date as notified by GST Council, only upon which reimbursement of GST would be considered.
- 2.1.13 Please note that in case any refund/credit to GST is granted to Contractor by GST Authorities in respect of stores supplied under the contract, Contractor will pass on the credit to the Purchaser immediately along with a certificate from Contractor's Director/Manager/Proprietor/Accountant that the credit so passed on relates to the GST originally paid for the stores supplied under the contract.
- 2.1.14 In case any additional ITC benefit is granted to the bidder by the GST Authority after bid submission, the same shall be immediately passed on to the Purchaser and such value shall be indicated in the respective Annexure-F submitted along with the Tax Invoices for supply of stores.
- 2.1.15 The implications of GST on return of goods will be as per the provisions of the relevant GST Laws.
- 2.1.16 HSN/SAC Code of items/services shall be furnished along with break-up price.

2.2 DIRECT TAX :- TAX DEDUCTION AT SOURCE

- 2.2.1 The Purchaser shall have the right to withhold taxes on income, excess profits, royalty and other taxes from payments due to Contractor under this Contract to the extent that such withholding may be required by the government of India or any relevant authority



thereof or by the government of any other country, and payment by the Purchaser to the respective governmental office of the amount of money so withheld will relieve the Purchaser from any further obligation to Contractor with respect to the amount so withheld.

- 2.2.2 The Purchaser shall, at the time of its payments due to the contractor, withhold the necessary taxes at such rate as is required by any Government Authority, unless and to the extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.
- 2.2.3 The Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by the relevant law to enable the contractor to file the same with the Government Authority as a proof of payment of such taxes.
- 2.2.4 All taxes levied on Contractor's corporate income or profits shall be for the account of Contractor and shall not be reimbursed by the Purchaser. Contractor shall also be responsible for payment of income taxes of its personnel levied in India or elsewhere

2.3 INDIRECT TAX -TAX DEDUCTION AT SOURCE

- 2.3.1 The Purchaser shall, at the time of its payments due to the Contractor, withhold the necessary tax at source at such rate if required under the legislation unless and to the extent that the Contractor shall produce to the Purchaser any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Contractor to receive the payments under the Contract for a prescribed period without deduction of any tax or deduction at a lower rate.
- 2.3.2 In case of such deductions as mentioned above, the Purchaser shall provide the necessary withholding tax certificates to the Contractor within the time stipulated by the relevant law to enable the Contractor to file the same with the Government Authority as a proof of payment of such taxes.

2.4 INCOME TAX

- 2.4.1 TDS will be made as applicable from the payment to the Contractor and a TDS certificate towards same will be issued. Contractor's Permanent Account No. is AAECD4619B.



3.0 SITE WORK

3.1 Civil Work, Erection & Commissioning, Performance Testing, Handing over of the facility shall be carried out at Rajasthan Atomic Power Station - 3&4, PO Anushakti, via Kota, Rajasthan – 323 303.

3.2 The Contractor shall prepare and submit all erection schedules, procedures, quality assurance plan, drawings, quality plans as specified in the tender specification for approval to:-

Technical Services Superintendent (TSS),
Rajasthan Atomic Power Station - 3&4,
PO Anushakti, via Kota,
Rajasthan – 323 303.

All works covered under this purchase order shall be subject to overall supervision of Technical Services Superintendent (TSS), Rajasthan Atomic Power Station - 3&4, or his authorized representative, as contained in GCC/EPC-3/R-4 and SCC.

3.3 The Contractor has to make arrangement for Land & Site Mobilisation, construction water supply, power supply etc as indicated in Clause no. 11.0 of GCC and corresponding clauses of SCC.

3.4 Contractor shall maintain proper house keeping in the areas of his work in the package. Daily cleaning and mopping of floors, removing the unwanted materials, cleaning of all equipment, electrical and control panels etc. and within vicinity other areas of his work till system is handed over after successful commissioning, shall be the responsibility of the package contractor.

3.5 The Contractor shall follow the guidelines/procedure, enclosed in the Tender document & instructions from site authority for movement of manpower & vehicles in Plant premises.

3.6 Dewatering of all work areas including tunnels, trenches during execution of work shall be done by the package contractor till the system is handed over.

3.7 Making/rectifications of openings on wall for pipe/cable penetrations, wherever not provided /not suitable, shall be carried out by package contractor and these openings shall be made good after finishing the work. All openings in buildings including tunnels and trenches shall be sealed as per sketch prepared by the contractor and approved by the Purchaser.



4.0 QUALITY SURVEILLANCE

4.1 It is the responsibility of the Contractor to ensure compliance with the quality assurance requirement stipulated in the Tender document during Civil, erection, testing and commissioning. For this purpose, Contractor shall have appropriate quality assurance organisation and depute personnel with requisite qualification to carry out inspection /quality surveillance for the entire work carried out at site during civil works, erection, testing and commissioning.

4.2 However, the work will be subject to Quality Surveillance by the Purchaser's authorised representative, for which the contractor shall contact :

Technical Services Superintendent (TSS),
Rajasthan Atomic Power Station - 3&4,
PO Anushakti, via Kota,
Rajasthan – 323 303.

4.3 Purchaser reserves the right to carry out audit of the activities of the Contractor/Sub-contractors at their works/premises.

4.4 Any changes to the approved QA plans by the Purchaser shall be mutually discussed and agreed upon.

4.5 E-mail ID for Quality Assurance Office: edqa@npcil.co.in Ph No. 022-25995030.

5.0 CONTRACTUAL DELIVERY SCHEDULE

5.1 The complete scope covering design, engineering, manufacture, quality assurance, testing, packing, forwarding, transportation, supply, civil works, loading /unloading, storage and handling at site, erection, commissioning, testing and handing over of systems of Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS 3&4 shall be completed **within 34 months from the date of issue of purchase order. i.e. on or before 24 DEC 2028**

5.2 The intermediate milestones for each module given in Section-D –Module wise Contractual Milestones for AAFR, shall be met by the Contractor for completion of the AAFR facility. These milestones shall be reckoned for GCC Clause no.4.2.3 with respect to intermediate contractual milestones.



5.2.1 The Milestone date(s) for supply items of Additional Away from Reactor Spent Fuel Storage Facility for RAPS-3&4 is given in months from the award of Purchase order. Liquidated Damages as per GCC Clause No. 6.2.1 shall be levied on failing to meet contractual milestone date(s) of respective modules. These contractual milestones shall be used for price adjustment as per Clause no. 1.3 of the Purchase order.

5.2.2 Duration given against each milestone is the maximum time allowed to complete the supplies of respective milestone, Contractor shall plan and supply all items listed in the milestones (i.e. as detailed in Section-D) as well as other items required for unhindered progress of site work-

5.3 Date of completion of the facilities stipulated in the contract shall be the essence of the Contract and facilities must be completed by the dates specified therein. Unless otherwise agreed, the Contract shall come into force from the date of issue of Purchase order and accordingly contractual delivery period shall be reckoned from that date for the purpose of fixing Contractual Delivery Date (CDD) as the case may be, and incorporating the same in the contract.

5.4 In case the Contractor fails to apply and secure extension of contractual delivery schedule indicated in Sr. No.5.1 above, before operational acceptance/handing over the facilities, acceptance of facility by the Purchaser in no way prejudice the right of the Purchaser to levy liquidated damages for delays nor will it entitle contractor for payment of additional statutory levies that comes into force after expiry of contractual delivery schedule.

6.0 DEFECT LIABILITY PERIOD

6.1 The defect liability period shall be 18 months from the date of completion of facilities (satisfactory erection and pre-commissioning) and handing over of the facilities for commissioning to the Purchaser or 12 months from the date of operational acceptance of the facilities (commissioning), whichever occurs first, for Additional Away from Reactor (AAFR) Facility.

7.0 PERFORMANCE BOND TOWARDS WATERPROOFING OF UNDERGROUND STRUCTURES

Contractor shall make periodical inspection and repair the waterproofing for any apparent defects to ensure complete waterproofing during the guarantee period of 10 years. The Contractor shall submit a Bank Guarantee/Insurance Surety Bond from a



scheduled commercial bank (other than co-operative bank) for an amount of 10% of the cost of water proofing works carried out before expiry of defect liability period for a period so as to make guarantee period good for a total period of 10 years (plus 3 month's grace period) from the date of acceptance of water proofing works of underground structures by the Engineer.

This clause supplements clause 14.0 of technical specification on waterproofing of underground concrete structures (PC-M-00026)

8.0 PERFORMANCE BOND TOWARDS ROOF INSULATION AND WATERPROOFING

The Contractor shall be responsible for maintaining the roof top insulation for a period of 10 years from the date of acceptance of the water proofing work by the Engineer. The Contractor shall make periodical inspection especially before start of the rainy season and repair the waterproofing for any apparent defects to ensure effectiveness of water proofing during the guarantee period.

The Contractor shall submit a bank guarantee from a scheduled commercial bank (other than co-operative bank) for 10% of the cost of roof insulation and water proofing works carried out before expiry of defect liability period for a period so as to make guarantee period good for a total period of 10 years (plus 3 month's grace period) from the date of acceptance of water proofing works of underground structures by the Engineer.

This clause supplements clause 10.0 of technical specification on roof insulation and waterproofing (PC-M-00021).

9.0 LATENT DEFECTS LIABILITY: -

The Contractor shall submit a Bank Guarantee for 1% (One Percent) of the total contract value under **Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works**, as security against Latent Defect. This Bank Guarantee shall be valid for a period of 5 (Five) years (Plus Claim Period of Three Months) from the date of successful completion of the Defect Liability Period as per the contract.

The above Latent Defect Liability Bank Guarantee shall be furnished against the Purchase order No. CMM/OPS/06-35-9-3581/PO/0061- Supply Contract

At the end of Defects Liability Period, the Contractor's liability ceases except for latent defects. The Contractor's liability for latent defects warranty for the plant and



equipment including spares shall be limited to a period of five (5) years from the end of Defects Liability Period of the respective equipment including spares in accordance with Clause 6.4.5 of the General Conditions of Contract

10.0 PERFORMANCE SECURITY BOND (SECURITY DEPOSIT CUM PERFORMANCE BOND)

- 10.1 The contractor shall furnish a Performance Security Bond, as detailed below, for 10% of the total contract value in respective contract currencies, covering the total scope of work i.e, **Supply, Erection, Commissioning & Civil Works under Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works** in the form of a bank guarantee from scheduled commercial bank (except co-operative bank) as per prescribed format within 30 days from the date of issue of this purchase order and it shall be valid till satisfactory completion of defect liability period covering warranty/guarantee of the equipment/facilities supplied by the Contractor and its sub-contractors plus a grace period of 3 Months.

Item Description : Additional Away from Reactor (AAFR) Spent Fuel Storage Facility for RAPS-3&4

Module Description	Performance Security Bond Value and Validity
Module-1 :Civil Works	₹ 27,85,75,076/- Valid upto 24 JUN 2030 Plus Three Months Grace Period
Module-2 : Light Water Systems & Compressed Air System (LWS&CA)	
Module-3 :Heating, Ventilation & Air Conditioning (HVAC)	
Module-4 :Electrical Systems	
Module M5 -C&I	
Module M6 -Cranes, Hoists & Yoke)	
Module M7 - Fuel Handling Equipment	

- 10.2 The Performance Security Bond Bank Guarantee, shall be released on successful completion of defect liability period including extension thereof, if any, and submission of Bank Guarantee for Latent Defect Security.



- 10.3 The above Performance Security Bond Bank Guarantee shall be furnished against the Purchase order No. CMM/OPS/06-35-9-3581/PO/0061- Supply Contract

11.0 UNLOADING AND STORAGE AT SITE

- 11.1 Unloading at site shall be done by the Contractor at his own cost. However, contractor shall intimate the consignee the following details by e-mail/fax in advance:

- (i) Carrier's Name
- (ii) Truck No.
- (iii) Lorry Receipt No. and date.
- (iv) Approx. time of arrival of truck at site.
- (v) No. of packages and dimensions and weight of each package etc.

- 11.2 The Contractor shall arrange loading/unloading, handling, site transportation for materials covered under this purchase order and also for the materials, plant and machinery supplied against purchase order No. CMM/OPS/06-35-9-3581/PO/0061 and also arrange suitable storage and preservation of the items at site at his cost till its erection and shall be responsible for safe storage and preservation of these items and shall also arrange necessary watch and ward etc. at his own cost till handing over the facilities. Further, the responsibility for care and custody thereof together with the risk of loss or damage thereto shall remain with the contractor until completion of facilities and handing over.

- 11.3 The Contractor shall take all necessary precautions against any loss, deterioration or destruction of the materials from whatever cause arising whilst the said materials remain in their possession and/ or their custody or control. They shall also not mix up the materials in question with any of their goods and shall render true and proper account of the material actually used and return the balance remaining on hand unused along with the usable off-cuts, if any, within a period of one month from the date of completion of facilities covered by this Purchase Order, unless or otherwise stated specifically in the tender specifications or in this purchase order. The decision of the Executive Director, Contracts & Materials Management Group, NPCIL, Mumbai as to whether the Contractor have occasioned any loss, deterioration or destruction of the materials whilst in their possession, custody or control from whatever cause arising as also the decision regarding quantum of the damages suffered by the Purchaser shall be final and binding upon the Contractor.

- 11.4 Contractor shall have sufficient storage area/ ware houses/ godowns for storing of reinforcement steel, structural steel, embedded parts, cement and all other items



required for work. Some items such as polysulphide compound, epoxy paints are required to be stored in air-conditioned / well ventilated rooms.

12.0 TERMS OF PAYMENT

12.1 For Erection & Commissioning work (Sr.Nos. A2, A3, A4, A5, A6 and A7 of Section-A)

12.1.1 10% as *Interest bearing advance* upon site mobilization including applicable taxes and duties against submission of equivalent Bank Guarantee and Performance Security Bond and on submission of following documents:

- a. *Unconditional Purchase order acceptance.*
- b. *Invoice of contractor. (1 Original + 2 Copies).*
- c. *Bank Guarantee of equivalent amount valid till contractual delivery date with claim period of 3 months.*
- d. *Performance Security Bond Guarantee as per Clause no. 10.0.*
- e. *Copy of Insurance Policies / Certificate of Insurance as per Clause No.17.0.*
- f. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative stating that contractor has satisfactorily completed Site Mobilization and payment as per clause no. 12.1.1 can be released.*
- g. *Declaration Form as per Annexure-F.*

12.1.2 70% of Erection and Commissioning Prices, 100% applicable Taxes & Duties alongwith 100% price adjustment, if any, will be released on pro-rata basis against satisfactorily completion of identified milestone and/or approved Billing schedule for completion of erection services and on submission of following documents:

- a. *Invoice of contractor. (1 Original + 2 Copies).*
- b. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative stating that Contractor has satisfactorily completed Erection & Commissioning works as per identified milestone and/or approved billing schedule & payment as per Clause No. 12.1.2 can be released.*



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- c. *Authentic copies of indices (signed & stamped by contractor) pertaining to applicable end dates for arriving at price component due to price adjustment.*
- d. *Declaration Form as per Annexure-F.*

12.1.3 15% of Erection and Commissioning Prices, will be released on handing over of the facilities to the Purchaser and issue of Operational Acceptance Certificate by the Purchaser and against submission of following documents:

- a. *Invoice of contractor. (1 Original + 2 Copies).*
- b. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative stating that Contractor has satisfactorily handed over the facilities to the Purchaser and Operational Acceptance Certificate has been issued by the Purchaser and payment as per clause no. 12.1.3 can be released.*
- c. *Declaration Form as per Annexure-F.*

12.1.4 5% of Erection and Commissioning Prices, will be released on completion of Material Accounting and on submission of following documents:

- a. *Invoice of contractor. (1 Original + 2 Copies).*
- b. *A certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative stating that Material Accounting has been completed satisfactorily. The certificate shall also indicate that payment as per Clause No. 12.1.4 can be released.*
- c. *Declaration Form as per Annexure-F.*

Note : a) *According to the above Payment Terms, advance payments will be interest bearing at the applicable rate as notified by NPCIL on the first of April each year. The rate of interest for the current financial year, FY 2024-25, is 10.14% p.a.*

b) *Upon completion of the activity/milestone, payment will be released after adjusting advance payments and interest accrued.*

c) *Unless otherwise stipulated, interest shall be calculated on advances from the date of releases of until the preceding day of recovery from the bills.*



- 12.1.5 In the event of delay in attaining the events pertaining to clause no. 12.1.3 & 12.1.4 above, for reasons attributable to the Purchaser, the corresponding payments can be released to the Contractor on expiry of Original CDD against Retention Bank Guarantee of equivalent value as per format given in Annexure-C, initially valid for 6 months and subsequently extendable till completion of the corresponding events subject to completion of all supply. This Retention Bank Guarantee will be used for recovery of LD pursuant to GCC clause no. 6.2 (Delay in Supply) as applicable, in addition to failure to fulfil the obligations of the contract by the Contractor.
- 12.1.6 On submission of this retention Bank Guarantee, it shall be deemed and construed that the Contractor has authorized the Purchaser to encash the retention Bank Guarantee, for recovery of any amount whatsoever it may be, in general and for recovery of liquidated damages (LD), as applicable, in particular due to failure on the part of Contractor to fulfill its part of obligation. The decision of NPCIL, in this regard, shall be final and binding.
- 12.2 **For Civil Works (Sr.No.A1 of Section –A)**
- 12.2.1 10% of Prices will be released as *interest bearing advance* upon Site mobilization, including applicable Taxes & Duties and submission of following documents:
- a. *Unconditional Purchase order acceptance.*
 - b. *Invoice of contractor. (1 Original + 2 Copies).*
 - c. *Bank Guarantee of equivalent amount valid till contractual delivery date with claim period of 3 months.*
 - d. *Performance Security Bond Guarantee as per Clause no. 10.0.*
 - e. *Copy of Insurance Policies / Certificate of Insurance as per Clause No. 17.0.*
 - f. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative stating that contractor has satisfactorily completed Site Mobilization and payment as per clause no. 12.2.1 can be released.*
 - g. *Declaration Form as per Annexure-F.*



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12.2.2 80% of Prices (inclusive of applicable Taxes & Duties), along with 100% of price adjustment if any, on pro-rata basis against satisfactory completion of identified milestone and/or approved Billing Schedule for completion of civil works and on submission of following documents:

- a. *Invoice of contractor. (1 Original + 2 Copies).*
- b. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative stating that Contractor has satisfactorily completed Civil works as per identified milestone & payment as per Clause No. 12.2.2 can be released.*
- c. *Authentic copies of indices pertaining to applicable end dates for arriving at price component due to price adjustment.*
- d. *Declaration Form as per Annexure-F.*

12.2.3 10% of Prices (inclusive of applicable Taxes & Duties), will be released on handing over of all the civil facilities to the Purchaser and issue and acceptance of Operational acceptance certificate by the Purchaser.

- a. *Invoice of contractor. (1 Original + 2 Copies).*
- b. *A Certificate issued by Technical Services Superintendent (TSS), RAPS-3&4 or his authorised representative stating that Contractor has satisfactorily handed over all the civil facilities to the Purchaser and Acceptance Certificate has been issued by the Purchaser and payment as per clause no.12.2.3 can be released.*
- c. *Declaration Form as per Annexure-F.*

12.3 In the event of delay in attaining the events pertaining to clause no. 12.2.3 above, for reasons attributable to the Purchaser, the corresponding payments can be released to the Contractor on expiry of Original CDD against Retention Bank Guarantee of equivalent value as per format given in Annexure-C, initially valid for 6 months and subsequently extendable till completion of the corresponding events subject to completion of all supply. This Retention Bank Guarantee will be used for recovery of LD pursuant to GCC clause no. 6.2 (Delay in Supply) as applicable, in addition to failure to fulfil the obligations of the contract by the Contractor.



On submission of this retention Bank Guarantee, it shall be deemed and construed that the Contractor has authorized the Purchaser to encash the retention Bank Guarantee, for recovery of any amount whatsoever it may be, in general and for recovery of liquidated damages (LD), as applicable, in particular due to failure on the part of Contractor to fulfill its part of obligation. The decision of NPCIL, in this regard, shall be final and binding.

- 12.4 In case the Contractor fails to execute the contract due to reasons not attributable to the Purchaser and which do not fall under Force Majeure as per the tender conditions, the outstanding advance payments made shall be recovered, along with taxes and duties and the interest at the rate notified later. This shall be without prejudice to the other remedies available to the Purchaser under the Terms and Conditions of the Contract.

12.5 PENALTY

- 12.5.1 The work shall be executed strictly as per the tender specifications and as detailed in the scope of work. The agency shall be responsible for providing timely and uninterrupted services. Failure to comply with the work as per requirement shall attract deduction of a predetermined amount from the contractor's running bills as given below (GST shall be extra as applicable):
- 12.5.2 Any accident within NPCIL premises involving workforce shall attract deduction of a predetermined amount as a penalty from the contractor's running bills as given in Annexure-IV (GST shall be extra as applicable). Penalty shall be recovered based on certification by NPCIL surgeon.

12.6 SECURED ADVANCE ON MATERIALS FOR CIVIL WORKS:

Secured advance on the security of materials (which are not combustible, fragile or perishable in nature) brought to the site but not yet incorporated in the works will be made up to 75 (seventy five) per cent of invoice value, or the 75 (seventy-five) percent of the corresponding value of the materials determined on the basis of BOQ rates, whichever is less, subject to the condition that their quantities are not excessive and shall be used within a period of 90 (ninety) days and subject to other stipulations in the contract. The contractor will be required to sign an indenture bond, hypothecating the goods to the Purchaser and also be responsible for their safe custody.

Before the advance is released, the Purchaser may inspect the site to ensure that the Contractor has safeguarded the materials against pilferage and deterioration. No secured advance will be paid on materials on which the contractor has taken any loan/ limit from



banks against hypothecation of the materials against which the secured advance is claimed. An undertaking in this regard may also be taken from the contractor. Generally, as per the provisions of the contracts, the contractors are required to submit proof of cost of materials and the delivery of material at site while claiming such advances. The stock register should be maintained from the commencement of the contract and, unless otherwise prescribed in the contracts, the stock, so considered for advance, should generally be only paid stock (and not brought on credit).

13.0 MODE OF PAYMENT

- 13.1** The payment in Indian Rupees, as applicable, will be released directly by the Purchaser's Paying Authority to the Contractor as per the terms of payment against submission of necessary documents. To facilitate payment through NEFT/RTGS, Contractor shall submit their bank details duly authenticated by the concerned bank on or before submission of the first invoice/bill. Subsequently, in case of any change/revision these details shall again need to be duly authenticated by the respective bank.

14.0 PAYING AUTHORITY

- 14.1** All invoices/bills should be addressed Manager (F&A) as detailed below with GST No. and SA Code. All the invoices/bills and other documents for payment shall be submitted to Paying Authority indicated below:

Manager (F&A),
Rajasthan Atomic Power Station - 3&4,
PO Anushakti, via Kota,
Rajasthan – 323 303.

15.0 SUBMISSION OF BANK GUARANTEES & INSURANCE POLICIES

- 15.1** All Bank Guarantees strictly in conformity with the formats enclosed herewith shall be got executed from Schedule Commercial Bank in India (except Co-operative Bank) and shall be governed by Indian Laws and subject to jurisdiction of Courts in Mumbai, India. All Bank Guarantees shall be submitted directly by the concerned bank under their seal and cover for acceptance to:

Additional General Manager (C&MM),
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Limited,
OPS Section, Nabhikiya Urja Bhavan, Block No.D-0,



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Anushaktinagar, Mumbai – 400094, Maharashtra.

15.2 Where the Contractor fails to maintain the Contractual Delivery Date, the Contractor shall extend the validity of Bank Guarantee(s) suitably to cover the extended / expected delivery date, failing which, the Purchaser shall have the right to invoke the Bank Guarantee(s) without prejudice to the terms and conditions of the Contract.

15.3 Following are the Purchaser's Bank Details for submitting Bank Guarantee through SFMS (Structured Financial Messaging System) mode:

Bank : State Bank of India, Overseas Branch,
Cuffe Parade, World Trade Centre,
Mumbai – 400 005.

BIC : SBININBB103

Branch Code : 04791

Contact Person : Chief Manager,
International Banking.

Phone : 022 – 22181321, 022 – 22179781

15.4 Reduction in values for Bank Guarantees furnished towards advance Payments mentioned under clause no.12.0 above shall occur in accordance with clause 3.4.1 (d) of GCC/EPC-3/R-4 based upon request from the Contractor.

15.5 The initial Insurance Policies (except Automobile Liability Insurance Policies which shall be accepted and maintained at site) as per clause no 17.0 shall be obtained before starting of the dispatch of Stores / Equipment and same shall be furnished for acceptance to:-

Additional General Manager (C&MM)
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Limited,
OPS Section, Nabhikiya Urja Bhavan, Block No.D-0,
Anushaktinagar, Mumbai-400094.

With a copy to Technical Services Superintendent (TSS), RAPS-3&4.



- 15.6 The Insurance Policies shall be maintained, validated and extended from time to time as per contract terms & conditions and shall be submitted to Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative at site with a copy to Additional General Manager (C&MM), OPS, HQ, Mumbai. Contractor shall be responsible for maintaining, validating and extending the Insurance Policies as per Contract and submit periodical report in this regard to Engineer-in-charge at site which shall ensure compliance of the same.
- 15.7 Contractor shall keep all the records of Insurance Policies submitted as per clause no. 15.5 & 15.6 above. These record shall be submitted to Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative for further maintaining and validating from time to time of the said insurance policies.
- 15.8 Initially, the Insurance policies will be submitted by Contractor at CMM, HQ, Mumbai office for acceptance. The accepted copy of Insurance Policies will be forwarded by C&MM, Mumbai to site for further maintaining, validating and extending time to time as per the contract terms & conditions. The extended Insurance Policies shall be forwarded by Contractor to Technical Services Superintendent (TSS), RAPS-3&4 with a copy to Additional General Manager (C&MM), OPS, HQ, Mumbai. For all the payment terms as per Clause No. 12.0 of this PO, Technical Services Superintendent (TSS), RAPS-3&4 or his authorized representative shall ensure validity, extension and appropriate risk covered etc. of Insurance Policy/ Certificate of Insurance as per Clause No.15.0 and 17.0 before releasing each stage payment and certificate to this effect.

16.0 LIQUIDATED DAMAGES

- 16.1 In the event delay in completion of facilities as detailed in clause no. 5.0, Liquidated Damages will be levied as per GCC clause no 6.2, at the rate of 0.25% per week or part thereof subject to maximum of 5% of the total Contract value (**i.e. PO No. CMM/OPS/06-35-9-3581/PO/0061 for Supply and PO No. CMM/OPS/06-35-9-3581/PO/0062 for Erection, Commissioning & Civil works**).
- 16.2 Contractual milestones dates for each Module are provided in Section-D and shall be strictly met by the contractor. These milestones shall be reckoned for GCC Clause No 4.2.3 with respect to contractual milestones. Liquidated Damage as per GCC Clause No. 6.2.1 shall be levied upon failing to meet these contractual milestone date(s) of each Modules. The contractual milestones given in Annexure - I shall form part of Purchase order.

17.0 INSURANCE COVER



- 17.1 The contractor shall, at his own cost take out and maintain in effect the following Insurance based on reinstatement value during the performance of the contract and the Purchaser shall be named as co-insured under all insurance policies. All Insurer's rights of subrogation against co-insured shall be waived. Deductibles/ excesses if any, under the insurance policies shall be borne by the Contractor. In the Insurance Policies mentioned below except for Third Party Liability Insurance and Automobile insurance, the Purchaser (i.e. NPCIL) shall be named as LOSS PAYEE in this Insurance Policy. The identity of the Insurers and the form of policies shall be subject to the approval of the Purchaser.

17.1.1 Storage-cum Erection Insurance policy/ Contractor's All Risk Insurance Policy.

Covering physical loss or damage to the facilities at site against all risks including Terrorism occurring till the completion and handing over of facilities.

17.1.2 Third Party Liability Insurance

Covering bodily injury or death suffered by 3rd parties (including Purchaser's personnel) and loss or damage to the property occurring in connection with the supply and installation of the facilities.

17.1.3 Workmen's compensation for Contractor's workmen

17.1.3.1 In accordance with the applicable statutory requirement.

17.1.3.2 The phrase "Purchaser's (i.e. NPCIL) interest is protected" shall be endorsed in the Policy.

17.1.4 Automobile Liability Insurance

Covering use of all vehicles used by Contractor or its sub-contractor (whether or not owned by them) in connection with the execution of the contract.

17.1.5 Additional Insurance

Any other insurance that may become applicable during execution of the contract shall be arranged by the contractor at his own cost.

18.0 SUB-CONTRACT



18.1 The supplier shall not sub-contract any or all of the work without written consent of the Purchaser. The Contractor shall be solely responsible to the Purchaser for all work including that of the sub-contractor, if allowed by the Purchaser.

18.2 A list of suggested vendors/ sub-vendors/sub-contractors shall be as per Section-E to this purchase order. In the event contractor desires inclusion of additional vendors/ sub-vendors/ sub-contractors in the above list, the qualification and approval of the suggested vendors/ sub-vendors/sub-contractors shall be done as per the conditions mentioned in the tender specification.

19.0 LIABILITY UNDER THE WORKMEN'S COMPENSATION ACT

19.1 The contractor shall at all times, indemnify the purchaser against any claims which may be under the Workmen's Compensation Act 1923 or any statutory modification thereof or otherwise for or in respect of any damages or compensation payable in consequences of any accident or injury sustained by any worker or other person in the employment of the contractor.

20.0 FACILITIES FOR ERECTION AND TESTING

20.1 The purchaser will provide open plot (or land) for storage, temporary office & workshop to the contractor at site till the completion of erection & testing. Further, other facilities as stipulated in the tender specification will be provided by the Purchaser.

20.2 Power and water required for construction at site will be provided on chargeable basis

21.0 CHARGEABLE ISSUES TO CONTRACTOR

21.1 Charges to be levied on the Contractor for the services / facilities provided by the Purchaser:

- a) In respect of any land allotted to the Contractor for purpose of or in connection with the contract as provided shall be imposed by Engg.-in-charge as per GCC Clause no. 11.
- b) Department Water supply charges shall be as per GCC Clause no. 11 & SCC clause No.24.0.
- c) Construction power supply charges shall be as per GCC Clause no. 11 & SCC Clause No.25.0



In addition to above, if any other facilities / services provided by the Purchaser, same shall be governed as per GCC / SCC.

22.0 SETTLEMENT OF DISPUTE

22.1 Settlement of dispute will be governed as per Clause no. 22 of GCC/EPC-3/R-4.

23.0 PROGRESS REPORTING

23.1 Contractor shall submit the format of weekly and monthly progress report immediately after placement of PO and get it approved from Project Manager.

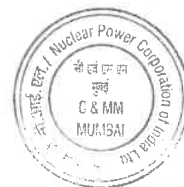
23.2 Monthly Progress report shall contain but not limited to (a) Executive summary and major highlight of activity (b) Progress of activity performed (c) Percentage completion achieved compared with the planned percentage completion for each activity (d) if any activity is behind the program, giving comments and likely consequences and stating the corrective action being taken (e) Activity planned for next progress report period. (f) Financial and physical progress of project and (g) Any hindrance for progress (h) Updated activity network in Primavera software, MS project or any other project monitoring software etc.

23.3 The Contractor shall also submit signed copy of the monthly Progress Report in an acceptable format to the authorities mentioned below:

i) Technical Services Superintendent (TSS), Rajasthan Atomic Power Station-3&4 PO Anushakti, via Kota, Rajasthan – 323 303.	ii) Additional Chief Engineer, Procu. (N&MS), Nuclear Power Corporation of India Limited, D-1-10, Nabhikiya Urja Bhavan, Anushaktinagar, Mumbai – 400094, Maharashtra.
--	--

for monitoring the progress of the work with a copy to Additional General Manager (C&MM), Directorate of C&MM, NPCIL, Mumbai for information.

23.4 The Contractor is required to maintain two Hindrance Registers each for Purchase Order No. CMM/OPS/06-35-9-3581/PO/0061 and Purchase Order No. CMM/OPS/06-35-9-3581/PO/0062 for:



a. Design & engineering (engineering drawings & documents), procurement and supply related issues (Given in GCC) in the office of the designated engineer at PURCHASER's Head Office.

b. Site work related issues including site front release & construction drawing release in the office of the designated engineer at site separately immediately after receipt of Purchase Order from PURCHASER. As a pro-active approach site front release & construction drawing release shall be demanded by the contractor at least 2 months in advance before the actually committed contractual release date of any particular area.

In the event of start of a hindrance, the Contractor shall enter it in the hindrance register and get it endorsed by the representative of PURCHASER. Immediately after end of the hindrance, the contractor shall record the closure of the hindrance and get it endorsed by the respective PURCHASER representative. Immediately upon resolution of the hindrance, the contractor shall work out the delay and post it in the hindrance register and get it endorsed by the Project manager/ EIC/ Authorized representative of Purchaser. Hindrances not having impact on the critical path/not endorsed by the purchaser's authority shall not be considered for delay analysis and extension of time.

On occurrence of a hindrance, which the contractor feels will have an impact on the schedule of contract execution, the contractor shall immediately communicate to the Project manager/ EIC / Authorized representative of Purchaser, through a formal letter and post the hindrance with dates and obtain the certification of happening from the Project manager/ EIC/ Authorized representative of Purchaser on the hindrance register itself.

The contractor shall submit an Activity Network immediately upon placement of Purchase Order by identifying the critical path activity(s). This activity network shall form the base-line for delay analysis and extension of time. The impact of delay in critical path activities shall only be taken into consideration for arriving at the effective delay attributable to PURCHASER and Force Majeure. The input for delay analysis and extension of time shall be derived from entries made in the hindrance registers. The delays attributable to PURCHASER, as recorded and agreed upon in the hindrance registers, which have got impact on overall contract schedule, shall only be taken into consideration for delay analysis.

Sample Hindrance register format is attached in Annexure-A of Section-C-Note of tender document.

24.0 MATERIAL ACCOUNTING



- 24.1 Material accounting shall be carried out as per clause No.15.5 of GCC for Erection and Commissioning. The Contractor shall account for all the material either supplied / procured by him or issued on chargeable basis by the Purchaser.

25.0 POST ORDER CORRESPONDENCE

- 25.1 All Correspondence regarding Technical matters in respect of this order shall henceforth be addressed to :

Technical Services Superintendent (TSS),
Rajasthan Atomic Power Station - 3&4,
PO Anushakti, via Kota,
Rajasthan – 323 303.

with a copy to Additional General Manager, C&MM, Directorate of Contracts & Materials Management, Nuclear Power Corporation of India Ltd., Entrance Block, Ground Floor, Nabhikiya Urja Bhavan, Anushakti Nagar, Mumbai-400 094.

- 25.2 All Correspondence regarding Commercial matters in respect of this order shall henceforth be addressed to:

Additional General Manager (C&MM),
Directorate of Contracts & Materials Management,
Nuclear Power Corporation of India Ltd.,
Nabhikiya Urja Bhavan,
D-'0' Block, Ground Floor,
Anushaktinagar, Mumbai-400094.

26.0 CHANGE IN SCOPE/ NEW ITEM

- 26.1 After issue of Purchase Order, if any change in the boundary conditions results in requirement of additional items/additional quantities and/or extra work at site, the same shall fall under the scope of the contractor. The pricing for change in scope shall be, in accordance with Clause No.19 (Change in the Facilities) of GCC/EPC-3/Rev.4.

27.0 IMPLEMENTATION OF THE PROJECT CONTRACTS



PURCHASE ORDER NO. CMM/OPS/06-35-9-3581/PO/0062

- 27.1 “The Purchaser has awarded two separate contracts, viz.: PO No. CMM/OPS/06-35-9-3581/PO/0061 for Supply, PO No. CMM/OPS/06-35-9-3581/PO/0062 for Erection & Commissioning and Civil works. All these contracts are governed with the following clauses:
- 27.2 The award of two separate contracts shall not in any way dilute the responsibility of the Contractor for the successful completion of the plant/ equipment as per the specification and breach in any one of the above contract shall automatically be construed as a breach of the other contract which will confer a right on the Purchaser to suspend or terminate the other contract also at the risk and cost of the Contractor, including but not limited to, the right to invoke the Performance Security Bonds, under and in accordance with the terms of the Contracts.
- 27.3 The award of two separate contracts shall not in any way dilute the responsibility of the Contractor and breach in any one of the above contracts shall automatically be construed as a breach of the other contract which will confer, as part of Purchaser’s right, under the contracts, a right on the Purchaser to suspend and/or terminate the other contract also at the risk and cost of the Contractor, in accordance with the terms of the relevant Contract.
- 27.4 Any event under any one of the above contracts resulting in an extension of time to the Contractor under this contract will result in an extension of time to the Contractor under the other contract under the same terms and conditions.

28.0 PRESENTATION

A detailed presentation shall be made by the Contractor before commencement of job at Site. The presentation shall include all the points relevant to execution of this contract such as:

- a) Execution / Construction Methodology
- b) Network for Engineering, supply and site works with sub-ordering/sub-contracting, manufacturing and erection schedule in line with module wise milestones and completion of AAFR given in the SCC.
- c) Site organization
- d) QA System
- e) Safety System
- f) Training

29.0 SECRECY CLAUSE



- 29.1 The Purchase Order shall be governed by Confidentiality clause no.1.10 of General Conditions of Contract, i.e. GCC/EPC-3/Rev-4.
- 29.2 The design, drawings, specifications and other details furnished to the Contractor by the Purchaser towards manufacture of equipment are to be treated as secret and shall not be divulged to any third party. The Contractor, therefore, bind himself, his successor, his executors, administrators, employees and the permitted assignees or such other persons, agents directly or indirectly concerned with the works / supply to the secret nature of design, drawings, specifications etc.

30.0 TERMS AND CONDITIONS OF THE CONTRACT

- 30.1 This Purchase Order shall be governed by the Terms & Conditions contained in the following documents, with the priority in the following sequence:
- a. The Contract Agreement / Purchase Order.
 - b. Pre-Bid Clarifications /Confirmation
 - c. Module Specific SCC
 - d. Special Conditions of Contract (SCC)- Common
 - e. General Condition of Contract (GCC) GCC/EPC-3/R-4
 - f. Data sheet.
 - g. Drawings,
 - h. Technical specifications
 - i. The Tender document, other than Sr. no. (b) to (h) above.


24/02/26
(V.K.Trivedi)

Associate Director, C&MM

For and on behalf of Nuclear Power Corporation of India Limited
(The Purchaser)

SECTION-C

Technical Specification

(Please refer Section-C of Tender No.CMM/OPS/06-35-9-3581)



SECTION-D

Module wise Contractual Milestones for AAFR			
Sr. No.	Module	Contractual milestones	Duration from the date of PO Placement
1.	M1 (Civil)	Completion and acceptance certificate for Module M1- (Civil Works)	30 Months
2.	M2 (LWS & CA)	Completion/Handing over of Module M2 and issue of Operational Acceptance certificate for Module M2 - [Light Water Systems & Compressed Air System (LWS&CA)]	30 Months
3.	M3 (HVAC)	Completion/Handing over of Module M3 and issue of Operational Acceptance certificate for Module M3 - [Heating, Ventilation & Air Conditioning (HVAC)]	32 Months
4.	M4 (Electrical)	Completion/Handing over of Module M4 and issue of Operational Acceptance certificate for Module M4 - (Electrical	32 Months
5.	M5 (C&I)	Completion/Handing over of Module M5 and issue of Operational Acceptance certificate for Module M5 – [Control & Instrumentation (C&I) Systems]	30 Months
6.	M6 (Material Handling)	Completion/Handing over of Module M6 and issue of Operational Acceptance certificate for Module M6 - (Material Handling Systems)	30 Months
7.	M7 (Fuel Handling)	Completion/Handing over of Module M7 and issue of Operational Acceptance certificate for Module M7 - (Fuel Handling Equipment)	30 Months
8.	-	Handing over of complete AAFR and issue of Operational Acceptance certificate for AAFR	34 Months



	NUCLEAR POWER CORPORATION OF INDIA LIMITED	
	RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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SECTION-E

LIST OF SUGGESTED SUB-VENDORS FOR MODULE M1-CIVIL





NUCLEAR POWER CORPORATION OF INDIA LIMITED RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE	
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S. No.	Name of manufacturer	Material conforming to	Qualification Requirements	
			Source	Batch
I	ORDINARY PORTLAND CEMENT-43 GRADE & 53 GRADE	IS:269 and NPCIL Specification		
1	M/s. Ultra Tech Cement			
2	M/s. ACC Cement			
3	M/s. Gujarat Ambuja Cement			
4	M/s. Jaypee Cement			
5	M/s. JK Cement Works			
6	M/s. JSW Cement			
7	M/s Mangalam Cement			
8	M/s Birla Chetak			
II	REINFORCEMENT STEEL	Grade Fe-500/ Fe-500D and NPCIL Specification	Yes	Yes
1	M/s. TATA Iron & Steel Co. Ltd.			
2	M/s. Steel Authority of India Ltd.			
3	M/s. Indian Iron & Steel Co. Ltd.			
4	M/s. Rashtriya Ispat Nigam Ltd.			
5	M/s. JSW Steel Limited			
6	M/s JSP Ltd			
7	M/s Shyam steel			
8	M/s SRMB			
9	M/s Electro Therm Ltd			
III	STRUCTURAL STEEL	Rolled sections conforming to IS:2062 Grade A, B, or C, Pipes upto 150 mm IS-1239 and above 150 mm IS-3589 and NPCIL Specification	Yes	Yes
1	M/s. TATA Iron & Steel Co. Ltd.			
2	M/s. Steel Authority of India Ltd.			
3	M/s. Indian Iron & Steel Co. Ltd.			
4	M/s. Rashtriya Ispat Nigam Ltd.			
5	M/s. JSW Steel Limited			
6	M/s JSP Ltd			
7	M/s Shyam steel			
8	M/s SRMB			
9	M/s Electro Therm Ltd			
IV	STAINLESS STEEL	Plates ASTM-A-240 type 304/304L. Pipes ASTM A-312 type 304/304L and NPCIL Specification	Yes	Yes
1	M/s. TATA Iron & Steel Co. Ltd.			
2	M/s. Steel Authority of India Ltd.			
3	M/s. Indian Iron & Steel Co. Ltd.			
4	M/s. Rashtriya Ispat Nigam Ltd.			
5	M/s. Jindal Stainless Steel Limited			
6	M/s. JSW Stainless Steel Limited			





NUCLEAR POWER CORPORATION OF INDIA LIMITED
RAJASTHAN ATOMIC POWER STATION-3&4, RAWATBHATA, RAJASTHAN (RR) SITE

SECTION-E
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7	M/s MIDHANI			
V	SUPER PLASTISIZER		Yes	Yes
A	CHEMICAL ADMIXTURE			
1	M/s. Fosroc Chemicals (I) Ltd.	ASTM-C-494 Grade 'G', and IS:9103 and NPCIL Specification	Yes	Yes
2	M/s. Structural Water Proofing Co. Pvt. Ltd.			
3	M/s. Sika Qualcrete Pvt. Ltd.			
4	M/s. Cico Technologies Ltd.			
5	M/s. BASF Construction Chemicals (I) Pvt. Ltd.			
6	M/s. Chryso India Pvt. Limited		Yes	Yes
7	M/s. Concrete Works Construction Chemicals Pvt. Ltd. (CWC), Mumbai		Yes	Yes
8	M/s. Tremco CPG (India) Pvt. Ltd., Chennai		Yes	Yes
B	MINERAL ADMIXTURE, GGBS, FLYASH			
1	Kota Thermal Power Station, Kota	Flyash as per IS 3812 (Part I) and NPCIL Specification	Yes	Yes
2	Suratgarh Thermal Power station			
3	DIRK Pozzocrete 63			
4	Pyramid (UKAI)			
VI	POLYSULPHIDE COMPOUND			
1	M/s. Hindustan Mineral Products Pvt. Ltd.	PP-M-400 & BS:4254 and NPCIL Specification	No (If procured from these suppliers)	Yes
2	M/s. Hindocha Brothers (P) Ltd.			
3	M/s. Choksey Chemicals Pvt. Ltd.			
VII	PVC WATER STOPPER			
1	M/s. Arti Polymers, Baroda	As per NPCIL Specification	Yes	Yes
2	M/s. Kanta Polymers, Hyderabad			
VIII	EPOXY PAINT			
1	M/s. Berger Paints (I) Ltd.	PP-M-1219 and NPCIL Specification	Yes	Yes
2	M/s. Asian Paints (I) Ltd.			
3	M/s. Goodlass Nerolac Paints			
4	M/s. Kansai Nerolac Paints			
IX	EPOXY COMPOUND			
1	M/s. Hindustan Advanced Materials (I) Pvt. Ltd.	PP-E-414 and NPCIL Specification	Yes	Yes
2	M/s. Ciba Speciality Chemicals Ltd.			
3	M/s. Hindocha Brothers (P) Ltd.			





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4	M/s. Dr. Beck and Co. Ltd.			
X	REINFORCEMENT COUPLERS	As per NPCIL Specification	Yes	Yes
1	M/s. Bartec Coupler			
2	M/s. Dextra Coupler			
XI	PAINTS			
A	DISTEMPER			
1	Asian/Nerolac/Berger			
B	PLASTIC/ACRYLIC EMULSION INTERIOR			
1	Asian/Nerolac/Berger			
C	WALL PUTTY			
1	Birla Cement wall putty/ J.K Cement wall Putty/ Asian Wall putty			
D	PRIMER			
1	Asian/Nerolac/Berger			
E	SYNTHETIC ENAMEL PAINT			
1	Asian paint/Nerolac/Berger/ Apcolite Premium synthetic Enamel & Equivalent in			
XII	FIRE DOORS			
1	Signum			
XIII	SAND			
1	Natural sand,Manufacturer sand or an approved combination thereof	confirming to IS 383 latest revision and as Technical specifications		
2	Jhalawar (Natural sand)			
3	Kapren (Natural sand)			
Note: Engineer-in-charge reserves the right to add / delete any material / brand				



Annexure-I

Break-up price schedule for Civil Works

To be issued later



Annexure-II

Break-up price schedule for Erection and Commissioning

To be issued later



PRICE ADJUSTMENT FORMULA

1.0 Price Adjustment formula for Civil Works (for Sr.No.A1 of Section-A)

The rates indicated in Sr.No.A1 of Section-A shall be base price, which will be subjected to PRICE ADJUSTMENTS in accordance with the conditions and formula prescribed herein and further subject to satisfying the requirements specified in this clause only.

The 'Contract Price' as awarded shall be the Base Price, unless other wise specified. A certain fixed percentage of the base price shall not be subject to any price adjustment. The balance percentage to be specified shall be of Identified Components towards Labour, Material(s) (not being material supplied/or services rendered at fixed prices by the Purchaser) and P.O.L. and shall be subjected to Price Adjustment.

The actual amount of price adjustment shall be determined by satisfying the conditions specified herein.

The formula for calculation of the monthly price variation of the cost of civil works is indicated and explained below:

$$ACV1 = CV \left\{ F + \frac{lu.Lu1}{Lu0} + \frac{lss.Lss1}{Lss0} + \frac{ls.Ls1}{Ls0} + \frac{m.M1}{M0} + \frac{n.N1}{N0} + \frac{o.O1}{O0} + \frac{q.Q1}{Q0} + \frac{d.D1}{D0} \right\}$$

Where:

ACV1 - Adjusted contract price i.e., value of work done after application of above price adjustment formula.

CV - Base contract price, subject to price adjustment, i.e. the value of the work done in the given period for which the Price Adjustment is to be calculated excluding cost of material supplied or services rendered at fixed prices by the Purchaser and the cost of extra items, rates for which have been worked out based on market rates.

F - Fixed component (15%) expressed as percentage of contract value will not be subjected to any adjustment under this formula or otherwise.

lu - Unskilled Labour component (as defined in module specific SCC) expressed as percentage of the contract value which will be subjected to adjustment.

lss - Semi skilled Labour component (as defined in module specific SCC) expressed as percentage of the contract value which will be subjected to adjustment.

ls - Skilled labour component (as defined in module specific SCC) expressed as percentage of the contract value which will be subject to adjustment.

m,n,o - Various materials component (as defined in module specific SCC ,excluding material issued by the Purchaser at fixed rates) expressed as percentage of the contract



ANNEXURE 'III'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0062

value, which will be subject to adjustment. The sum of all these with F, d and the labour (lu, lss and ls) and q should sum up to one

q : all other materials component expressed as percentage of contract value, which shall not be defined in m, n and o expressed as percentage of contract value as defined in module specific SCC

d : P. O. L. component expressed as percentage of the contract value (as defined in module specific SCC) which will be subject to adjustment.

M, N, O - Corresponding published price indices of various materials based on All India Wholesale Price Index published by Economic adviser to GoI/ other references as defined in module specific SCC for civil component / electrical component of construction material as worked out for Individual Commodities / Group Items for the period under consideration

Q - Wholesale price indices applicable to All commodities as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.

L - Minimum wages in Rupees of a labour fixed under any law, statutory rule or order as applicable on the last date of the month previous to the one under consideration (where in subscript 'u' 'ss' and 's' denotes the unskilled, semi-skilled and skilled labour respectively).

D - P.O.L index for the period under consideration which will be considered as Diesel prices at the nearest Diesel Pump of RR Site.

SUBSCRIPT:

'0' - refers to the values of the above-mentioned Minimum Wages, Material / P.O.L. indices applicable to previous month prior to the date of opening of tenders (in case of two part tender the date of opening of Part 1 shall be taken).

'1' - refers to the values of corresponding Minimum Wages, Material / P.O.L indices as applicable for the month prior to the month in which the work is executed for which adjustment is applicable, respectively.

The value of fixed component 'F' will remain unchanged and fixed and shall not be disputed.



ANNEXURE 'III'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0062

Price index shall be as follows:

Component	Value of Co-efficient	Source of Indices used	Value base date indices as prevailing on April 2024
Fixed Component	F=0.15	---	---
Unskilled Field Labour	lu=0.06	Minimum wages in Rupees of a unskilled labour fixed under any law, statutory rule or order.	To be issued later
Semi skilled Labour component	lss=0.07		
Skilled labour component	ls=0.13		
Ordinary Portland Cement/Low Alkali Cement (M) (Commodity Code-1313050003)	m=0.06	Wholesale price index applicable to "Ordinary Portland Cement" as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	133.6
Reinforcement Steel/ alloy Steel wire rods (N) (Commodity Code- 1314060001)	n =0.26	Wholesale price index applicable to "Alloy steel Wire rods" as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	137.9
Angles, Channels, Sections, other structural Steel (Coated/not)_ (O) (Commodity Code-1314040004)	o =0.06	Wholesale price index applicable to "Angles, Channels, Sections, steel (coated/not)" as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	142.4
All commodities (Q) /all other materials (Commodity Code-1000000000)	q =0.18	Wholesale price indices with Base 2011-12=100 applicable to "All commodities" as published by Economic Advisor to Government of India, Ministry of Industry & Commerce.	152.9
P.O.L componente (HSD) (D)	d =0.03	Price of High-Speed Diesel (HSD) to be considered at Nearest Petrol pump to RR Site.	To be issued later



ANNEXURE 'III'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0062

- 1.1 Price Adjustment(s) shall be calculated for the quantum of works executed for the month or the period of the bill.
- 1.2 Additional, altered or substituted items of work, derived from the agreed Bill of quantities and rates attached in work order will also attract price adjustment as per this clause. No price adjustment for the cost of material issued by the Purchaser (viz.) steel and cement or any other item(s) issued by the Purchaser and/or services provided shall be applicable, which are issued at fixed rates to the Contractor.
- 1.3 In case of advance payment is given for the work done but not measured the full value of such unmeasured work shall be added to the cost of work shown in the bill for operation of this Clause. When such work is measured and paid the full value of such work shall be deducted from the cost of work shown in the bill, running or final.
- 1.4 Every month after the award of Contract, the Contractor shall submit to the Engineer-in-Charge, a written notice of the changes, if any, that have occurred in the specified indices of Material/POL and in minimum wages for labour during the previous reporting period containing the effective date of such change, the amount of change for the claim of the amount of contract price adjustment with authenticated documentary evidence (as described above) of the relevant published indices / minimum wages to substantiate the price adjustment.
- 1.5 In case where the reasons for extension of the contract is attributable to the Force Majeure and/or Contractor, the Contractor shall be paid the contract price adjustment for the extended period at the frozen indices applicable for the month preceding to the last date of stipulated completion period or extended completion period attributable to Purchaser which is later. In case the prevailing price indices are lower than the frozen indices, as stated above, the lower shall be considered.

2.0 Price Adjustment for Secured Advance in Civil Works

Price Adjustment on Secured advance paid on materials shall be regulated as below:

In the case of materials brought to site for which any secured advance is included in the bill, the value of such advance shall be added to the cost of work shown in the bill for operation of this Clause. Similarly, when such materials are incorporated in the work and secured advance is deducted from the bill, the value of secured advance actually paid should be deducted from the cost of the work shown in the bill, running or final.



ANNEXURE 'III'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0062

3.0 Price Adjustment for Erection & Commissioning (for Sr.No.A2, A3, A4, A5, A6 and A7 of Section-A)

The formula for calculation of the monthly price variation of the cost of erection portion of the works is indicated and explained below:

$$E_1 = E_0 (0.25 + \frac{0.75F_1}{F_0})$$

Where,

E_1 = Adjusted erection and commissioning price of each invoice. (excluding GST and all other indirect taxes)

E_0 = Basic value of work done (excluding GST and all other indirect taxes) in the contractual completion period or the actual completion date whichever is earlier

F = minimum wages in Rupees of a skilled labour fixed under any law, statutory rule or order as applicable on the last date of the month previous to the one under consideration shall be as per the value issued by NPCIL, RR project site.

Note: Subscript '0' will be as prevailing on the seventh day prior to the due date of both Part - I (Technical & Commercial except Price) and Part – II (Price Bid)].

Subscript '1' will be as prevailing on the last date of the month previous to the actual date of execution of activities or the minimum wages prevailing on the Contractual Milestone Date for intermediate completion, whichever is earlier. In case no contractual milestone date for intermediate completion is mentioned for an activity, Contractual Delivery Date (CDD) of the contract shall be taken as contractual milestone date for intermediate completion.

- 3.1 In case of delay in erection and commissioning beyond the Contractual Milestone Date (as given in the contract) for reasons attributable to the Purchaser, the price adjustment provision shall continue to be applicable for an additional period equal to the delay caused by the Purchaser. This shall, however, not deemed to be automatic extension of the contractual delivery date.
- 3.2 In case of activities that are delayed beyond the Contractual Milestone Date (as given in the contract) for reasons attributable to the Contractor or Force Majeure events, the provision of Price Adjustment shall be as per terms of PO, regulated on the basis of the indices as applicable as per PO terms on the original Contractual Milestone Date or the indices as applicable as per PO terms on the actual completion date, whichever is lower.



ANNEXURE 'III'- TO P. O. No. CMM/OPS/06-35-9-3581/PO/0062

3.3 In case completion of an activity is delayed beyond the Contractual Milestone Date (as given in the contract) and the total delayed period can be apportioned between delays due to the Purchaser, the Contractor and / or Force Majeure events, Price adjustments for the period of delay caused by the Purchaser will be allowed considering as if this delay due to the Purchaser happened first, immediately after Contractual Milestone Date, irrespective of actual point in time in which such delay by Purchaser occurs.

3.4 Adjusted Contract Price for Erection and Commissioning component

The adjusted contract price shall be:

$\Sigma E1$ + other elements of contract price, if any.

Component	Value of Co-efficient	Source of Indices used	Value of base date indices as prevailing on May 2024
Fixed Portion	0.25	--	--
Indian Field Labour	F=0.75	Minimum wages in Rupees of a skilled labour fixed by any law, statutory rule or order as applicable on the last date of the month previous to the one under consideration, as per the value issued by NPCIL, RR project site.	To be issued later.


24/02/26

(V.K.Trivedi)
Associate Director (C&MM)
For & On Behalf of NPCIL
(The Purchaser)

Annexure-IV

SUMMARY OF PENALTIES:

Penalty provisions:

Categorization of types of penalties imposed is summarized into 4 categories:

- 1) Category I: Penalty on violation of Radiation Protection Procedure/Provisions.
- 2) Category II: Penalty on violation of Industrial Safety Provisions.
- 3) Category III: Penalty on Non-Availability of Requisite Manpower.
- 4) Category IV: Penalty on General Violation.



Annexure-IV

1) Category I: Penalty on violation of Radiation Protection Procedure/Provisions:

S. No.	Description of Violation	Multiplication Factor	Base Value
1)	Non-disclosure of previous work history in nuclear installation/Hiding the information about deployment in radiation area or previous dose history at other NPP or Nuclear installation.	25,000/- per violation.	
2)	a) Not using TLD in radiation area/Not using TLD while working controlled area of Reactor Building; b) Not using Dosimeter as per RWP/ Not using appropriate dosimetric device as instructed in RWP; c) Not using PPE as per RWP/ Not using appropriate personal protective as recommended in RWP; d) Misuse of TLD, DRD, alarming dosimeter (i.e. using the TLD or DRD or alarming dosimeter issued on other's name/exchange of dosimeter with others); e) Tempering the dosimetry device (TLD, DRD etc), Alarming dosimetry or Bio-assay sample; f) Not depositing TLD at TLD counter while exiting the controlled area/ Not depositing DRD or alarming dosimeter at Health Physic Unit (HPU) counter after end of the shift; g) Non- Compliance in submission of Bio-assay sample; h) Non-compliance of Whole-Body Counting (WBC) of individual; i) Violation of monitoring procedure at inter zonal exit points and/or at Radiological / Zonal Monitors; j) Non wearing recommended protective clothing in Zone-IV of Reactor building.	1500/-	
3)	a) Loss of TLD; b) Loss of DRD; c) Loss of any other Dosimetry device issued by Health Physics Unit.	10,000/-	
4)	Any other violation of radiation protection procedure	2000/-	



Annexure-IV

2) Category II: Penalty on violation of Industrial Safety Provisions:

S. No.	Description of Violation	Multiplication Factor	Base Value
1)	a) Worker found without safety induction training or refresher training/ Worker found without safety training card; General non-compliance of Pre-job Briefing/ non-availability of JHA/ Safety Work Permit or Safe Working Procedure for high risk/hazardous jobs such as working in confined space, working on high voltage electrical equipment, work at height above 2.5 meter, heavy material handling/transportation etc; Not providing required PPEs/Tools to the workmen or not using PPEs/Tools or using PPEs/Tools in incorrect manner or using defective PPEs/Tools; Workers working at height without height pass; Non-compliance of Safe movement of manpower as per rule and regulation applicable at the site such as not using pedestrian pathway during commuting from one location to another etc; b) Non-compliance to uniform/ helmet/shoes c) If any contractor's person found smoking or using Gutka/ Tambaku /Alcohol inside main plant area; d) Unsafe Condition of Electrical Connection taken for the operation of Electrical tools/tackles without three pin plug or use of damaged cable of Electrical tools/tackles;	2000/- per occasion 5000/-	



Annexure-IV

2)	In case of fatal accident or accidents which result in permanent total disability/major injuries to any worker of the contractor.	If the contractor does not take Safety precautions and/or fails to comply with the Safety Rules prescribed by NPCIL or under the applicable law for the safety of equipment and plant and for the safety of personnel and the contractor does not prevent hazardous condition which cause injury to his own employees or employees of other contractors, or NPCIL employees or any other person who are at site or adjacent thereto, the contractor shall be responsible for payment of compensation to NPCIL as per the following schedule: a. Fatal injury or accident-causing death: Compensation @ two percent (2%) of Contract value or amount equivalent to Insured amount whichever is higher, per person. b. Major injuries or accident causing 25% or more permanent disablement to work men or employees: Compensation @ one half of one percent (1/2%) of Contract value or amount equivalent to Insurance claim- whichever is higher, per person. Note: These compensations are applicable for death/injury to any person whatsoever. Permanent disablement shall have the same meaning as indicated in Workmen Compensation Act. The compensation mentioned above shall be in addition to the compensation payable to the workmen/employees under the relevant provisions of Workmen's Compensation Act and rules framed thereunder or any other applicable laws and statutory provisions as applicable from time to time. In case the Owner is made to pay such compensation then the Contractor is liable to reimburse the Owner such amount in addition to the penalty/compensation indicated above.
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Annexure-IV

S. No.	Description of Violation	Multiplication Factor	Base Value
3)	In case of violation/Non-compliance of any other industrial safety related requirements/rules/ regulations/guidelines or in case of Safety Related Deficiency(SDRs)	5000/-	

3) Category III: Penalty on Non-Availability of Requisite Manpower:

S. No.	Description of Violation	Multiplication Factor	Base Value
1)	In case of any particular person /worker deputed on this contract job is absent and the crew of manpower reduces below the minimum manpower as required / mentioned in the tender. (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to particular category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident/person
2)	If Supervisor (other than safety supervisor) is absent. (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to highly skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident/person
3)	Not deploying/absence of minimum no. of safety engineers. (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to 1.5 times Highly Skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/ incident/ person.
4)	Not deploying/absence of minimum no. of safety supervisors. (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to Highly Skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident/person



Annexure-IV

5)	Not deploying/absence of minimum no. of safety stewards. (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to Semi-Skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident/person
6)	Non-deployment/Absence of minimum number of Contractor's Engineer (i.e. Contractor's Employee classified above Highly Skilled Category of Labour) (In case of contractor's person on duty leaving for emergency situation, the penalty provisions may be waived off by the Engineer-in-charge at his/her discretion)	1.25	Daily Minimum wages corresponding to 1.5 times highly skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident/person

4) Category IV: Penalty on General Violation:

S. No.	Description of Violation	Multiplication	Base Value
1)	Delay in payment of minimum wages to workmen / workers/ contractor's employee.	0.1	Daily Minimum wages corresponding to particular category of worker and schedule of Employment of Central or State Govt (whichever is higher) per day per person
2)	a) Delay in submission of insurance policies as per tender condition; b) Delay in Renewal of insurance policies as per tender condition (if required)	2	Premium required to be paid for the lapse period on pro rata basis
3)	a) Late/delay in submission of PG (Performance Guarantee) b) Delay in Renewal of PG (Performance Guarantee) (if required)	0.1% (per day)	Amount of money to be submitted as performance guarantee for the lapse/delay period on pro rata basis
4)	If the Contractor's person found traveling in departmental transport without proper pass /authorization	0.1	Daily Minimum wages corresponding to particular category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/incident



Annexure-IV

5)	In case of loss or damage of RFID/ID card by any of the Contractor s person/Non return of RFID/ID Card	1.1	Actual cost of new RFID/ID Card per violation/incident
6)	Any other general violation/ violation specific to particular nature of work as described in Tender document	0.1	Daily Minimum wages corresponding to particular category of worker and schedule of employment of Central or State Govt (whichever is higher) per violation/incident

Notes:

1. Quantum of Penalty to be imposed = Base Value * Multiplication Factor

where,

Base Value (as specified in above mentioned tables) varies with particular category of worker (viz. Unskilled, Semi-Skilled, Skilled, Highly Skilled), Schedule of Employment and place or as specified above mentioned tables under Base Value Column.

Multiplication Factor (as specified in above mentioned tables) varies with type of violation.

2. Cost of deployment of supervisor is included in overhead part of contractor's total (i.e. 15%) Profit + Overhead portion included in estimation.
For calculation of penalty, category of supervisor is taken as highly skilled and category of contractor's engineer/Safety officer is taken as 1.5 times the highly skilled.
- 3) In case it is not feasible to assign particular category of worker for any contract conditions violation for calculation of base value, then category and schedule of employment corresponding to contractor's Supervisor may be used as default category of worker (i.e Highly skilled category) and also, in case it is also not feasible to assign particular Schedule of Employment for calculation of base value, then Scheduled Employment of "Construction or maintenance of roads....." may be used as default schedule of employment.

Deployment in Contractor's Supervisor provisions:

Contractor has to deploy contractor's supervisor as per GCC Clause no 5.7 at his own cost.

Penalty for non deployment of minimum number of supervisor/absence of supervisor(s):
1.25 times daily minimum wages corresponding to highly skilled category of worker and schedule of Employment of Central or State Govt (whichever is higher) per violation/person."



ADVANCE PAYMENT

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Directorate Of Contracts & Materials Management
NUB, Anushaktinagar, Mumbai-400094.

1. WHEREAS on or about the _____ day of 201_
M/s. _____ a Company registered
under the Companies Act 1956 and having its registered office at

(hereinafter referred to as 'The Contractor') entered into an agreement bearing
No. _____ (hereinafter referred to as 'The Contract'),
with Nuclear Power Corporation of India Limited (A Government of India
Enterprise) acting through Director, Contracts & Material Management (hereinafter
referred to as (Purchaser) for _____
(hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms & conditions of the contract an amount of Rs.
_____ (Rupees _____ only) representing
_____ per cent advance payment out of a contract value of Rs _____ (Rupees
_____ only) is to be paid by the Purchaser to the
contractor.
3. AND WHEREAS the Purchaser has agreed in pursuance of the said terms and
conditions of the contract to make an advance payment of Rs. _____ (Rupees
_____ only) to the Contractor on the Contractor furnishing
a Bank Guarantee in the manner herein contained.



4. NOW WE, the _____ (Bank) in consideration of the purchaser having agreed to pay to the contractor an advance payment of Rs, _____ (Rupees _____ only) do hereby agree and undertake to indemnify the Purchaser and keep the Purchaser indemnified to the extent of a sum not exceeding the said sum of Rs. _____ (Rupees _____ only) against any damage or loss that may be suffered by the Purchaser by reason of non-fulfilment of any of the terms and conditions of the contract by the contractor.
5. WE, _____ (Bank) do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from on behalf of Messrs NUCLEAR POWER CORPORATION OF INDIA LTD stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Purchaser by reason of breach by the said Contractor (s) of any of the terms and conditions contained in the said agreement or by reason of the Contractor(s) 's failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by Bank under this guarantee. However, our liability under this guarantee, shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only .
6. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Contractor (s) in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment thereunder and the Contractor (s) shall have no claim against us for making such payment.



7. AND WE _____ (Bank) hereby further agree that the decision of the said NUCLEAR POWER CORPORATION OF INDIA LTD., as to whether the Contractor has committed breach of any such terms and conditions of the contract or not and as to the amount of damages or loss assessed by the said NUCLEAR POWER CORPORATION OF INDIA LTD., as damage or loss suffered by the Purchaser on account of such breach would be final and binding on us.
8. AND WE _____ (Bank) further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affection in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extent time of performance by the said Contractor (s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Contractor (s) and to forbear or enforce any of the terms and conditions relating the said agreement and we shall not be relieved form our liability by reason of any such variation or extension being granted to the said contractor (s) or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said contractor (s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of relieving us.
9. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor (s).



10. Our guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from that date all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities, thereunder.
11. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____
(Indicate the name of the bank)



PERFORMANCE SECURITY BOND

NUCLEAR POWER CORPORATION OF INDIA LIMITED

(Acting through) Executive Director,
Directorate Of Contracts & Materials Management
NUB, Anushaktinagar, Mumbai-400094.

1. WHEREAS on or about the (Date of the Purchase Order)
M/s. _____ a Company
incorporated under the Companies Act 1956 and having its registered office at _____
(hereinafter referred to as 'The Contractor') entered into an agreement bearing
No. _____ (hereinafter referred to as 'The Contract'),
with Nuclear Power Corporation of India Limited (A Government of India Enterprise)
acting through Director, Contracts & Material Management (hereinafter referred to as
(Purchaser) for supply of _____ (hereinafter
referred to as 'The Equipment').
2. AND WHEREAS under the terms & conditions of the contract, the Contractor shall
furnish Performance Security Bond for an amount of Rs. _____ (Rupees
_____ only) representing 10% of the total value of the
contract in the form of a bank guarantee, in a manner herein contained duly executed
by a scheduled/nationalised bank towards satisfactory performance of the contract and
performance of the equipment and against any loss or damage caused to or suffered or
would be caused to or suffered by the Purchaser by reason of any breach by the said
Contractor(s) of any terms and conditions contained in the said agreement. The
Performance Security Bond shall be valid till satisfactory completion of Defect
Liability Period covering the Warranty/Guarantee period of the equipment as per the
terms & conditions of the said agreement.



3. NOW WE, the _____ (Bank) in consideration of the promises do hereby agree and undertake to pay to the Nuclear Power Corporation of India Limited, (the purchaser) on behalf of the Contractor, the said sum of Rs. _____ (Rupees _____ Only), the amount due and payable under the guarantee without any demur, merely on a demand from the Nuclear Power Corporation of India Limited stating that the amount claimed is due by way of loss or damage caused to, or suffered by, the Purchaser by reason of any breach by the said Contractor of any of the terms and conditions contained in the said agreement or by reason of the contractors failure to perform the said agreement or by reason of unsatisfactory performance of the equipment during the Warranty period. Any such demand, made on the bank, shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).
4. WE undertake to pay to the Purchaser the said sum of Rs. _____ (Rupees _____ Only), demanded notwithstanding any dispute or disputes raised by the Contractor(s), in any suit on proceedings pending before any Court or Tribunal relating thereto, our liability under this presents being absolute irrevocable and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor shall have to no claim against us for making such payment.
5. WE HEREBY further agree that the decision of the Nuclear Power Corporation of India Limited as to the amount of damages suffered by the Purchaser by reasons(s) of any breach by the said Contractor or whether the said equipment is giving satisfactory



performance or not during the Warranty Period as per the terms and conditions of the said agreement, shall be final and binding on us.

6. AND WE, the _____ (Bank) do hereby further agree that our liability hereinunder shall not be discharged by virtue of any agreement between the Purchaser and the Contractor whether with or without our knowledge and/or consent and shall remain in full force and effect during the period that would be taken for the performance of the said agreement or by reason of the Purchaser showing any indulgence or forbearance to the Contractor whether as to payment, time for performance, or any other matter whatsoever relating to the contract, which but for this provision, would amount to discharge of the surety under the law.
7. THIS guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. OUR Guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from the said date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all our liabilities hereunder.
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____

(indicate the Name of bank)



RETENTION BANK GUARANTEE

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Contracts & Materials Management
Nabhikiya Urja Bhavan,
Anushaktinagar,
Mumbai - 400 094.

1. WHEREAS on or about the _____ day of _____ M/s. _____ a Company registered under the Companies Act 1956 and having its registered office at _____ (hereinafter referred to as 'The Contractor') entered into an agreement bearing No. _____ dtd. _____ (hereinafter referred to as the 'The Contract'), with Nuclear Power Corporation of India Limited (acting through Executive Director, Contracts & Materials Management Group) (hereinafter referred to as the 'The Purchaser') for supply of _____ (hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms and conditions of the contract balance 10% payment is to be made against _____ and on the supplier furnishing a retention bank guarantee for Rs. _____ (Rupees _____ only) representing 10% of the contract value in the manner herein contained.
3. NOW WE, (Bank) _____ in consideration of the Purchaser having agreed to pay to the Contractor balance payment of Rs. _____ (Rupees _____ only) do hereby agree and undertake to indemnify the Purchaser and keep the Purchaser indemnified to the extent of a sum not exceeding the said sum of Rs. _____ (Rupees _____ only) against any damage or loss that may be suffered by the Purchaser by reason of non fulfillment of any of the terms and conditions of the contract by the CONTRACTOR.
4. WE, the (Bank) _____, do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT on behalf of M/s. NUCLEAR POWER CORPORATION OF INDIA LIMITED stating that the amount claimed is due byway of loss or damage caused to or would be caused to or suffered by the Purchaser by reason of breach by the said Contractor of any of the terms and conditions contained in the said agreement or by reason of the Contractor(s) failure to perform the said agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only).



5. We undertake to pay to the Purchaser any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s), in any suit or proceedings pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
6. AND WE, the (Bank) _____, hereby further agree that the decision of the said EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT GROUP, NUCLEAR POWER CORPORATION OF INDIA LIMITED as to whether the Contractor has committed breach of any such terms and conditions of the contract or not and as to the amount of damages or loss assessed by the said EXECUTIVE DIRECTOR, CONTRACTS AND MATERIALS MANAGEMENT GROUP, NUCLEAR POWER CORPORATION OF INDIA LIMITED as damage or loss suffered by the Purchaser on account of such breach would be final and binding on us.
7. WE, the (Bank) _____, further agree with the Purchaser that the Purchaser shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Purchaser against the said Contractor and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variations or extensions being granted to the said Contractor or for any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision have effect of relieving us.
8. THIS GUARANTEE will not be discharged due to the change in the constitution of the Bank of the Contractor(s)/Supplier(s).
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

NOTWITHSTANDING ANYTHING CONTAINED herein above, our liability under this guarantee is restricted to Rs. _____ (Rupees _____ only). Our guarantee shall remain in force for a period of three months from the date of the bank guarantee i.e. up to _____ and unless a claim under the guarantee is lodged within the above date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all liabilities under this guarantee there under.

Dated the _____ day of _____ 201__

For _____
(Indicate the name of the Bank)

* * *



ANNEXURE-D

**GUARANTEE TO BE EXECUTED BY CONTRACTOR FOR REMOVAL OF DEFECTS
AFTER COMPLETION IN RESPECT OF ROOF INSULATION/WATER ROOFING**

Details of Work :-

The Agreement made this -----day of-----between -----
---son of------(hereinafter called the Guarantor of the one part)
and the Nuclear Power Corporation of India Limited, (hereinafter called the Corporation of the
other part).

WHEREAS this agreement is supplementary to a Original Contract No.- -----(hereinafter
called the Contract), dated -----and made between the GUARANTOR OF THE ONE
PART and the CORPORATION of the other part whereby the Contractor, interalia, undertook to
render the buildings and structures in the said contract recited completely water and leak proof.

And WHEREAS the Guarantor agreed to give a guarantee to the effect that the said structures
will remain water and leak proof for ten years from the date of giving of water proofing
treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment
given by him will render the structures completely leak proof and the minimum life of much
water proofing treatment shall be ten years to be reckoned from the date after the maintenance
period prescribed in the contract.

Provided that the Guarantor will not be responsible for leakage caused by earthquake or
structural defects or misuse of roof or alteration and for such purpose –

a) Misuse of roof shall mean any operation which will damage proofing treatment, like
chopping of firewood and things of the same nature which might cause damage to the roof.

Alteration shall mean construction of an additional storey or a part of the roof or

b) construction adjoining to existing roof whereby proofing treatment is removed in parts.

c) The decision of the Engineer-in-Charge of the Corporation with regard to cause of leakage
shall be final.

During this period of guarantee, the Guarantor shall make good all defects and in case of any
defect being found render the building water proof to the satisfaction of the Engineer-in- Charge
at his cost and shall commence the work for such rectification within seven days from the date of
issue of notice from Engineer-in-Charge calling upon him to rectify the defects failing which the
work shall be got done by the Corporation by some other Contractor at the
Guarantor's cost and risk. The decision of the Engineer-in-Charge as to cost, payable by the
Guarantor shall be final and binding.

That if the Guarantor fails to execute the water proofing of commits breach
thereunder, then the Guarantor will indemnify the Principal and his successors
against all loss, damage, cost, xpense or otherwise which may be incurred by him by
reasons of any default on the part of the Guarantor in performance and observance of loss
and/or damage and/or cost incurred by the Corporation, the decision of the Engineer-
in-Charge will be final and binding on the parties.



IN WITNESS WHEREOF three presents have been executed by the Obligor -----
----- and by ----- and for and on
behalf of the Nuclear Power Corporation of India Ltd., on the day, month and year first
above written.

Signed, Sealed & Delivered by Obligor in the presence of –

- 1.
- 2.

Signed for and on behalf of the NPCIL

By NUCLEAR POWER CORPORATION OF
INDIA LIMITED In the presence of –

- 1.
- 2.



PO No. _____

Invoice No. & Date: _____

Declaration Form for GST

The Supplier/Contractor while submitting their bill to the Paying Authority shall furnish the following certificates:

Certified that:

- (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:

- (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 year (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.
- (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.

Signature of Contractor or their Authorised Representative with company seal.



Annexure-J

OPERATIONAL ACCEPTANCE CERTIFICATE

Will be issued later



(To be submitted in Non-judicial stamp paper of Appropriate Value)

LATENT DEFECTS BOND

NUCLEAR POWER CORPORATION OF INDIA LIMITED
(Acting through) Executive Director,
Directorate of Contracts & Materials Management
NUB, Anushaktinagar,
Mumbai-400094.

1. WHEREAS on or about the _____ (Date of purchase order) day of _____ 201_ M/s. _____ a Company under the Companies Act, 1956 and _____ having its registered office at _____ (hereinafter referred to as 'The Contractor') entered into an agreement bearing No. _____ dated _____ (hereinafter referred to as 'The Contract'), with Nuclear Power Corporation of India Ltd. (A Government of India Enterprise) acting through Executive Director, Directorate of Contracts & Materials Management (hereinafter referred to as 'Purchaser') for supply of _____ (hereinafter referred to as 'The Equipment').
2. AND WHEREAS under the terms and conditions of the contract a Bank Guarantee towards Performance Security Bond is to be released to the contractor on furnishing a Bank Guarantee for an amount of Rs. _____ (Rupees _____ only) representing ONE percent payment out of the total value of goods supplied i.e. Rs. _____ (Rupees _____ only) in a manner herein contained duly executed by a Scheduled/Nationalised bank towards satisfactory performance of the equipment during Latent Defect Liability Period viz. 60 months from the date of completion of Defect Liability Period as defined in the conditions of the contract.
3. NOW WE, the _____ (Bank) in consideration of the promises and the payment of the said sum of Rs. _____ (Rupees _____ only) by the Purchaser to the Contractor do hereby agree and undertake to pay to the Nuclear Power Corporation of India Limited, on behalf of the Contractor, the amount due and



payable under the guarantee without any demur, merely on a demand from the Nuclear Power Corporation of India Limited, stating that the amount claimed is due by way of loss or damage caused to, or suffered by, the Purchaser by reason of unsatisfactory performance of the equipment during the Latent Defect Liability Period. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rupees _____ only)

4. We undertake to pay to the Purchaser any money demanded notwithstanding any dispute or disputes raised by the Contractors, in any suit proceedings pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under the bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.
5. WE HEREBY further agree that the decision of the Nuclear Power Corporation of India Limited as to whether the said equipment is giving satisfactory performance or not during the Latent Defect Liability Period and as to the amount of damages suffered by the Purchaser on account of unsatisfactory performance of the said equipment shall be final and binding on us.
6. AND WE, the _____ (Bank) do hereby agree that our liability herein under shall not be discharged by virtue of any agreement between the Purchaser and the Contractor whether with or without our knowledge and/or consent or by reason of the Purchaser showing any indulgence or forbearance to the Contractor whether as to payment, time for performance, or any other matter whatsoever relating to the contract, which but for this provision, would amount to discharge of the surety under the law.



7. THIS guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
8. OUR Guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within three months from that date, all rights of the Purchaser under the guarantee shall be forfeited and we shall be relieved and discharged from all our liabilities hereunder.
9. Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the bank. Any invocation of the guarantee can be made only by the beneficiary directly.

Dated the _____ day of _____ 201_

For _____

(Indicate the Name of the bank)



APPENDIX - I

REFERENCES

- 1.0 Our Tender No. CMM/OPS/06-35-9-3581 Dtd.23.03.2024.
- 2.0 Your offer No. DVPL/HO/TEN/24-25/76 dated 15.05.2024.
- 3.0 Our letters dated 30.05.2024, 20.06.2024, 23.08.2024, 18.11.2024, 10.12.2024,
- 4.0 Our emails dated 18.11.2024, 20.12.2024, 05.12.2025, 02.01.2026, 04.02.2026 and 10.12.2024.
- 5.0 Your emails dated 11.12.2024, 12.12.2024, 20.12.2024, 09.07.2025, 06.12.2025, 07.01.2026 and 05.02.2026.
- 6.0 Your letters dated 26.11.2024, 11.12.2024, 12.12.2024, 20.12.2024
- 7.0 MOM dated 21.11.2024, 16.12.2024

Signature Not Verified

Digitally signed by PATIL ANIL R
Date: 2026.02.25 12:57:38 IST
Location: eProcurement System for Central
PSUs

