



BHARAT HEAVY ELECTRICALS LIMITED भारत हैवी इलेक्ट्रिकल्स लिमिटेड
(A GOVT. OF INDIA UNDERTAKING) (भारत सरकार का उपक्रम)
PROJECT ENGINEERING MANAGEMENT परियोजना अभियांत्रिकी प्रबंधन

निविदा आमंत्रण सूचना
NOTICE INVITING TENDER (NIT)

MOU Enquiry Ref No- 77/26/6161/AMI

Date: 1-Oct-26

BHEL is in the process of bidding for 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 Nuclear Island Mega EPC Package (NIMEP). BHEL intends to have a Pre-bid tie –up/MOU for the scope of **DAMPERS FOR NUCLEAR VENTILATION SYSTEM for 4X700 MW ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)** associated with the above project with the bidder offering most competitive price

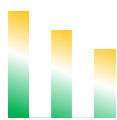
BHEL invites offers for **Pre-Bid Tie-up/MOU** with reputed and experienced bidders (meeting pre-qualifying requirements as mentioned) as per following terms and conditions -

1. Tender Type	Open Tender (Domestic-Indian)		
2. Package	DAMPERS FOR NUCLEAR VENTILATION SYSTEM		
3. Projects	4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)		
4. Executing Agency	BHEL- PEM		
5. End Customer	Anushakti Vidhyut Nigam Limited (ASHVINI)		
6. Mode of Enquiry	E - PROCUREMENT		
7. Numbers of Part bid	2-Part bid (Techno-commercial and Price bid)		
8. Due Date & Time	For offer submission	12-Oct-26	12:00 PM
	For P-1 bid opening	12-Oct-26	04:00 PM
9. Non-Disclosure Agreement (NDA)	Format of Non- Disclosure Agreement (NDA) is enclosed with this NIT. The Tender document available/uploaded on the BHEL portals https://eprocurebhel.co.in/nicgep/app, https://tenders.bhel.com/bhel-admin & https://pem.bhel.com/ does not contain the Technical Specification. The technical specification shall be shared only to those bidders who have signed NDA and Power of Attorney (PoA) which clearly specify that the personnel is authorized to sign the NDA on behalf of the Company/Firm. Bidder to send signed NDA through email to the officials mentioned in NIT. After acceptance of NDA & PoA by BHEL, the bidder can obtain the Technical Specification, through Memory Stick i.e. Pen-drive or emails (if feasible), from officials mentioned in NIT. Subsequently, bidder shall submit original NDA to BHEL.		
10. Earnest Money Deposit (EMD) (Refer S.no- 29 for details)	Applicable (item wise i.e. type of dampers)	EMD Amount (Rs)	Item 1: 40 Lacs Item 2: 40 Lacs Item 3: 40 Lacs
11. Tender Cost	NIL		
12. Eligibility of Local Supplier as per MII (Refer S.no- 38 for details)	Nature of Package: Non - Divisible Only Class I Supplier (with local content 60% and above)		
13. Technical Scope	As per Technical specification No: PE-TS-551-580-003-A001 (REV0)		
14. Pre-bid Clarification	Last Date for Seeking Clarification	6-Oct-26	



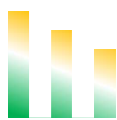
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	Bidders to contact BHEL-PEM (over phone/ mail/ visit-BHEL-PEM) for any clarification (Technical or Commercial) at least 05 days before the due date of Tender opening & get it clarified well before the due date, so that offers by the Suppliers may be submitted within the due date & time. BHEL reserves the right not to respond to pre-bid clarifications received after last date of seeking clarification. Bidders to furnish the pre-bid queries in editable format also.	
15. Schedule of Pre-bid Discussion	Based on Bidder's Request, if required, Pre-Bid Meeting shall be arranged.	
16. Prequalification Requirements	Financial PQR- YES	Technical PQR- YES
	This item/package /system falls under the list of items defined in para 3 of ministry of finance guideline dated 20.09.16 (Procurement of items related to Public safety, Health, Critical Security operations & Equipment's etc.) & hence criteria of prior experience/Turnover shall be same for all the Suppliers including Start-up/MSME.	
17. CIF Content	Not Available	
18. Mode of Price Finalisation	Price Bid Opening	
19. HSE Guidelines	Not Applicable	
20. Delivery Schedule	Design & Engineering: 10 months from date of LOA. Drawing/documents submission schedule shall be finalised after LOA suiting delivery schedule. Bidder to resubmit document within 10 days from date of receipt comments. Delay (if any) in BHEL's comment/approval beyond 18 days shall be in BHEL's account and will also be considered for delay analysis. Main Supply (along with commissioning spares): - Unit 1 & 2: 32 months from the date of PO. Unit 3 & 4: 32 months from the date of PO. Drawing/ documents submission and re-submission shall be as per Technical Specification. Mandatory Spares: - To be supplied along with last consignment of main supply or 6 months from manufacturing clearance, whichever is later. Services (Supervision of E&C): - Personnel shall be deputed within 10 days of intimation. Services (Trial run & PG Test): - Personnel shall be deputed within 10 days of intimation. Services (training of customer/client O&M staff at site): - Personnel shall be deputed within 10 days of intimation. Note: Separate Purchase Orders shall be issued for Unit 1 & 2 (Stage-I) and Unit 3 & 4 (Stage-II) respectively after finalisation of award and/or receipt of date of commencement of work from end customer.	
21. Delivery terms	FOR Despatch Station for supply	
22. Payment Terms	Design & Engineering: Engineering Charges in main sheet of the detailed BOQ cum price format of each item (type of dampers) shall not be more than 5% of the Total	





	Contract Value (including Main Supply, Services, Mandatory Spares, etc.) excluding freight & GST for that item, failing which the break-up of prices shall be adjusted accordingly for ordering. 50% of price of Design/Engineering Charges shall be made against basic engineering (i.e. Preparation, submission & approval of basic drawing/ documents as indicated in tender specification) and the remaining payment shall be made for the balance engineering part on pro-rata basis. Bidder to submit additional BG of equivalent amount which shall be valid till completion of main supply. Main Supply & Mandatory Spares: Payment of 100% of basic price of materials supplied along with 100% freight and taxes & duties (as applicable), shall be paid against receipt of Material Receipt Certificate (MRC) from end customer i.e. M/s ASHVINI. Services: 100% payment shall be released after successful completion of the activity on pro rata basis, on Site certification/ certification by engineering as applicable. Note: Clause no 9.6 (excluding notes) of Corrigenda 03 to GCC Rev-07 shall be read as- Vendors shall submit billing documents for payment directly to BHEL. Each such application for payment shall be accompanied by all required documents as set forth in the Contract and/or intimated to the Contractor in advance. Payment will be released within 30 days from the date of receipt of application for payment complete in all respects and acceptable to the Purchaser. Important Note for MSME Bidders- In respect of procurement of goods or services from Micro, Small and Medium enterprises (MSMEs), the settlement of invoice shall be only through any of the TReDS platform ((i.e RXIL, Mlxchange, Invoicemart, KReDX, C2FO), authorised by the Reserve Bank of India. Such MSME suppliers to select their preferred TReDS platform before award of contract so that the data is captured in the Order /Contract database of the Unit. They also will have the option to change the TReDS platform from the drop-down menu on Suvidha portal of BHEL, at the time of invoice submission. Wherever the Trade Receivable is accepted by BHEL, the same shall be validated by the Unit on the respective TReDS platform selected by the supplier. The routing of invoices through the TReDS platform shall not be construed as mandating discounting of such invoices and the MSMEs supplier shall have the option to avail or not avail financing or discounting of its receivables on the TReDS platform. In case discounting is not availed by the supplier on TReDS, the trade receivables will be paid through TReDS as per the payment timelines indicated in the contract."
23. Guarantee Period	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 (MRC), whichever occurs first. Further to the above, At the end of Guarantee/Defects Liability Period, the Contractor's liability ceases except for latent defects. The Contractor's liability for latent defects warranty for the plant and



	Equipments including spares shall be a limited to a period of five (5) years from the end of Defects Liability Period. Except Guarantee period, other conditions of Guarantee shall be as per GCC Rev-07 along with its corrigendum -01, 02 & 03								
24. Liquidated Damages (LD)	LD on Main Supply: Purchaser reserves the right to recover from the Seller/ Contractor, as agreed liquidated damages if dispatch/delivery of the package (Main supply) is delayed beyond the contractual completion date or extension thereof as per the period stipulated in the Order/ Contract and not by way of penalty, a sum equivalent to 0.25% of the total contract price (main supply) per week or part thereof, limited of five (5) percent of the total contract price (main supply) excluding GST. LD on Mandatory Spares: Purchaser reserves the right to recover from the Seller/ Contractor, as agreed liquidated damages if dispatch/delivery of the package (Mandatory Spares) is delayed beyond the contractual completion date or extension thereof as per the period stipulated in the Order/ Contract and not by way of penalty, a sum equivalent to 0.25% of the total contract price (Mandatory Spares) per week or part thereof, limited of five (5) percent of the total contract price (Mandatory Spares) excluding GST. LD on Services: LD on service portion where delivery for services are defined separately in the NIT. LD shall be applicable @ 0.25% of the respective service portion contract value per week or part thereof limited to five (5) percent of the respective contract value of service portion excluding GST. Except Liquidated Damages (LD) rate and ceiling, other conditions of LD shall be as per GCC Rev-07 along with its corrigendum -01, 02 & 03. Note: a) The value of Purchase Orders for the purpose of Levy of LD shall be the revised value of Purchase Order after adjustment of Price variation implications. b) The liquidated damages shall also be applicable on price adjustment value along with contract value.								
25. Price Basis	PVC Applicable, Refer Annexure-A for PVC								
26. Variation of contract value	(+/-) 25%								
27. Integrity Pact Applicability - Yes	In line with cl. No. 12 of (ITB) GCC Rev-07, following Independent External Monitors (IEMs) have been appointed by BHEL. a) Dr. Sarat Kumar Acharya, Ex-CMD, NLC (iem1@bhel.in) b) Shri R. Mukundan, IRPS (Retd.) (iem2@bhel.in) c) Shri Madan Lal Meena, IAS (Retd.) (iem3@bhel.in)								
28. Tender Evaluation	This tender covers the following 3 items, for the purpose of bidding, evaluation and award of contract] <table border="1"> <thead> <tr> <th>Item No</th><th>Type of Dampers</th></tr> </thead> <tbody> <tr> <td>Item 1</td><td>CRITICAL / CONTAINMENT ISOLATION DAMPERS</td></tr> <tr> <td>Item 2</td><td>FIRE DAMPERS</td></tr> <tr> <td>Item 3</td><td>OTHER DAMPERS</td></tr> </tbody> </table> Important Notes for Bidding Requirement:	Item No	Type of Dampers	Item 1	CRITICAL / CONTAINMENT ISOLATION DAMPERS	Item 2	FIRE DAMPERS	Item 3	OTHER DAMPERS
Item No	Type of Dampers								
Item 1	CRITICAL / CONTAINMENT ISOLATION DAMPERS								
Item 2	FIRE DAMPERS								
Item 3	OTHER DAMPERS								



- Bidders may submit their offers for one or multiple (2 or 3) items (type of dampers).
- Bidders to quote single price against each item (Item-1, 2 & 3) in price bid format arrived on the basis of detailed BOQ cum price format enclosed as Annexure-C1, C2 & C3 to NIT for item no. 1, 2 & 3 respectively.
- Bidders are required to submit break up in terms of percentage in detailed BOQ cum price format enclosed as Annexure C1, C2 & C3 to NIT for item no. 1, 2 & 3 respectively (**along with techno-commercial bid**).

Important Notes for Evaluation:

- Techno-commercial and price evaluation shall be carried out on a Item wise basis only.
- For each Item, Evaluation will be done on L1 (Total Cost to BHEL excluding GST) basis with necessary loading as applicable.

Purchase orders shall be awarded Item-wise to the respective L1 bidder.

The evaluation currency for this tender shall be INR.

In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders.

In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder (s) or their representative(s).

Ranking will be done accordingly. BHEL's decision in such situations shall be final & binding.

29. **Earnest Money Deposit (EMD):** EMD is to be submitted by all the bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)).

Bidders may submit EMD separately for each item (type of dampers) or combined EMD for multiple (2 or 3) items.

Modes of deposit

The EMD shall be accepted only in the following forms:

- i) Electronic Fund Transfer credited in BHEL account (before tender opening): <https://pem.bhel.com/Documents/SupplierSection/BHELBANKER.pdf>
- ii) Banker's cheque/ Pay order/ Demand draft, in favor of BHEL-PEM, Noida (along with the offer).
- iii) Fixed Deposit Receipt (FDR)
- iv) Bank Guarantee from any of the Scheduled Banks (refer EMD Annexure of NIT)
- v) Insurance Surety Bonds.

Scanned copy of EMD shall be uploaded by Supplier in the online bid and hard copy of the same (excluding EFT at s.no (i) shall have to be submitted to the bidder within 7 (Seven) working days of bid opening, failing which the bid shall be rejected by giving a suitable cut-off date.

Validity period of EMD: The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.

EMD shall not carry any interest.



Forfeiture of EMD: -

- I. A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.
- II. EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors (abridged version of guidelines is available on www.bhel.com)" and forfeited/ released based on the action as determined under these guidelines.

Return of EMD: -

- I. Bid securities of the unsuccessful bidders shall be returned to them after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, Bid securities of unsuccessful bidders during first stage i.e. technical-commercial evaluation etc. shall be returned within 30 days of declaration of result of first stage i.e. technical-commercial evaluation.
- II. Bid security shall be refunded to the successful bidder on conclusion of the order/ receipt of a performance security.

30. **Performance Security (PS) for Contract after MOU:** In lieu of CPBG as per clause no. 11 of GCTC of GCC Rev-07, Successful bidder is required to submit Performance Security of 10% of the contract value (total Ex-works price excluding PVC) to BHEL PEM within 14 days from the date of LOA:

- i. PS will be released on completion of all contractual obligations, including guarantee/warranty obligations based on certification by Project Group/Purchaser.
- ii. Value of the Bank Guarantee (at the time of submission) shall remain unchanged for any subsequent variations in order/ contract value up to 15%. Beyond this, the Seller/ Contractor shall arrange to enhance or reduce the value of the Bank Guarantee accordingly.

Validity of PS:

- a) Validity shall be for the entire Guarantee/Defect liability period. Initially, it should be at least **53 months**. Validity of PS shall be extended till completion of Guarantee/Defect liability period. Such Extensions shall be done well in advance but not later than one month before the expiry of PS.
- b) All other conditions of GCC Rev-07 along with corrigendum-01, 02 & 03 regarding CPBG shall be applicable.

Modes of deposit: Performance security may be furnished in the following forms:

- a) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.
- b) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.
- c) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).
- d) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).
- e) Insurance Surety Bond.

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

Performance Security should remain valid for a period of 90 (Ninety) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

Notes/Remarks

- a) The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.



b) Performance security should be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60(sixty) days of completion of all such obligations including the warranty under the contract.

The Performance Security shall not carry any interest.

31. **Latent Defect Security:** The Contractor shall submit a Bank Guarantee for 1% (one percent) of the total value of goods sold, in the respective contract currencies, as security against latent defect. This Bank Guarantee shall be valid for a period of 5 (five) years from the date of successful completion of the defect liability period as per the contract

32. **Breach of contract, Remedies and Termination** - Clause no. 27.0 of GCTC of GCC Rev-07 is not applicable. However, in case of Breach of Contract, BHEL shall recover 10% of the contract value from the Vendor using following instruments:

- Encashment of security instruments like EMD, Security Deposit with BHEL -PEM against the said contract.
- balance amount (if value of security instruments is less than 10% of the contract value) from other financial remedies i.e. available bills of the contractor, retention amount etc with BHEL - PEM.
- balance amount from security instruments like EMD, Security Deposit and other financial remedies i.e. available bills of the contractor, retention amount etc. with other units of BHEL.
- (iv) If recovery is not possible then legal remedies shall be pursued

The balance scope shall be got done independently without Risk & Cost of the failed supplier/ contractor. Further, levy of Liquidated Damages, Debarment, Termination, De-scoping, Short-closure, etc., shall be applied as per provisions of the contract

33. GST shall be payable extra at actual.

34. Purchase preference would be applicable to MSE bidders as per GOI circular (No. F.1/4/2021- PPD dtd. 18.05.2023) and any other subsequent circulars / clarifications.

All the bidders are required to declare their ownership status (SC/ ST or Women-owned or others) along with their MSE category in format enclosed with NIT. This declaration, along with the Udyam Certificate, shall be mandatory for bidders to avail benefits under the Public Procurement Policy.

35. GeM Seller ID shall be mandatory before placement of order/award of contract to the successful bidder.

36. Bidder to quote non-zero freight charges in percentage (%) of their quoted Total Ex-Works prices of supply.

37. Bidder to submit declaration regarding Insolvency/ Liquidation/ Bankruptcy proceedings as per the format enclosed with NIT.

38. **Make in India:** For this procurement, the local content to categorize a supplier as Class I local supplier/ Class II local supplier/ Non-Local supplier and purchase preference to Class I local supplier shall be as defined in Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024 issued by DPIT. In case of subsequent order issued by nodal ministry changing the definition of local content for item in NIT, the same shall be applicable even if issued after issue of this NIT but before opening of part-II bids against this NIT. Bidders shall comply with all provisions of the Public Procurement (Preference to Make India), Order 2017 Rev dated 19.07.2024.

The margin of purchase preference shall be as per above mentioned order dtd. 19.07.2024. For this tender, offer from only Class-I Local Suppliers shall be considered.

Important Note to Bidders: All items for the package shall be sourced from Indigenous sources. Importing of a few stores, not available from Indigenous sources, may be allowed if it is necessary for completion of the package. However, bidder shall ensure that items to be imported to India do not have US origin components above the de-minimis level.

End user verification shall not be agreed by BHEL 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'

Bidders are required to provide the following along with the part-1 bid:



- Provide a certificate (in line with attached draft) from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content. Further, Provide the details of the location(s) at which the local value addition shall be made
- Please submit the extract of AGM Resolution of your company regarding appointment of statutory auditor or cost auditor of current year.

39. Supplier to note that this is an Open Tender enquiry & consideration of their offer for price bid shall be subjected to the following conditions:

- a) Qualifying Technical & Financial Pre-Qualification Requirement.
- b) Techno-Commercial acceptance of offer by BHEL-PEM.

It is suggested that suppliers participating in the tender get themselves registered with BHEL-PEM as a "Regular Supplier". Regular Suppliers for the package are informed about the floated tender enquiries by BHEL-PEM. Suppliers to apply online through registration portal available at www.pem.bhel.com - Supplier Zone- Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration can be uploaded & submitted online through the website.

40. **Minimum Supervision of E&C Charges:** Clause no -9 of Corrigendum-01 to GCC Rev-07 shall be read as "Supervision of E&C charges, if applicable should not exceed 2% of the total contract value, failing which the quoted amount shall be adjusted to 2% of the total contract value by BHEL at the time of evaluation and ordering.

41. MOU/Pre-Bid Tie up shall be done with customer approved vendor only. Vendor approval of successful bidder (L1 bidder), if not approved, shall be taken up subsequent to price bid opening with end customer. In case, End Customer does not approve L1 bidder, MOU process shall be annulled

42. **Pre-Bid Guarantee for MOU:** Bidder shall furnish a Bid Bond for an amount equal to 1% (One Percent) of the value of the MOU price within 30 days of signing of this MOU. Bid Bond shall be in the form of Bank Guarantee/Security Deposit (Instruments as defined in Performance Security Clause). The Bank Guarantee/Security Deposit shall be furnished in accordance with the relevant provisions of the Tender for Bank Guarantees/Security Deposit. Bidder shall keep the Bank Guarantee/Security Deposit furnished as Bid Bond valid till the period of validity of MOU including extended period if any.

43. **Time Period of MOU:** MOU shall continue to remain valid until issue of Letter of Award ("LOA")/Purchase Order (PO) by BHEL or expiry of 18 months, or any other agreed extended period, from the date of signing, whichever occurs earlier The Letter of Award/Purchase order issued to the contractor shall supersede this MOU.

44. **Variation in Pricing and Alteration in terms & conditions:** The Lumpsum price as agreed upon by this MOU, will remain firm for the scope of Works as per technical specification. However, BHEL reserves the right to negotiate with M/s ASHVINI at any stage to secure the Project, without involving the bidder. Any reduction on the final price for the Project, as agreed by BHEL during negotiations with M/s ASHVINI, shall be correspondingly applicable to the price agreed upon in the MOU and shall be binding on the Contractor. No revision in price, save as excepted hereinabove, shall be accepted on account of any implication arising out of but not limited to ignorance, omissions, negligence of technical specifications and/ or tender terms and conditions on the part of bidder.

45. Bidders to note that MOU/Pre-Bid Tie up shall be finalised for all units. However, subsequent order shall be awarded only for units for which BHEL wins the order from end customer

46. **Grievance Redressal Mechanism:** To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company:

Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:

- *First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract.*



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• *Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix.*

47. Verification of PQR documents: Bidders to ensure that Third party/customer issued certificates being submitted as proof of PQR qualification have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and e-mail Id etc. In case the same is not available, then purchaser has right to reject such document(s) from evaluation
48. All Bidders to comply Govt. of India, Ministry of Power, order no-25-111612018-PG dtd 02/07/2020 regarding mandatory testing of all the imported items/equipment's/components
49. Self-declarations/ Auditor's/ Accountant's Certificates submitted by the manufacturer/ supplier may be verified randomly by the committee constituted as per MoP Order 28-07-2020. In case of false documents/misrepresentation of the facts requisite action against such manufacturer/ supplier will be taken based on the recommendation of the Committee.
50. If Supplier mentions Not Applicable / Not required / Not Quoted in BHEL price format, the same to be substantiated by the Supplier. If such item is required to be supplied for system completion in future, same will be supplied free of cost.
51. All bidders to declare that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.
52. At Sl.no. 17 of ITB of GCC BOP Rev.00, "Base rate of SBI on the date of bid opening, (Techno-commercial bid, in case of 2-part bids) + 6%" may be read as "Repo Rate on the date of bid opening, (Techno-commercial bid, in case of 2-part bids) + 4%"
53. **Conflict of interest:** All bidders are required to submit the declaration regarding conflict of interest in the format enclosed with the NIT signed by the authorized signatory of the bidder
54. Conciliation & Arbitration shall be as per **Annexure-B** to NIT.
55. Terms & Conditions: - The terms & conditions shall be as per enclosed special conditions of the contract (copy enclosed), General Conditions of Contract (GCC) Rev 07 along with its Corrigendum-01, 02 & 03 (available on www.pem.bhel.com) and other Terms and Conditions included in this Enquiry Letter.
Bidders to agree with all the clauses of GCC Rev-07 along with its Corrigendum-01, 02 & 03 except clause no-27.0 of GCTC of GCC Rev-07 (available on www.pem.bhel.com) and other Terms and Conditions included in this Enquiry Letter.
56. All the above terms and conditions, post-bid agreements/MoMs (during Techno- Commercial evaluation) shall automatically become a part of the MOU/Order/Contract after its finalisation.
57. All corrigenda, addenda, amendments, time extensions, clarifications, etc. to the tender will be hosted on BHEL website (www.bhel.com) & BHEL-PEM website (www.pem.bhel.com) and GePNIC portal. Suppliers should regularly visit websites to keep themselves updated
58. Suppliers to note that offers shall be submitted strictly in accordance with the requirements of tender documents. Suppliers shall upload their complete offer meeting the requirements of the tender documents on e-procurement portal <https://eprocurebhel.co.in/nicgep/app>.

Following documents need to be uploaded:

- Offer forwarding/ covering letter with Un-price bid, Deviation Sheet (Cost of Withdrawal)
- Documents required for meeting Technical & Financial PQRs
- Integrity Pact
- Local Content Certificate in line with Make in India circular
- Land Border Certificate



BHARAT HEAVY ELECTRICALS LIMITED भारत हैवी इलेक्ट्रिकल्स लिमिटेड
(A GOVT. OF INDIA UNDERTAKING) (भारत सरकार का उपक्रम)
PROJECT ENGINEERING MANAGEMENT परियोजना अभियांत्रिकी प्रबंधन

- Declaration regarding Insolvency/ Liquidation/ Bankruptcy proceedings
- Mandatory declaration by MSE bidders
- Mandatory declaration by bidders regarding conflict of interest
- Price Bid on e-procurement portal - <https://eprocurebhel.co.in/nicgep/app>

59. It shall be the responsibility of the Supplier to ensure that the tender complete in all respects is uploaded on or before the due date and time. Incomplete/late offers shall not be considered.

60. All other correspondence thereof shall be addressed to the undersigned by name & designation and sent at the following address:

Amit Kumar /Sr. Manager-BOP
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
BHEL Sadan,
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: amitkum@bhel.in
Contact No.: 0120-2218523, 9910906336

Upendra Chaudhary/DGM – BOP
M/s Bharat Heavy Electricals Ltd.,
Project Engineering Management,
BHEL Sadan
HRD & ESI Complex,
Plot No 25, Sector-16 A, Noida-201301
E-mail: upendrachaudhary@bhel.in
Contact No.: 0120-2218557, 8800355885

Note - In case you are not making an offer against this enquiry, you are requested to send a regret letter so as to reach us on or before the due date

Disclaimer:

- 1 This Pre-bid Tie-up is neither an agreement nor an offer by BHEL to the prospective Supplier/Seller or any other person.
- 2 BHEL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Supplier/Seller upon the statements contained in this Pre-Bid Tie-up.
- 3 The issue of this Pre-Bid Tie-up does not imply that BHEL is bound to select and shortlist Supplier/Seller for next stage or to enter into any joint working agreements with shortlisted Supplier/Seller.
- 4 BHEL at its discretion may extend the due date for submission of Pre-Bid Tie-up and the decision of BHEL in this respect would be final and binding on the Supplier/Seller.
- 5 Notwithstanding anything contained in this Pre-Bid Tie-up, BHEL reserves the right to accept or reject any application and to annul the Pre-bid Tie-up process and reject all applications, at any time without any liability or any obligation for such acceptance, rejection or annulment, and without assigning any reasons thereof. In the event that BHEL rejects or annuls all the applications, it may, at its discretion, invite all eligible parties/Supplier/Seller to submit fresh responses.
- 6 BHEL reserves the right to disqualify any Supplier/Seller during or after completion of Pre-Bid Tie-up process, if it is found there was a material misrepresentation by any such Supplier/Seller or the Supplier/Seller fails to provide, within the specified time, supplemental information sought by BHEL.
- 7 BHEL reserves the right to verify all statements, information and documents submitted by the Supplier/Seller in response to this Pre-Bid Tie-up. Any such verification or lack of such verification by BHEL shall not relieve the Supplier/Seller of his obligations or liabilities hereunder nor will it affect any rights of BHEL.
- 8 The Supplier/Seller shall bear all costs associated with the preparation, Technical discussion/ presentation and submission of response/quote. BHEL shall in no case be responsible or liable for these costs regardless of the conduct or outcome of the Pre-bid Tie-up process.
- 9 Canvassing in any form by the Supplier/Seller or by any other agency on their behalf may lead to disqualification of their response/quote.



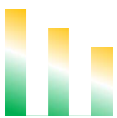
Thanking You.

For and on behalf of BHEL

Amit Kumar
Sr. Manager/ BOP

Enclosures:

- a) Technical PQR & Financial PQR
- b) Annexure-A for PVC
- c) Annexure-B for Conciliation & Arbitration
- d) Annexure-C1, C2 & C3 to NIT for item no. 1, 2 & 3
- e) NDA
- f) Price bid format
- g) MOU Format



BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

SL.NO.	DESCRIPTION
1	TECHNICAL PRE-QUALIFICATION REQUIREMENT CRITICAL / CONTAINMENT ISOLATION DAMPER (CID)
1.1	The Bidder should have manufactured / supplied at least one (1) number of complete Critical / Containment Isolation Dampers (CID) along with pneumatic actuator and accessories, of similar type as per specification for Nuclear Plant.
	OR
1.2	The Bidder should have designed, manufactured, supplied at least one (1) number of Critical / Containment Isolation Dampers (CID) along with pneumatic actuator and accessories, of similar type as per specification in One (1) project, which should have been running satisfactorily for at least one (1) year from the date of commissioning / completion / handover as on date of bid opening.
2.0	Bidder should necessarily meet any one of the pre-qualification requirements mentioned at Sl.no 1.1 or 1.2 for qualifying in this tender.
3.0	The supplier has to submit following supporting documents meeting above mentioned prequalifying requirement: For Route No. 1.1: Copy of related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document / Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.1 above. For Route No. 1.2: Copy of minimum one (1) performance certificate from end user along with related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document/ Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.2 above.
Notes	
A	BHEL reserves the right to seek approved design documents / details from bidders to substantiate technical parameters as specified in clause 1.1 & 1.2 above.
B	Bidder to submit all supporting documents in Hindi and / or English as required. If documents submitted by bidder are in language other than that specified above, a translated copy of the same, in above language(s) shall be submitted by the bidder. In such case, for purposes of interpretation, the translated version shall govern. The translation of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, in case the supporting documents are issued outside India, same shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.
C	In case the PO/ LOI /LOA/ WOs is more than ten (10) years old as on date of bid opening, minimum one (1) no. additional Purchase order (for similar jobs) shall be submitted which should not be more than ten (10) years old as on date of bid opening, for establishing continuity in business.

BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

D	Notwithstanding anything stated above, BHEL/End customer/Owner reserves the right for physical assessment of the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL / End customer/Owner.
E	The bidder shall note that the Pre-Qualification requirements mentioned under S. Nos. 1.1 & 1.2 are the bare minimum requirements. Consideration of the bidder's offer shall be subject to approval of the bidder by the End Customer/Owner. The bidders shall furnish the details specified in Annexure-I along with the necessary supporting documents with their offer for obtaining End Customer/Owners approval.
F	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

SL.NO.	DESCRIPTION
1	TECHNICAL PRE-QUALIFICATION REQUIREMENT FIRE DAMPER (FD)
1.1	The Bidder should have manufactured / supplied at least one (1) number of Fire Dampers along with pneumatic actuator and accessories in Nuclear Plant.
	OR
1.2	The Bidder should have designed, manufactured, supplied at least one (1) number of Fire Dampers along with pneumatic actuator and accessories in one (1) project, which should have been running satisfactorily for at least one (1) year from the date of commissioning/ completion / handover as on date of bid opening.
2.0	Bidder should necessarily meet any one of the pre-qualification requirements mentioned at Sl.no 1.1 or 1.2 for qualifying in this tender.
3.0	The supplier has to submit following supporting documents meeting above mentioned prequalifying requirement: For Route No. 1.1: Copy of related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document/ Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.1 above. For Route No. 1.2: Copy of minimum one (1) performance certificate from end user along with related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document/ Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.2 above.
Notes	
A	BHEL reserves the right to seek approved design documents / details from bidders to substantiate technical parameters as specified in clause 1.1 & 1.2 above.
B	Bidder to submit all supporting documents in Hindi and / or English as required. If documents submitted by bidder are in language other than that specified above, a translated copy of the same, in above language(s) shall be submitted by the bidder. In such case, for purposes of interpretation, the translated version shall govern. The translation of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, in case the supporting documents are issued outside India, same shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.
C	In case the PO/ LOI /LOA/ WOs is more than ten (10) years old as on date of bid opening, minimum one (1) no. additional Purchase order (for similar jobs) shall be submitted which should not be more than ten (10) years old as on date of bid opening, for establishing continuity in business.

BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

D	Notwithstanding anything stated above, BHEL/End customer/Owner reserves the right for physical assessment of the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL / End customer/Owner.
E	The bidder shall note that the Pre-Qualification requirements mentioned under S. Nos. 1.1 & 1.2 are the bare minimum requirements. Consideration of the bidder's offer shall be subject to approval of the bidder by the End Customer/Owner. The bidders shall furnish the details specified in Annexure-I along with the necessary supporting documents with their offer for obtaining End Customer/Owners approval.
F	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

SL.NO.	DESCRIPTION
1	TECHNICAL PRE-QUALIFICATION REQUIREMENT DAMPERS (OTHER THAN CID & FD)

BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

1.1	The Bidder should have manufactured / supplied at least one (1) number of Air Operated Dampers along with pneumatic actuator and accessories in Nuclear Plant.
	OR
1.2	The Bidder should have designed, manufactured, supplied at least one (1) number of Air Operated Dampers along with pneumatic actuator in One project, which should have been running satisfactorily for at least one (1) year from the date of commissioning/ completion / handover as on date of bid opening.
2.0	Bidder should necessarily meet any one of the pre-qualification requirements mentioned at Sl.no 1.1 or 1.2 for qualifying in this tender.
3.0	The supplier has to submit following supporting documents meeting above mentioned prequalifying requirement: For Route No. 1.1: Copy of related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document/ Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.1 above. For Route No. 1.2: Copy of minimum one (1) performance certificate from end user along with related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) along with dispatch document/ Inspection report/MDCC substantiating supply of equipment in support of PQR clause at S. No. 1.2 above.
Notes	
A	BHEL reserves the right to seek approved design documents / details from bidders to substantiate technical parameters as specified in clause 1.1 & 1.2 above.
B	Bidder to submit all supporting documents in Hindi and / or English as required. If documents submitted by bidder are in language other than that specified above, a translated copy of the same, in above language(s) shall be submitted by the bidder. In such case, for purposes of interpretation, the translated version shall govern. The translation of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, in case the supporting documents are issued outside India, same shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.
C	In case the PO/ LOI /LOA/ WOs is more than ten (10) years old as on date of bid opening, minimum one (1) no. additional Purchase order (for similar jobs) shall be submitted which should not be more than ten (10) years old as on date of bid opening, for establishing continuity in business.
D	Notwithstanding anything stated above, BHEL/End customer/Owner reserves the right for physical assessment of the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL / End customer/Owner.

BHEL-PEM-MAUX
PRE-QUALIFICATION CRITERIA

	PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC PACKAGE: DAMPERS FOR NUCLEAR VENTILATION PRE-QUALIFICATION REQUIREMENT (TECHNICAL)	PE-PQ-551-580-03-A001	
		DATE	SEPT - 2026
		REV NO	00

E	The bidder shall note that the Pre-Qualification requirements mentioned under S. Nos. 1.1 & 1.2 are the bare minimum requirements. Consideration of the bidder's offer shall be subject to approval of the bidder by the End Customer/Owner. The bidders shall furnish the details specified in Annexure-I along with the necessary supporting documents with their offer for obtaining End Customer/Owners approval.
F	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

Ref:

CHECKLIST FOR ASSESSMENT OF VENDOR/ SUB VENDOR**(To be Filled and Submitted by the Contractor)**

Contractor Details			
Contractor		W.O. Number & Date	
Package Details			
Item Details		BOQ Details	
Sub vendor Details			
Registered Name of the Sub vendor			
Registered Address of the Sub vendor:			
GST Regn Details		E-mail	
Phone		Web site	
Details of the items/service proposed to be supplied (details shall be submitted in a separate sheet)			
Part-1 General Information			
SI. No.	Description	Observation	
1	General		
1.1	Number of Years in Business		
1.2	Employee Strength (Verify Organization Chart)		
1.3	Key personnel to be contacted		
a)	Senior Management		
b)	Quality Assurance		
c)	Others (Production, Planning, NDT etc.)		
1.4	Details of plants/branches if any (Include name, location, activity etc.)		
1.5	Is the company limited liability, Partnership, sole trader, public Ltd etc.		

	Record details.	
Part-2 General Capability Details		
2.1	Recognition details if any (code stamps like U1, U2 or certification like ISO, BIS etc.)	
2.2	Details of similar jobs executed earlier- <i>(Verify major customers, order details, delivery schedule etc. for the last 3 years and record)</i>	
2.3	Whether the sub vendor has executed NPCIL Jobs earlier. <i>(Verify the order details, delivery schedule etc.)</i>	
2.4	Whether the sub vendor has a documented procedure for contract management process	
2.4.1	Whether the interface mechanism between the sub vendor and the contractor are clearly defined?	
2.4.2	Whether all QA requirements are clearly understood while submitting the offer	
2.4.3	Floor space availability for present activities/ for future expansion	
2.5	Level of House Keeping	
2.6	Calibration/testing facilities and it's accrediting	
Part-3 Quality Management Systems		
3.1	Is the system certified for compliance to ISO 9001? <i>(Check the availability & accessibility of quality system manual)</i>	
3.2	Validity of ISO certification	
3.3	Whether Quality Manual with Quality Control Plan & Procedures are available	
3.4	Whether Internal and External audit programme are in place?	
3.5	Whether non-conformities observed during audits are recorded and disposed of?	

3.6	Whether staff training programme are in place?	
3.7	Availability and effectiveness of controls: Document Control Process Control Non-Conformance Control (verify)	
	QA in Purchase process. System for selecting and qualifying the suppliers	
3.8	Availability of approved suppliers Periodic assessment and monitoring of suppliers Clear definition of quality requirements during procurement (verify)	
3.9	QA in manufacturing process: Incoming Material Inspection Process Inspection Final Inspection Criteria for acceptance and rejection Identification and segregation of rejected items / Non conformances (verify) Use of QA stamps/stickers etc.	
3.10	QA in product storage and handling process: Defined procedure for handling and storage Monitoring and control of items having specific shelf life Monitoring and control of items that pose	

	environmental and health hazards (verify)	
3.11	Availability of <i>documented</i> mechanism for operational feedback, reporting of failures and corrections/upgradations. (verify)	
3.12	Availability of customer feedback and corrective actions procedure. (verify)	
3.13	Availability and maintenance of records: Calibration Records NDE Qualification records Records pertaining to QC, Production etc. Records retention period and media types (verify)	
Part-4 Specific to the item supplied/ Work		
4.1	Understanding of scope of work	
4.2	Availability and understanding of related standards	
4.3	Capacity of the sub vendor for manufacturing and inspection	
4.4	Understanding of special Examination / testing (like Ultrasonic Examination / Helium Leak testing etc.)	
4.5	Availability of special facilities required w.r.t. tender enquiry/ sub enquiry.	
4.6	Availability of trained personnel specific to tender enquiry / sub enquiry	
4.7	Sub-sub vendors	
Part-5 Enclosures		

DOCUMENT NO: QAD/GUIDELINES/VENDOR EVAL/004 REV-0

6.1	Financial capability credentials.	
6.2	Catalogue/Brochure of the Product	
6.3	Documents related to Credentials of the Supplier	
6.4	MTC's & Lab Reports, if any	
Part-6 Any Additional Requirements / Information Any		
1. An undertaking required as per clause numbers 4-1 to 4-4 of procedure is enclosed herewith in Annexure....		
2.		

Submitted by (Sub vendor)	(Signature with name, designation and date)
Assessed by (Contractor Head QA)	(Signature with name, designation and date)



PRE - QUALIFYING REQUIREMENTS

PROJECT: 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)

PACKAGE: CRITICAL / CONTAINMENT ISOLATION DAMPERS

CRITERIA FOR EVALUATION - FINANCIAL :

	Amount (in Rs.)
Average annual financial turnover value during last three Financial Years as on tender due date should not be less than	6,98,00,000

Rs.Six Crore Ninety Eight Lakh only

Notes:-

a) The bidder has to submit Audited Financial accounts comprising of Audit report (if applicable), Balance sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue, for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual Financial turnover shall be calculated based on available information as below: -

i) If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third-party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two-part bid) shall be considered.

e) Bidder who is 50% or above subsidiary of any company including those registered outside India and does not meet any of the above Financial criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the bidder would be required to furnish a letter of support from its holding company, pledging unconditional and irrevocable Financial support for the execution of the contract by the bidder in case of award.

f) In cases where audited results for its last Financial year as on the date of Techno-Commercial bid opening are not available, a certificate would be required from CEO/CFO stating the the Financial results of the Company are under audit as on the date of Techno-Commercial bid opening and are not available.



PRE - QUALIFYING REQUIREMENTS

PROJECT: 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)

PACKAGE: FIRE DAMPERS

CRITERIA FOR EVALUATION - FINANCIAL :

	Amount (in Rs.)
Average annual financial turnover value during last three Financial Years as on tender due date should not be less than	4,65,00,000

Rs.Four Crore Sixty Five Lakh only

Notes:-

a) The bidder has to submit Audited Financial accounts comprising of Audit report (if applicable), Balance sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue, for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual Financial turnover shall be calculated based on available information as below: -

i) If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third-party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two-part bid) shall be considered.

e) Bidder who is 50% or above subsidiary of any company including those registered outside India and does not meet any of the above Financial criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the bidder would be required to furnish a letter of support from its holding company, pledging unconditional and irrevocable Financial support for the execution of the contract by the bidder in case of award.

f) In cases where audited results for its last Financial year as on the date of Techno-Commercial bid opening are not available, a certificate would be required from CEO/CFO stating the the Financial results of the Company are under audit as on the date of Techno-Commercial bid opening and are not available.



PRE - QUALIFYING REQUIREMENTS

PROJECT: 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)

PACKAGE: DAMPERS

CRITERIA FOR EVALUATION - FINANCIAL :

	Amount (in Rs.)
Average annual financial turnover value during last three Financial Years as on tender due date should not be less than	11,64,00,000

Rs.Eleven Crore Sixty Four Lakh only

Notes:-

a) The bidder has to submit Audited Financial accounts comprising of Audit report (if applicable), Balance sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue, for last three years (or from the date of incorporation, whichever is less) as on tender due date to review the above criteria. In case the incorporation of vendor is less than 3 years, average annual Financial turnover shall be calculated based on available information as below: -

i) If the accounts are available for ≤ 1 Financial Year, the Average Annual Turnover shall be calculated based on available information divided by 1 (One).

ii) If the accounts are available for >1 but ≤ 2 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 2 (Two).

iii) If the accounts are available for >2 but ≤ 3 Financial Years, the Average Annual Turnover shall be calculated based on available information divided by 3 (Three).

b) Foreign bidder is to submit a latest report from reputed third-party business rating agency like Dun & Bradstreet, Credit reform etc. in addition to the documents mentioned at point (a) above for review of above criteria.

c) Other income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, turnover figure excluding taxes shall be considered.

d) For evaluation of foreign bidder exchange rate (TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid in case of two-part bid) shall be considered.

e) Bidder who is 50% or above subsidiary of any company including those registered outside India and does not meet any of the above Financial criteria, such bidder may be qualified based on credentials of its holding company provided such holding company meets the above PQR criteria. In such case, the bidder would be required to furnish a letter of support from its holding company, pledging unconditional and irrevocable Financial support for the execution of the contract by the bidder in case of award.

f) In cases where audited results for its last Financial year as on the date of Techno-Commercial bid opening are not available, a certificate would be required from CEO/CFO stating the the Financial results of the Company are under audit as on the date of Techno-Commercial bid opening and are not available.

PRICE ADJUSTMENT FORMULA FOR SUPPLY PORTION FOR DAMPERS FOR NUCLEAR VENTILATION SYSTEM

(1) The price adjustment formula is defined for price components related to Main Supply package.

(2) The amount of price adjustment shall be computed as under:

$$EC = EC1 - EC0$$

EC1 will be computed as follows:

$$EC1 = EC0 \{F + a \times A1 / A0 + b \times B1 / B0 + c \times C1 / C0 + Lb \times L1 / L0\}$$

Where

EC = Adjustment in Ex-Works supply Price.

EC1 = Adjusted Amount of Ex-Works supply Price.

EC0 = Ex-Works supply Price as per LOA/ PO.

(i) 'F' shall be fixed portion of the Ex-Works supply Price and shall be considered as 0.15.

(ii) 'a' shall be co-efficient which shall be considered as 0.30, 'b' shall be co-efficient which shall be considered as 0.24 and 'c' shall be co-efficient which shall be considered as 0.01

(iii) A1 & A0 are as per "MANUFACTURE OF BASIC METALS" as published in RBI Bulletin, Sl. No. (N), Base: 2022-23 = 100.

(iv) B1 & B0 are as per "MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT" as published in RBI Bulletin, Sl. No. (O), Base: 2022-23 = 100.

(v) C1 & C0 are as per "MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS" as published in RBI Bulletin, Sl. No. (L), Base: 2022-23 = 100.

(vi) 'Lb' shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.30

(vii) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100 (Extract of website is pasted below for reference).

(vi) For the indices,

Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month of reckoning the variated price which shall be the month before the month in which dispatch is made.

The latest available indices are to be extrapolated to the above defined month w.r.t the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx?Id=20964

Note:

- 1) The price adjustment i.e. either increase or decrease shall be applicable up to the contractual date of completion of supplies. Contractual delivery/dispatch date would mean the delivery/dispatch date mentioned in the order including amendments in delivery/dispatch date (if any). PVC will not be applicable for the period beyond the contractual delivery/dispatch date where delay is attributable for supplier.
- 2) The price adjustment shall be limited to (+) 30% of Ex-Works Supply Price including commissioning spares. However, there shall be no limit on negative price adjustment.
- 3) No Price Adjustment will be payable if the total amount of Price Adjustment against the Contract sums up to less than 2% (Two percent) of the total Contract Price. However, if the total amount of Price Adjustment against the Contract sums to more than 2% (Two percent) of the total Contract Price, the total Price Adjustment shall be payable to the Contractor.

PRICE ADJUSTMENT FORMULA FOR MANDATORY SPARES PORTION FOR NUCLEAR VENTILATION SYSTEM

- (1) The price adjustment formula is defined for price components related to Mandatory Spares for CAS package.
- (2) The amount of price adjustment shall be computed as under:

$$EC = EC1 - EC0$$

EC1 will be computed as follows:

$$EC1 = EC0 \{F + a \times A1 / A0 + b \times B1 / B0 + c \times C1bco / C0bco + Lb \times L1 / L0\}$$

Where

EC = Adjustment in Ex-Works supply Price.

EC1 = Adjusted Amount of Ex-Works supply Price.

EC0 = Ex-Works supply Price as per LOA/ PO.

(i) 'F' shall be fixed portion of the Ex-Works supply Price and shall be considered as 0.15.

(ii) 'a' shall be co-efficient which shall be considered as 0.30, 'b' shall be co-efficient which shall be considered as 0.24 and 'c' shall be co-efficient which shall be considered as 0.01

(iii) A1 & A0 are as per "MANUFACTURE OF BASIC METALS" as published in RBI Bulletin, Sl. No. (N), Base: 2022-23 = 100.

(iv) B1 & B0 are as per "MANUFACTURE OF FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT" as published in RBI Bulletin, Sl. No. (O), Base: 2022-23 = 100.

(v) C1 & C0 are as per "MANUFACTURE OF RUBBER AND PLASTICS PRODUCTS" as published in RBI Bulletin, Sl. No. (L), Base: 2022-23 = 100.

(vi) 'Lb' shall be co-efficient for labour component in the Ex-Works Component of the supply Price which shall be considered as 0.30

(vii) 'L' shall be consumer price index for industrial workers as published by RBI in RBI Bulletin, S.N. 1, Base year 2016=100 (Extract of website is pasted below for reference).

(vi) For the indices,

Subscript '0' refers to indices of the Base Month which shall be taken as the month before the month of the price bid opening.

Subscript '1' refers to indices of the month of reckoning the variated price which shall be the month before the month in which dispatch is made.

The latest available indices are to be extrapolated to the above defined month w.r.t the base month.

Source link of RBI bulletin: https://rbi.org.in/Scripts/BS_ViewBulletin.aspx?Id=20964

Note:

- 1) The price adjustment i.e. either increase or decrease shall be applicable up to the contractual date of completion of supplies. Contractual delivery/dispatch date would mean the delivery/dispatch date mentioned in the order including amendments in delivery/dispatch date (if any). PVC will not be applicable for the period beyond the contractual delivery/dispatch date where delay is attributable for supplier.
- 2) The price adjustment shall be limited to (+) 30% of Ex-Works Supply Price including commissioning spares. However, there shall be no limit on negative price adjustment.
- 3) No Price Adjustment will be payable if the total amount of Price Adjustment against the Contract sums up to less than 2% (Two percent) of the total Contract Price. However, if the total amount of Price Adjustment against the Contract sums to more than 2% (Two percent) of the total Contract Price, the total Price Adjustment shall be payable to the Contractor.

Annexure- B to NIT

CONCILIATION

Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.com)).

Note: Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding "Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/ Entities/agencies are to encourage mediation under the Mediation Act. 2023. The said Act has not yet been notified by the Government. Therefore, the clause "Settlement of Disputes" shall be modified accordingly as and when the Mediation Act 2023 gets notified.

ARBITRATION

- i. Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to Arbitral Institution i.e. **"India International Arbitration Centre (IIAC) Delhi" for PSNR & PSER / "Mumbai Centre for International Arbitration (MCIA), Mumbai" for PSWR / "Nani Palkhivala Arbitration Centre (NPAC) Chennai" for PSSR** and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.
- ii. A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice shall be addressed to the **Head of the Region, Power Sector/ Unit, BHEL, executing the Contract** and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.
- iii. After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institutions and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd. Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to a specific Arbitral institution for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.
- iv. The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.
- v. The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Delhi for PSNR/ Kolkata for PSER/ Nagpur for PSWR/ Chennai for PSSR.

Annexure- B to NIT

- vi. Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Delhi for PSNR/ Kolkata for PSER/ Nagpur for PSWR/ Chennai for PSSR.
- vii. Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
- viii. The Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
- ix. In case the disputed amount (Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
- x. In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of above clause. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.

ANNEXURE C1 to NIT (Item no. 1 of price bid)
DETAILED BOQ cum PRICE FORMAT for CRITICAL / CONTAINMENT ISOLATION DAMPERS
(only break up in percentage & Freight % to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT:		4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC				
NAME OF PACKAGE:		DAMPERS FOR NUCLEAR VENTILATION SYSTEM (CRITICAL / CONTAINMENT ISOLATION DAMPERS)				
TECHNICAL SPECIFICATION No:		PE-TS-551-580-003-A001		ENQUIRY NO:	77/26/6161/AMI dated 01.10.2026	
BIDDER NAME				FREIGHT %		
S. No.	DESCRIPTION	UNIT	QTY	HSN/SAC CODE	%Age Breakup	Total FOR Price in % for complete scope (Excluding GST) including Freight charges
1	Total lump sum firm price for Supply part, Supervision of erection & commissioning, Mandatory spares and Engineering charges for Critical / Containment Isolation Dampers comprising of design (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site, supervision for erection & commissioning, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site, and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	SET	1		100%	0.0000%
2	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.					
2.1	Total lump sum firm price for Supply part for Critical / Containment Isolation Dampers comprising of manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I)	SET	1		To be quoted in % of sr. no. 1	
2.2	Total lumpsum firm prices for Services part for Critical / Containment Isolation Dampers comprising of Supervision of assembly, Erection & Commissioning, trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-IV)	SET	1		To be quoted in % of sr. no. 1	
2.3	Total lumpsum firm price for Mandatory Spares for Critical / Containment Isolation Dampers comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure- VII)	SET	1		To be quoted in % of sr. no. 1	
2.4a	Total lumpsum firm price for Engineering Charges for Critical / Containment Isolation Dampers comprising of design (i.e Preparation & submission of drawings/documents including " AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 1 & 2.	SET	1		To be quoted in % of sr. no. 1	
2.4b	Total lumpsum firm price for Engineering Charges for Critical / Containment Isolation Dampers comprising of design (i.e Preparation & submission of drawings/documents including " AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 3 & 4.	SET	1		To be quoted in % of sr. no. 1	

ANNEXURE C1 to NIT (Item no. 1 of price bid)
DETAILED BOQ cum PRICE FORMAT for CRITICAL / CONTAINMENT ISOLATION DAMPERS
(only break up in percentage & Freight % to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT:		4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC					
NAME OF PACKAGE:		DAMPERS FOR NUCLEAR VENTILATION SYSTEM (CRITICAL / CONTAINMENT ISOLATION DAMPERS)					
TECHNICAL SPECIFICATION No:		PE-TS-551-580-003-A001			ENQUIRY NO: 77/26/6161/AMI dated 01.10.2026		
BIDDER NAME					FREIGHT %		
S. No.	DESCRIPTION	UNIT	QTY	HSN/SAC CODE	%Age Breakup	Total FOR Price in % for complete scope (Excluding GST) including Freight charges	

Note:

- 1) Complete engineering of the package for MBRAP- 1 & 2 and MBRAP 3 & 4 is in the scope of bidder as per the tender requirement. Bidder to quote the prices corresponding to Engineering charges under S. No. 2.4a, 2.4b for MBRAP- 1 & 2 and MBRAP 3 & 4. 2) However, for the payment purpose bidder to note that 50% of price (as per sl. no. 2.4a, 2.4b) shall be made against basic engineering (i.e. Preparation, submission & approval of basic drawing/ documents i.e. GA Drawing, Technical Datasheets, Coil Selection drawing etc.) on pro rata basis and the remaining payment shall be made against the detail engineering part (comprising the detailed fabrication / erection drawing etc.) on pro-rata basis. Basic and Detail Engineering documents shall be identified during detail engineering after order placement.
- 3.) BHEL reserves the right to place the final Purchase Order for both MBRAP-1 & 2 and MBRAP-3 & 4, or for either one of the stages/packages, i.e. MBRAP-1 & 2 or MBRAP-3 & 4, at its sole discretion. In the event of placement of the Purchase Order for only one stage/package, the Bidder shall have no claim whatsoever for any additional cost, compensation, loss of profit or any other financial implication arising out of such deletion/reduction of scope.
- 4) Total Engineering Charges at S. No. 2.4a & 2.4b for for MBRAP- 1 & 2 and MBRAP 3 & 4 shall not be more than 5% of the Total Contract Value (including Main Supply, Services, Mandatory Spares, etc.) excluding freight & GST for that item, failing which the break-up of prices shall be adjusted accordingly for ordering.**

ANNEXURE I: PRICE BREAKUP FOR SUPPLY PART FOR CRITICAL/CONTAINMENT ISOLATION DAMPERS (only break up in percentage to be mentioned this sheet, fill yellow cell only)																
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC																
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION																
TECHNICAL SPECIFICATION: PE-TS-551-580-003-A001																
Sr No	Tag Nos.	Equipment Type Location	DESCRIPTION	Data Sheet No.	NPCL SPEC. NO.	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of Total of Main Supply Portion	Total FOR Price in % (Excluding GST) including Freight charges
						(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
1.1.0	Containment Isolation Damper Air Operated with Limit switch, pneumatic circuit, Accumulator tank, SS tubing, painting, seismic qualification and environmental qualification, companion flanges, nut, bolts, gaskets etc.															
1.1.1	Fail safe Close	Butterfly Type Containment Isolation Damper Air Operated	Dia 250	700MWe/73003/2015/DSS	PC-E-729		Nos.	4	3	4	3	0	0	14	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.1.2	Fail safe close	3-Lever Type Containment Isolation Damper	Dia 600	700MWe/73003/5001/DSS	PC-E-729		Nos.	17	17	17	17	0	0	68		
1.1.3	Fail safe Open	Butterfly Type Containment Isolation Damper Air Operated	Dia 300	700MWe/73003/5002/DSS	PC-E-729		Nos.	6	6	6	6	0	0	24		
1.1.4	Fail safe Open	Butterfly Type Containment Isolation Damper Air Operated	Dia 250	700MWe/73003/5003/DSS	PC-E-729		Nos.	3	2	3	2	0	0	10		
1.1.5	Fail safe Close	3-Lever Type Containment Isolation Damper Air Operated(Refer PC-E-729 for differential pressure across the disk opening)	Dia. 400	700MWe/73003/2011/DSS	PC-E-729		Nos.	1	1	1	1	0	0	4		
1.1.6	Fail safe close	Butterfly Type Containment Isolation Damper Air Operated	Dia. 200	700MWe/73003/2014/DSS	PC-E-729		Nos.	2	1	2	1	0	0	6		
1.1.7	Fail safe Open	3-Lever Type Containment Isolation Damper Air Operated	Dia. 400	700MWe/73003/2012/DSS	PC-E-729		Nos.	4	3	4	3	0	0	14		
1.1.8	Fail safe Close	3-Lever Type Containment Isolation Damper Air Operated	Dia. 400	700MWe/73003/2011/DSS	PC-E-729		Nos.	8	8	8	8	0	0	32		
1.1.9	Fail safe close	Butterfly Type Containment Isolation Damper Air Operated	Dia. 100	700MWe/73003/2013/DSS	PC-E-729		Nos.	2	1	2	1	0	0	6		
2	TOTAL OF MAIN SUPPLY PORTION														100%	0.0000%
Notes																
1	It is mandatory to quote in all the fields/price components. Wherever a particular field/price component is not applicable, it should be quoted as ZERO (0) in Numeric. However, the bidder is required to supply/perform the item/activity at free of cost if all the fields/price components are quoted as ZERO (0) against any SI No															
2	The price of the equipment / items shall also include the price of Special Tools and Tackles. The requirement of Special Tools and Tackles is to meet the erection, commissioning and subsequent maintenance of all equipment in the scope of the tender. Accordingly, it is required to include the price of Special Tools and Tackles in the corresponding equipment / items price and supply the same.															
3	Vendor to consider the cost of all accessories as mentioned above while quoting.															
4	Dampers with same data sheet Nos but with different system design pressure rating should be designed to highest system rating.															
5	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.															
6	Unless otherwise separately identified in the price schedule of respective module/sub-module, charges of all Special Type Tests, Seismic Qualification/ Testing as per the technical specification / Data Sheets/Drawings for individual items shall also be included in the quoted price of the items. Testing/qualification charges shall be paid extra only if the same is separately identified in the price schedule.															
7	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.															

(only break up in percentage to be mentioned this sheet, fill yellow cell only)

Note:

1. No. of days at site defined at S.N. 1.2 above shall be calculated on the basis of presence at site (travel time is excluded).
2. No. of Visits and days for supervision of Erection & Commissioning may vary depending on site requirement. Any variation in no. of visits & no. of days shall be exercised based on unit rate arrived from S.N.1.1 & 1.2 above respectively.
3. Training needs for customer personnel described in the various technical specifications shall be binding on the bidder. All the expenses towards training programmes held shall be borne by the contractor. However, travelling expenses, boarding and lodging for customer personnel imparted training shall be borne by customer.
4. Supervision of E&C charges (total of Sr. no. 1.1 & 1.2) should not exceed 2% of the total contract value, failing which the quoted amount shall be adjusted to 2% of the total contract value by BHEL at the time of evaluation and ordering.

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	(J)	K=(I*J)
LIST OF MANDATORY SPARES															
1	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/2011/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
2	Limit switches	Containment Isolation Dampers	700MWe/73003/2011/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
3	Pressure switch	Containment Isolation Dampers	700MWe/73003/2011/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
4	Non return valves	Containment Isolation Dampers	700MWe/73003/2011/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
5	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
6	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
7	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/2011/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
8	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
9	'O' rings for Damper	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
10	Fasteners for Damper	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
11	Keys for Damper	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
12	Bearing for Dampers	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
13	Seals for Actuator	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
14	Bearing for Actuator	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
15	Fastener for Actuator	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
16	Keys for Actuator	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
17	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
18	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/2011/DSS	400NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
19	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/2012/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	(J)	K=(I*J)
20	Limit switches	Containment Isolation Dampers	700MWe/73003/2012/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
21	Pressure switch	Containment Isolation Dampers	700MWe/73003/2012/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
22	Non return valves	Containment Isolation Dampers	700MWe/73003/2012/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
23	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
24	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
25	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/2012/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
26	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
27	'O' rings for Damper	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
28	Fasteners for Damper	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
29	Keys for Damper	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
30	Bearing for Dampers	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
31	Seals for Actuator	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
32	Bearing for Actuator	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
33	Fastener for Actuator	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
34	Keys for Actuator	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
35	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
36	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/2012/DSS	400NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
37	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/2013/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
38	Limit switches	Containment Isolation Dampers	700MWe/73003/2013/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
39	Pressure switch	Containment Isolation Dampers	700MWe/73003/2013/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	(J)	K=(I*J)
40	Non return valves	Containment Isolation Dampers	700MWe/73003/2013/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
41	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
42	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
43	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/2013/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
44	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
45	'O' rings for Damper	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
46	Fasteners for Damper	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
47	Keys for Damper	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
48	Bearing for Dampers	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
49	Seals for Actuator	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
50	Bearing for Actuator	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
51	Fastener for Actuator	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
52	Keys for Actuator	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
53	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
54	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/2013/DSS	100NB Fail Safe Close		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
55	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/2014/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
56	Limit switches	Containment Isolation Dampers	700MWe/73003/2014/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
57	Pressure switch	Containment Isolation Dampers	700MWe/73003/2014/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
58	Non return valves	Containment Isolation Dampers	700MWe/73003/2014/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
59	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
60	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	(J)	K=(I*J)
61	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/2014/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
62	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
63	'O' rings for Damper	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
64	Fasteners for Damper	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
65	Keys for Damper	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
66	Bearing for Dampers	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
67	Seals for Actuator	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
68	Bearing for Actuator	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
69	Fastener for Actuator	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
70	Keys for Actuator	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
71	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
72	O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/2014/DSS	200NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
73	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/2015/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
74	Limit switches	Containment Isolation Dampers	700MWe/73003/2015/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
75	Pressure switch	Containment Isolation Dampers	700MWe/73003/2015/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
76	Non return valves	Containment Isolation Dampers	700MWe/73003/2015/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
77	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
78	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
79	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/2015/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
80	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	J)	K=(I*J)
81	'O' rings for Damper	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
82	Fasteners for Damper	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
83	Keys for Damper	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
84	Bearing for Dampers	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
85	Seals for Actuator	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
86	Bearing for Actuator	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
87	Fastener for Actuator	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
88	Keys for Actuator	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
89	Spring for Actuators	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
90	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWc/73003/2015/DSS	250NB Fail Safe Close		Sets	0	0	0	0	2	2	4		
91	Solenoid of Valves	Containment Isolation Dampers	700MWc/73003/5001/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
92	Limit switches	Containment Isolation Dampers	700MWc/73003/5001/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
93	Pressure switch	Containment Isolation Dampers	700MWc/73003/5001/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
94	Non return valves	Containment Isolation Dampers	700MWc/73003/5001/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
95	Quick exhaust valves	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
96	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
97	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWc/73003/5001/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
98	Damper Body Seals	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
99	'O' rings for Damper	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
100	Fasteners for Damper	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
101	Keys for Damper	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
102	Bearing for Dampers	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	J)	K=(I*J)
103	Seals for Actuator	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
104	Bearing for Actuator	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
105	Fastener for Actuator	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
106	Keys for Actuator	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
107	Spring for Actuators	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
108	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWc/73003/5001/DSS	600 NB Fail Safe Close		Sets	0	0	0	0	4	4	8		
109	Solenoid of Valves	Containment Isolation Dampers	700MWc/73003/5002/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
110	Limit switches	Containment Isolation Dampers	700MWc/73003/5002/DSS GHAVP-1&2/60425/2002/ISS (Refer Note 4) PC-E-729	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
111	Pressure switch	Containment Isolation Dampers	700MWc/73003/5002/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
112	Non return valves	Containment Isolation Dampers	700MWc/73003/5002/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
113	Quick exhaust valves	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
114	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
115	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWc/73003/5003/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
116	Damper Body Seals	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
117	'O' rings for Damper	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
118	Fasteners for Damper	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
119	Keys for Damper	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
120	Bearing for Dampers	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
121	Seals for Actuator	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
122	Bearing for Actuator	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
123	Fastener for Actuator	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
124	Keys for Actuator	Containment Isolation Dampers	700MWc/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART (only break up in percentage to be mentioned this sheet, fill yellow cell only)															
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC															
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM															
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001															
Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	(J)	K=(I*J)
125	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
126	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/5002/DSS	300 NB Fail safe Open		Sets	0	0	0	0	4	4	8		
127	Solenoid of Valves	Containment Isolation Dampers	700MWe/73003/5003/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
128	Limit switches	Containment Isolation Dampers	700MWe/73003/5003/DSS GHAVP-1&2/60462/2002/ISS (Refer Note 4) PC-E-729	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
129	Pressure switch	Containment Isolation Dampers	700MWe/73003/5003/DSS GHAVP-1&2/60421/2003/ISS (Refer Note 4) PC-E-729 PC-E-607	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
130	Non return valves	Containment Isolation Dampers	700MWe/73003/5003/DSS GHAVP-1&2/60461/2002/ISS (Refer Note 4) PC-E-729	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
131	Quick exhaust valves	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
132	Interconnecting tubing and Fittings	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
133	Filter cum Pressure Regulator	Containment Isolation Dampers	700MWe/73003/5003/DSS GHAVP-1&2/60465/2002/ISS (Refer Note 4) PC-E-729 PC-E-263	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
134	Damper Body Seals	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
135	'O' rings for Damper	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
136	Fasteners for Damper	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
137	Keys for Damper	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
138	Bearing for Dampers	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
139	Seals for Actuator	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
140	Bearing for Actuator	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
141	Fastener for Actuator	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
142	Keys for Actuator	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
143	Spring for Actuators	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4	To be quoted in % of sr.no. 148 (TOTAL OF MANDATORY SPARES SUPPLY PORTION)	
144	'O' rings for Pneumatic Accessories	Containment Isolation Dampers	700MWe/73003/5003/DSS	250 NB Fail Safe Open		Sets	0	0	0	0	2	2	4		
145	Pressure Regulating Valves (PRVs) for CIDs along with Charges for DBE1 testing	Containment Isolation Dampers	GHAVP-1&2/ 60465/2002/ISS (Refer Note 4) PC-E-263	-		Sets	0	0	0	0	1	1	2		

ANNEXUREVII: PRICE BREAKUP FOR MANDATORY SPARE PART
(only break up in percentage to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT: 4X700 MW _e ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC	
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NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION SYSTEM

TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001

Sr No	DESCRIPTION	EQUIPMENTS	Equipment Data Sheet No.	EQUIPMENT TAG NUMBER	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of TOTAL OF MANDATORY SPARES SUPPLY PORTION	Total FOR Price in % (Excluding GST) including Freight charges
					(B)	(C)	(D)	(E)	(F)	(G)	(F)	(H)	(I)	J	K=(I*J)
146	Solenoid Valves (SVs) for CIDs with Charges for DBE1 testing	Containment Isolation Dampers	GHAVP-1&2/ 60462/2002/ISS (Refer Note 4) PC-E-262	-		Sets	0	0	0	0	1	1	2		
147	Limit Switch (L/S) for CIDs inclusive of Charges for for DBE1 testing	Containment Isolation Dampers	GHAVP-1&2/ 60425/2002/ISS (Refer Note 4) PC-E-607	-		Sets	0	0	0	0	1	1	2		

148	TOTAL OF MANDATORY SPARES SUPPLY PORTION	100%	0.0000%
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NOTES

1	It is mandatory to quote in all the fields/price components. Wherever a particular field/price component is not applicable, it should be quoted as ZERO (0) in Numeric. However, the bidder is required to supply/perform the item/activity at free of cost if all the fields/price components are quoted as ZERO (0) against any SI. No
2	The price of the equipment / items shall also include the price of Special Tools and Tackles. The requirement of Special Tools and Tackles is to meet the erection, commissioning and subsequent maintenance of all equipment in the scope of the tender. Accordingly, it is required to include the price of Special Tools and Tackles in the corresponding equipment / items price and supply the same.
3	GHAVP-1&2 ISS for accessories for Containment Isolation dampers are also applicable to MBRAPP-1,2,3 &4.
4	Wherever set is mentioned, one set of the spares of that item shall be for complete replacement of that particular item for one equipment.
5	Any fraction of a item shall mean the next higher integer.
6	Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case the quantity so calculated happens to be fraction, the same shall be rounded off to next higher whole number.
7	Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc., these shall cover all the items supplied and installed and the breakup for these shall be furnished in the bid.
8	In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.

ANNEXURE C2 to NIT (Item no. 2 of Price bid)
DETAILED BOQ cum PRICE FORMAT for FIRE DAMPERS
(only break up in percentage & Freight % to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT:		4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC				
NAME OF PACKAGE:		DAMPERS FOR NUCLEAR VENTILATION SYSTEM (FIRE DAMPERS)				
TECHNICAL SPECIFICATION No:		PE-TS-551-580-003-A001	ENQUIRY NO:	77/26/6161/AMI dated 01.10.2026		
BIDDER NAME			FREIGHT %			
S. No.	DESCRIPTION	UNIT	QTY	HSN/ SAC CODE	%Age Breakup	Total FOR Price in % for complete scope (Excluding GST) including Freight charges
1	Total lump sum firm price for Supply part, Supervision of erection & commissioning and Engineering Charges for Fire Dampers comprising of design (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site , supervision for erection & commissioning, trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site, and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	SET	1		100%	0.0000%
2	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.					
2.1	Total lump sum firm price for Supply part for Fire Dampers comprising of manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-II)	SET	1		To be quoted in % of sr. no. 1	
2.2	Total lumpsum firm prices for Services part for Fire Dampers comprising of Supervision of assembly, Erection & Commissioning, trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site, and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-V)	SET	1		To be quoted in % of sr. no. 1	
2.3a	Total lumpsum firm price for Engineering Charges for Fire Dampers comprising of design (i.e Preparation & submission of drawings/documents including " AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 1 & 2.	SET	1		To be quoted in % of sr. no. 1	
2.3b	Total lumpsum firm price for Engineering Charges for Fire Dampers comprising of design (i.e Preparation & submission of drawings/documents including " AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 3 & 4.	SET	1		To be quoted in % of sr. no. 1	

Note:

- Complete engineering of the package for MBRAPP- 1 & 2 and MBRAPP 3 & 4 is in the scope of bidder as per the tender requirement. Bidder to quote the prices corresponding to Engineering charges under S. No. 2.3a, 2.3b for MBRAPP- 1 & 2 and MBRAPP 3 & 4.
- However, for the payment purpose bidder to note that 50% of price (as per sl. no. 2.3a, 2.3b) shall be made against basic engineering (i.e. Preparation, submission & approval of basic drawing/ documents i.e. GA Drawing, Technical Datasheets, Coil Selection drawing etc.) on pro rata basis and the remaining payment shall be made against the detail engineering part (comprising the detailed fabrication / erection drawing etc.) on pro-rata basis. Basic and Detail Engineering documents shall be identified during detail engineering after order placement.
- BHEL reserves the right to place the final Purchase Order for both MBRAPP-1 & 2 and MBRAPP-3 & 4, or for either one of the stages/packages, i.e. MBRAPP-1 & 2 or MBRAPP-3 & 4, at its sole discretion. In the event of placement of the Purchase Order for only one stage/package, the Bidder shall have no claim whatsoever for any additional cost, compensation, loss of profit or any other financial implication arising out of such deletion/reduction of scope.
- Total Engineering Charges at S. No. 2.3a & 2.3b for for MBRAPP- 1 & 2 and MBRAPP 3 & 4 shall not be more than 5% of the Total Contract Value (including Main Supply, Services, Mandatory Spares, etc.) excluding freight & GST for that item, failing which the break-up of prices shall be adjusted accordingly for ordering.**

ANNEXURE II: PRICE BREAKUP FOR SUPPLY PART FOR FIRE DAMPERS (only break up in percentage to be mentioned this sheet, fill yellow cell only)																
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC																
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION																
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001																
Sr No	Tag Nos.	Equipment Type Location	DESCRIPTION	Data Sheet No.	NPCL SPEC. NO.	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of Total of Main Supply Portion	Total FOR Price in % (Excluding GST) including Freight charges
1.3.0	Blade Type Fire Isolation Damper Air Operated with companion flanges ,nuts, bolts, gaskets, actuators ,limit switches & qualifications as per spec															
1.3.1	Blade Type Fire Isolation Damper Air Operated with companion flanges ,nuts, bolts, gaskets, actuators ,limit switches & qualifications as per spec		Different sizes as per P&ID	700MWe/73003/5008/DSS	PC-E-755		Sq.M (Refer Note 4 & 5)	200	200	200	200	30	30	860	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.4.0	Blade Type Fire Isolation Damper Fusible Link with companion flanges ,nuts ,bolts, gaskets and qualifications as per spec.															
1.4.1	Blade Type Fire Isolation Damper Fusible Link with companion flanges ,nuts ,bolts, gaskets and qualifications as per spec.		Different sizes as per P&ID	700MWe/73003/5010/DSS	PC-E-755		Sq.M (Refer Note 4 & 5)	85	85	85	85	5	5	350	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
2	TOTAL OF MAIN SUPPLY PORTION														100%	0.0000%
Notes																
1	It is mandatory to quote in all the fields/price components. Wherever a particular field/price component is not applicable, it should be quoted as ZERO (0) in Numeric. However, the bidder is required to supply/perform the item/activity at free of cost if all the fields/price components are quoted as ZERO (0) against any SI. No															
2	The price of the equipment / items shall also include the price of Special Tools and Tackles. The requirement of Special Tools and Tackles is to meet the erection, commissioning and subsequent maintenance of all equipment in the scope of the tender. Accordingly, it is required to include the price of Special Tools and Tackles in the corresponding equipment / items price and supply the same.															
3	For details of tentative sizes of various types of dampers which are mentioned in Sq.M (UOM) refer P&IDs and Technical Specifications.															
4	Damper area is on the basis of Cross-sectional area i.e. width(W) X height(H).															
5	Vendor to consider the cost of all accessories as mentioned above while quoting.															
6	Dampers with same data sheet Nos but with different system design pressure rating should be designed to highest system rating.															
7	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.															
8	Unless otherwise separately identified in the price schedule of respective module/sub-module, charges of all Special Type Tests, Seismic Qualification/ Testing as per the technical specification / Data Sheets/Drawings for individual items shall also be included in the quoted price of the items. Testing/qualification charges shall be paid extra only if the same is separately identified in the price schedule.															
9	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.															

ANNEXURE V: PRICE BREAKUP FOR SERVICE PART FOR FIRE DAMPERS
(only break up in percentage to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT:	4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC
NAME OF PACKAGE:	DAMPERS FOR NUCLEAR VENTILATION SYSTEM
TECHNICAL SPECIFICATION No:	PE-TS-551-580-003-A001

S. No.	DESCRIPTION	Quantity for Unit-1 & Unit -2	Quantity for Unit-3 & Unit -4	Total Quantity	UNIT	Unit Price excluding GST	%AGE break up of Total of Service Portion	Total Price in % excluding GST
1.1	Total lump sum prices for visits (should include travel expenses to/ fro site, visa/ insurance (if applicable), intermediary stay) for Supervision of assembly, erection and commissioning for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	6	6	12	Nos.		To be quoted in % of sr. no. 2 (TOTAL OF SERVICE PORTION)	
1.2	Total lump sum prices for Supervision of assembly, erection and commissioning (in days) for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	36	36	72	Days			
1.3	Total Lump sump price including site visit charges, all transportation charges, boarding, lodging & other related expenses for trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	1	1	2	LOT			
1.4	Total Lump sump price including site visit charges, all transportation charges, boarding, lodging & other related expenses for training of customer/client O&M staff at site for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	1	1	2	LOT			
2	TOTAL OF SERVICE PORTION (1.1. to 1.4)						100%	0.0000%

Note:

- No. of days at site defined at S.N. 1.2 above shall be calculated on the basis of presence at site (travel time is excluded).
- No. of Visits and days for supervision of Erection & Commissioning may vary depending on site requirement. Any variation in no. of visits & no. of days shall be exercised based on unit rate arrived from S.N.1.1 & 1.2 above respectively.
- Training needs for customer personnel described in the various technical specifications shall be binding on the bidder. All the expenses towards training programmes held shall be borne by the contractor. However, travelling expenses, boarding and lodging for customer personnel imparted training shall be borne by customer.
- Supervision of E&C charges (total of Sr. no. 1.1 & 1.2) should not exceed 2% of the total contract value, failing which the quoted amount shall be adjusted to 2% of the total contract value by BHEL at the time of evaluation and ordering.**

ANNEXURE C3 to NIT (Item no. 3 of price bid)
DETAILED BOQ cum PRICE FORMAT: MAIN SHEET for DAMPERS
(only break up in percentage & Freight % to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT:		4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC				
NAME OF PACKAGE:		DAMPERS FOR NUCLEAR VENTILATION SYSTEM				
TECHNICAL SPECIFICATION No:		PE-TS-551-580-003-A001	ENQUIRY NO:	77/26/6161/AMI dated 01.10.2026		
BIDDER NAME			FREIGHT %			
S. No.	DESCRIPTION	UNIT	QTY	HSN/SAC CODE	%Age Breakup	Total FOR Price in % for complete scope (Excluding GST) including Freight charges
1	Total lump sum firm price for Supply part, Supervision of erection & commissioning and Engineering Charges for Dampers comprising of design (i.e. Preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site , supervision for erection & commissioning, trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site, and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	SET	1		100%	0.0000%
2	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.					
2.1	Total lump sum firm price for Supply part for Dampers comprising of manufacture, fabrication, assembly, supply / procurement, inspection and testing at vendor's / sub vendor's / manufacturer's works, obtaining necessary statutory clearances, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables (as applicable), mandatory spares along with spares for erection, start-up and commissioning as required, forwarding, proper packing and shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-III)	SET	1		To be quoted in % of sr. no. 1	
2.2	Total lumpsum firm prices for Services part for Dampers comprising of Supervision of assembly, Erection & Commissioning , trial run at site and carrying out Performance guarantee/ Functional / Demonstration tests at site (as applicable), training of customer/client O&M staff at site and handover in flawless condition of the package to the end customer complete with all accessories, for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-VI)	SET	1		To be quoted in % of sr. no. 1	
2.3a	Total lumpsum firm price for Engineering Charges for Dampers comprising of design (i.e Preparation & submission of drawings/documents including "AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 1 & 2.	SET	1		To be quoted in % of sr. no. 1	
2.3b	Total lumpsum firm price for Engineering Charges for Dampers comprising of design (i.e Preparation & submission of drawings/documents including "AS-BUILT" drawings and O&M Manuals and engineering as per tender technical specification above, amendments & agreements till placement of order for MBRAPP- 3 & 4.	SET	1		To be quoted in % of sr. no. 1	

Note:

- 1) Complete engineering of the package for MBRAPP- 1 & 2 and MBRAPP 3 & 4 is in the scope of bidder as per the tender requirement. Bidder to quote the prices corresponding to Engineering charges under S. No. 2.3a, 2.3b for MBRAPP- 1 & 2 and MBRAPP 3 & 4. 2) However, for the payment purpose bidder to note that 50% of price (as per sl. no. 2.3a, 2.3b) shall be made against basic engineering (i.e. Preparation, submission & approval of basic drawing/ documents i.e. GA Drawing, Technical Datasheets, Coil Selection drawing etc.) on pro rata basis and the remaining payment shall be made against the detail engineering part (comprising the detailed fabrication / erection drawing etc.) on pro-rata basis. Basic and Detail Engineering documents shall be identified during detail engineering after order placement.
- 3.) BHEL reserves the right to place the final Purchase Order for both MBRAPP-1 & 2 and MBRAPP-3 & 4, or for either one of the stages/packages, i.e. MBRAPP-1 & 2 or MBRAPP-3 & 4, at its sole discretion. In the event of placement of the Purchase Order for only one stage/package, the Bidder shall have no claim whatsoever for any additional cost, compensation, loss of profit or any other financial implication arising out of such deletion/reduction of scope.
- 4) Total Engineering Charges at S. No. 2.3a & 2.3b for for MBRAPP- 1 & 2 and MBRAPP 3 & 4 shall not be more than 5% of the Total Contract Value (including Main Supply, Services, Mandatory Spares, etc.) excluding freight & GST for that item, failing which the break-up of prices shall be adjusted accordingly for ordering.**

ANNEXURE III: PRICE BREAKUP FOR SUPPLY PART FOR DAMPERS (only break up in percentage to be mentioned this sheet, fill yellow cell only)																
NAME OF PROJECT: 4X700 MW _e ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC																
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION																
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001																
Sr No	Tag Nos.	Equipment Type Location	DESCRIPTION	Data Sheet No.	NPCL SPEC. NO.	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of Total of Main Supply Portion	Total FOR Price in % (Excluding GST) including Freight charges
						(B)	(C)	(D)	(E)			(F)		(G)	(H)	(I)
1.2.0	Blade Type Backdraft Dampers Manual with companion flanges , nuts,bolts, gasket & qualification as per spec. requirement.															
1.2.1	Blade Type Backdraft Dampers Manual with companion flanges , nuts ,bolts ,gaskets & qualifications as per spec.		Different sizes as per P&ID	700MW _e /73003/5011/DSS	PC-E-756		Sq.M (Refer Note 4 & 5)	145	145	145	145	20	20	620	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.2.2	Gravity operated	Blade Type Backdraft Dampers	Dia 600	700MW _e /73003/2016/DSS	PC-E-756		Nos.	11	11	11	11	0	0	44		
1.2.3	Gravity operated	Blade Type Backdraft Damper	Dia 400	700MW _e /73003/5017/DSS	PC-E-756		Nos.	3	2	3	2	0	0	10		
1.2.4	Gravity operated	Blade Type Backdraft Damper	Dia 300	700MW _e /73003/2025/DSS	PC-E-756		Nos.	3	2	3	2	0	0	10		
1.2.5	Gravity operated	Blade Type Backdraft Dampers	Dia 1100	700MW _e /73003/2016/DSS	PC-E-756		Nos.	20	20	20	20	0	0	80		
1.2.6	Gravity operated	Blade Type Backdraft Dampers	Dia 800	700MW _e /73003/2016/DSS	PC-E-756		Nos.	16	16	16	16	4	4	72		
1.2.7	Gravity operated	Blade Type Backdraft Dampers	Dia 800	700MW _e /73003/2020/DSS	PC-E-756		Nos.	4	4	4	4	2	2	20		
1.2.8	Gravity operated	Blade Type Backdraft Dampers	Dia 800	700MW _e /73003/2025/DSS	PC-E-756		Nos.	16	16	16	16	0	0	64		
1.5.0	Blade Type Flow Balancing Damper Manual with companion flanges , nuts ,bolts ,gaskets & qualifications as per spec.															
1.5.1	Blade Type Flow Balancing Damper Manual with companion flanges , nuts ,bolts ,gaskets & qualifications as per spec.		Different sizes as per PIS	700MW _e /73003/5016/DS	PC-E-756		Sq.M (Refer Note 4 & 5)	455	295	455	295	80	80	1660	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.6.0	Blade Type Isolation Damper Air Operated with companion flanges , nuts,bolts ,gasksts, actuators ,limit switches & qualification as per spec.															
1.6.1	Blade Type Isolation Damper Air Operated with companion flanges , nuts,bolts ,gasksts, actuators ,limit switches & qualification as per spec.		Different sizes as per P&ID	700MW _e /73003/5007/DSS 700MW _e /73003/5018/DSS	PC-E-756		Sq.M (Refer Note 4 & 5)	80	80	80	80	90	90	500	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.7.0	Blade Type Isolation Damper Manual with companion flanges , nuts ,bolts ,gasket etc & qualification as per spec.															
1.7.1	Blade Type Isolation Damper Manual with companion flanges , nuts ,bolts ,gasket etc & qualification as per spec.		Different sizes as per P&ID	700MW _e /73003/5019/DSS 700MW _e /73003/5014/DSS	PC-E-756		Sq.M (Refer Note 4 & 5)	28	27	28	27	60	60	230	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.8.0	Butterfly Type Isolation Damper Air Operated with companion flanges , nuts ,bolts ,gaskets ,actuators ,limit switches & qualification as per tech spec.															
1.8.1	Butterfly Type Isolation Damper Air Operated		Dia 1000	700MW _e /73003/5004/DSS	PC-E-756		Nos.	2	2	2	2	0	0	8	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.8.2	Butterfly Type Isolation Damper Air Operated		Dia 1000	700MW _e /73003/5005/DSS	PC-E-756		Nos.	1	1	1	1	0	0	4		
1.8.3	Butterfly Type Isolation Damper Air Operated		Dia 500	700MW _e /73003/5005/DSS	PC-E-756		Nos.	1	1	1	1	0	0	4		
1.8.4	Butterfly Type Isolation Damper Air Operated		Dia 400	700MW _e /73003/5004/DSS	PC-E-756		Nos.	5	5	5	5	0	0	20		
1.8.5	Butterfly Type Isolation Damper Air Operated		Dia 400	700MW _e /73003/2018/DSS	PC-E-756		Nos.	3	3	3	3	0	0	12		
1.8.6	Butterfly Type Isolation Damper Air Operated		Dia 400	700MW _e /73003/5005/DSS	PC-E-756		Nos.	5	5	5	5	0	0	20		

ANNEXURE III: PRICE BREAKUP FOR SUPPLY PART FOR DAMPERS (only break up in percentage to be mentioned this sheet, fill yellow cell only)																
NAME OF PROJECT: 4X700 MWe ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC																
NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION																
TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001																
Sr No	Tag Nos.	Equipment Type Location	DESCRIPTION	Data Sheet No.	NPCL SPEC. NO.	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of Total of Main Supply Portion	Total FOR Price in % (Excluding GST) including Freight charges
1.8.7	Butterfly Type Isolation Damper Air Operated		Dia 300	700MWe/73003/5005/DSS	PC-E-756		Nos.	10	10	10	10	0	0	40	2 (TOTAL OF MAIN SUPPLY PORTION)	
1.8.8	Butterfly Type Isolation Damper Air Operated		Dia 200	700MWe/73003/5004/DSS	PC-E-756		Nos.	3	3	3	3	0	0	12		
1.8.9	Butterfly Type Isolation Damper Air Operated		Dia 150	700MWe/73003/2018/DSS	PC-E-756		Nos.	4	4	4	4	0	0	16		
1.8.10	Butterfly Type Isolation Damper Air Operated		Dia 200	700MWe/73003/2018/DSS	PC-E-756		Nos.	1	1	1	1	0	0	4		
1.8.11	Butterfly Type Isolation Damper Air Operated		Dia. 400	700MWe/73003/5006/DSS	PC-E-756		Nos.	7	7	7	7	0	0	28		
1.8.12	Butterfly Type Isolation Damper Air Operated		Dia 600	700MWe/73003/5004/DSS	PC-E-756		Nos.	2	2	2	2	0	0	8		
1.9.0	Butterfly Type Isolation Damper Manual with companion flanges , nuts, bolts, ,gaskets & qualification as per tech. spec.															
1.9.1	Single Bladed Butterfly Type Isolation Damper Manual		Dia. 300	700MWe/73003/5013/DSS	PC-E-756		Nos.	2	2	2	2	2	2	12	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.9.2	Butterfly Type Isolation Damper Manual		Dia 1000	700MWe/73003/5013/DSS	PC-E-756		Nos.	6	6	6	6	0	0	24		
1.9.3	Butterfly Type Isolation Damper Manual		Dia. 400	700MWe/73003/5012/DSS	PC-E-756		Nos.	9	9	9	9	0	0	36		
1.9.4	Butterfly Type Isolation Damper Manual		Dia 600	700MWe/73003/5013/DSS	PC-E-756		Nos.	2	2	2	2	0	0	8		
1.9.5	Butterfly Type Isolation Damper Manual		Dia 300	700MWe/73003/5012/DSS	PC-E-756		Nos.	6	6	6	6	0	0	24		
1.10.0	Butterfly Type Flow Balancing Damper Manual with companion flanges , nuts, bolts, ,gaskets & qualification as per tech. spec.															
1.10.1	Butterfly Type Flow Balancing Damper Manual		Dia 1000	700MWe/73003/2019/DSS	PC-E-756		Nos.	2	1	2	1	0	0	6	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.10.2	Butterfly Type Flow Balancing Damper Manual		Dia 150	700MWe/73003/5015/DSS	PC-E-756		Nos.	3	3	3	3	0	0	12		
1.10.3	Butterfly Type Flow Balancing Damper Manual		Dia 300	700MWe/73003/5015/DSS	PC-E-756		Nos.	5	5	5	5	0	0	20		
1.10.4	Butterfly Type Flow Balancing Damper Manual		Dia 250	700MWe/73003/5015/DSS	PC-E-756		Nos.	2	2	2	2	0	0	8		
1.10.5	Butterfly Type Flow Balancing Damper Manual		Dia 400	700MWe/73003/5015/DSS	PC-E-756		Nos.	1	1	1	1	0	0	4		
1.11	Butterfly Type Isolation Damper Manual with companion flanges , nuts, bolts, ,gaskets & qualification as per tech. spec. and DSS															
1.11.1	Butterfly Type Isolation Damper Manual		550 NB FL end	Refer NPCIL/73703/2032/DSS	PC-E-756		Nos.	0	0	0	0	19	0	19		
1.11.2	Butterfly Type Isolation Damper Manual		400 NB FL end	Refer NPCIL/73703/2033/DSS	PC-E-756		Nos.	0	0	0	0	8	0	8		

ANNEXURE III: PRICE BREAKUP FOR SUPPLY PART FOR DAMPERS
(only break up in percentage to be mentioned this sheet, fill yellow cell only)

NAME OF PROJECT: 4X700 MW _e ASHVINI MAHI BANSIWARA NUCLEAR ISLAND MEGA EPC	
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NAME OF PACKAGE: DAMPERS FOR NUCLEAR VENTILATION

TECHNICAL SPECIFICATION:PE-TS-551-580-003-A001

Sr No	Tag Nos.	Equipment Type Location	DESCRIPTION	Data Sheet No.	NPCIL SPEC. NO.	HSN (8 Digit)	UOM	Quantity for Unit-1	Quantity for Unit-2	Quantity for Unit-3	Quantity for Unit-4	Quantity for Common Facilities for Unit-1 & Unit-2	Quantity for Common Facilities for Unit-3 & Unit-4	Total Quantity	%AGE break up of Total of Main Supply Portion	Total FOR Price in % (Excluding GST) including Freight charges
1.11.3	Butterfly Type Isolation Damper Manual		300 NB FL end	Refer NPCIL/73703/2034/DSS	PC-E-756		Nos.	0	0	0	0	4	0	4	To be quoted in % of sr. no. 2 (TOTAL OF MAIN SUPPLY PORTION)	
1.11.4	Butterfly Type Isolation Damper Manual		200 NB FL end	Refer NPCIL/73703/2035/DSS	PC-E-756		Nos.	0	0	0	0	13	0	13		
1.11.5	Butterfly Type Isolation Damper Manual		150 NB FL end	Refer NPCIL/73703/2036/DSS	PC-E-756		Nos.	0	0	0	0	22	0	22		
1.11.6	Butterfly Type Isolation Damper Manual		100 NB FL end	Refer NPCIL/73703/2038/DSS	PC-E-756		Nos.	0	0	0	0	48	0	48		
2	TOTAL OF MAIN SUPPLY PORTION														100%	0.0000%

1	It is mandatory to quote in all the fields/price components. Wherever a particular field/price component is not applicable, it should be quoted as ZERO (0) in Numeric. However, the bidder is required to supply/perform the item/activity at free of cost if all the fields/price components are quoted as ZERO (0) against any SI. No
2	The price of the equipment / items shall also include the price of Special Tools and Tackles. The requirement of Special Tools and Tackles is to meet the erection, commissioning and subsequent maintenance of all equipment in the scope of the tender. Accordingly, it is required to include the price of Special Tools and Tackles in the corresponding equipment / items price and supply the same.
3	For details of tentative sizes of various types of dampers which are mentioned in Sq.M (UOM) refer P&IDs and Technical Specifications.
4	Damper area is on the basis of Cross-sectional area i.e. width(W) X height(H).
5	Vendor to consider the cost of all accessories as mentioned above while quoting.
6	Dampers with same data sheet Nos but with different system design pressure rating should be designed to highest system rating.
7	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.
8	Unless otherwise separately identified in the price schedule of respective module/sub-module, charges of all Special Type Tests, Seismic Qualification/ Testing as per the technical specification / Data Sheets/Drawings for individual items shall also be included in the quoted price of the items. Testing/qualification charges shall be paid extra only if the same is separately identified in the price schedule.
9	The Bill of Quantity as per Purchaser's detailed engineering, issued along with the Tender is only tentative and the Contractor may proceed with procurement of 75% of such tendered BOQ. Any subsequent procurement would be done by the Contractor only after getting approval of the BOQ prepared by the Contractor based on the drawings issued for construction by the Purchaser. However, the Contractor shall bear the responsibility of correctness of the BOQ arrived at by him based on detailed engineering drawings issued by the Purchaser.

NON-DISCLOSURE AGREEMENT

DEFINITIONS

1.1 **"DISCLOSING PARTY"** shall mean the Party that discloses its Confidential Information (BHEL), directly or indirectly to the receiving Party.

1.2 **Disclosure Period:** All disclosures hereunder shall be completed within the period that begins on Effective Date and expires on closure of the Contract.

1.3 **Effective Date:** The date on which this agreement shall become effective (i.e) from the date of signing this agreement.

1.4 **"Bharat Heavy Electricals Ltd."** or " BHEL" shall mean the Bharat Heavy Electricals Ltd., a Govt of India Undertaking, CIN: L74899DL1964GOI004281, headquartered in Delhi, India.

1.5 **Obligation Period:** begins on Effective Date and continuing until Forty (40) years after the date of disclosure of the Confidential Technical Information.

1.6 **"RECEIVING PARTY "**shall mean the Party that receives Confidential Information, directly or indirectly, from disclosing party (BHEL).

1.7 **SUB-CONTRACTOR"** shall mean any sub-contractor of the Contractor as the context so requires, for the purposes of the Project.

1.8 **VENDOR:** The party who intends to participate in the tender published by BHEL (Tender No. 77/26/6161/AMI dated 01.10.2026) and downloading this tender document from <https://eprocurebhel.co.in/nicgep/app> portal.

2. **PURPOSE OF THIS AGREEMENT.** The purpose for disclosing information under this Agreement is specified below: Receiving party to prepare and submit to Disclosing party an offer, and potentially to enter into, and perform a contract for Dampers for Nuclear Ventilation System Package of Nuclear Island Mega EPC Package (NIMEP) for MBRAPP -1 to 4 Project Receiving party shall receive Disclosing party 's Confidential Information directly or indirectly from Disclosing party

3. **CONFIDENTIAL INFORMATION.** "Confidential Information" means all information, such as all technical, financial and business information, and all tangible and intangible embodiments thereof of any kind whatsoever, as well as any information obtained orally or through observation or examination of the foregoing, that are disclosed, during the Disclosure Period, by one Party, in its capacity as Disclosing party , to the other Party in its capacity as a Receiving party , including, by way of example, but without limitation, plans and forecasts, test results and procedures, data, know-how, formulations, compositions of matte ingredients, processes, manufacturing equipment, uses, designs, sketches, photographs, drawings, specifications, software, information embodied in software, performance properties, reports, studies, findings, prices, costs, contracts, customers, suppliers, inventions, and ideas, as well as any information developed by the Receiving party that is based upon, arises out of: and/or is derived from Disclosing party information.

4. **MARKING.** To the extent practical, Confidential Information shall be disclosed in documentary or tangible form marked "Confidential" or "Proprietary" or other similar legend.

5. CONFIDENTIALITY OBLIGATIONS. During the Obligation Period as described in 1.5 Receiving party shall exercise the same level of care (but not less than reasonable care) in handling Disclosing party's Confidential Information as if they were its own, and shall undertake the following obligations with respect thereto:

5.1 Not to copy, reduce to writing or otherwise record the Confidential Information except as strictly necessary for the performance of its obligations under this Contract.

5.2 The Receiving Party shall not disclose the Confidential Information of the Disclosing Party to any other third party except for the purpose of submitting the bid against this tender and subsequent execution on award of contract.

The Receiving Party shall be responsible for maintaining the confidentiality of restrictive information shared with their vendors/ sub-contractors/agents.

5.3 Not disclose to a third party the fact of this Agreement or the nature of Confidential Information received hereunder.

5.4 Not disclose any of Disclosing party's Confidential Information to employees, or employees of Affiliates, whose functions are not necessary for fulfilling the purpose of this Agreement.

5.5 Not use any of Disclosing party's Confidential Information (including tests, evaluations, and information derived therefrom) except for accomplishing the Agreement Purpose;

5.6 Not analyze or reverse engineer Confidential Information for the purpose of determining components or structure, or make it available to a third party for analysis;

5.7 Not include any of Disclosing party's Confidential Information, or any information developed by Receiving party that is based upon, arises out of: and/or is derived from Disclosing party's information, in any patent application without the written consent of the Disclosing party's.

5.8 Receiving party shall disclose the Confidential Information only to such of its representatives for the Agreement Purpose.

5.9 Receiving party shall ensure that the tangible copies of the Confidential Information be kept separate: other information of Receiving party and in a controlled manner so that only people working for the Agreement Purpose can access the tangible copies of the information.

5.10 Receiving party shall ensure that the electronic copies of Confidential Information be kept in separate files accessible only by those working for the Agreement Purpose and are password protected.

5.11 Upon the completion of the contract between Disclosing party and Receiving party related to the Agreement Purpose or earlier termination thereof, Receiving party shall

5.11.1 destroy or return to the Disclosing Party all documents and materials (and any copies) containing, reflecting, incorporating or based on the Disclosing Party's Proprietary Information.

5.11.2 Erase all the Disclosing Party's Proprietary information from its computer and communications systems and devices used by it, or which is stored in electronic form.

5.11.3 to the extent technically and legally practicable, erase all the Disclosing Party's Proprietary information which is stored in electronic form on systems and data storage services provided by Third Parties; and

5.11.4 certify in writing to the Disclosing Party that it has complied with the requirements of this Clause 5.11.

5.12 However, the foregoing obligations shall not prevent Receiving party from disclosing only those portions of Confidential Information that are required to be disclosed by law, government regulation or court order, provided that Receiving party provides reasonable prior notice to the Disclosing party of such required disclosure and takes reasonable lawful measures to avoid or minimize such disclosure, including providing reasonable assistance to Disclosing party with respect to any appropriate action that Disclosing party may decide to take.

6. EXCEPTIONS. Receiving party shall have no confidentiality obligations with respect to information that:

6.1 At the time of disclosure is in the public domain;

6.2 After disclosure is published or otherwise becomes part of the public domain through no fault of Receiving party (but only after it is so published or comes into the public domain);

6.3 Was already in Receiving party possession at the time of disclosure as evidenced by prior written records;

6.4 Is hereafter independently developed by an employee or agent of the Receiving party who did not have access to or knowledge of the Confidential Information.

6.5 However, the foregoing exceptions do not apply to Confidential Information that comprises: (i) specific information that is merely embraced by more general information in the public domain or in Receiving party's possession; or (ii) a combination that can be reconstructed from multiple sources in the public domain or Receiving party's possession, none of which sources individually shows the whole combination.

7. GENERAL PROVISIONS

7.1 ENTIRE AGREEMENT: This Agreement contains the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior or contemporaneous written and oral communications and agreements relative to information disclosed on or after the Effective Date.

7.2 AMENDMENTS: No amendment, modification, waiver or extension of the terms of this Agreement shall be binding unless approved in writing and signed by an authorized representative of each of the Parties.

7.3 NO GRANT OF LICENSE: This Agreement shall not be construed as granting Recipient a right to a license, implied or otherwise, under any patent, trademark, trade secret, or other rights now or hereafter owned or controlled by Discloser.

7.4 DISCLAIMER OF WARRANTIES: The Discloser does not make any warranty, guarantee, or representation with respect to any information or material provided hereunder, either express or implied, other than it has the lawful right to provide such information or material.

7.6 DISCLAIMER OF BUSINESS RELATIONSHIP: This Agreement shall not be construed as creating a business relationship, an obligation to enter into a business relationship, an agency, partnership or joint venture relationship, or an obligation or right to purchase or sell goods or service Information hereunder shall not be considered an offer for sale or a commercial use.

7.8 Governing Law: This agreement shall be interpreted in accordance with and governed by the substantive and procedural Laws of India and the parties here by consent to the Jurisdiction of Court situated in Delhi.

This Agreement is executed by authorized representatives of the Parties, who agree to all the terms and conditions hereof. This Agreement may be signed in separate counterparts with an inked handwritten signature, each of which counterparts when so executed and delivered in hard copy form as executed, shall be deemed to be an original, but all of which taken together shall constitute a fully executed instrument, e.g., partially executed signature pages may be detached from the counterparts and attached to a single copy of this Agreement to physically form one document. In addition, fully executed instruments, in counterpart or non- counterpart format, bearing one or more, or all signatures that have been converted to electronic format (e.g., PDF, Fax,) and thereafter fixed in a tangible copy before or after being electronically transmitted (e.g., by fax or e-Mail) shall be effective in all respects and treated the same as original hand-written signatures placed on hard copies. The Parties shall endeavour to provide inked signature versions at a later convenient time, but the failure or refusal to exchange such inked signature versions shall not undermine the validity or enforceability of this Agreement

	Authorized representative of Disclosing party	Authorized representative of Receiving party
Signature:		
Name:	Amit Kumar	
Designation:	Sr. Manager/PEM BOP/B/E	
Date:		
Place:	Noida	

TENDER NO.77/26/6161/AMI dated 01.10.2026

DESCRIPTION: PRE-BID TIE-UP/ MOU OF DAMPERS FOR NUCLEAR VENTILATION SYSTEM FOR 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP).

MEMORANDUM OF UNDERSTANDING (MOU)

This Memorandum of Understanding ("**MOU**") is entered into on this -----day of -----
----- at Noida.

BETWEEN

BHARAT HEAVY ELECTRICALS LIMITED, a Government of India Undertaking incorporated under the Companies Act, 1956, having its registered office at BHEL House, Siri Fort, New Delhi, hereinafter referred to as ("**BHEL**"), which expression, unless repugnant or contrary to the context thereof, shall mean and include its successors and permitted assigns of the Party of the First Part.

AND

M/s <Name of the Successful Bidder>, an existing Company under the Companies Act, 1956/ Partnership Firm, having its registered office at -----
-----, hereinafter referred to as "**Contractor**" which expression, unless repugnant or contrary to the context, thereof shall mean and include its administrators, successors, heirs, executors and permitted assigns of the Party of the Second Part:

The Parties of the First Part and Second Part are hereinafter collectively referred to as "**Parties**" and individually as "**Party**".

WHEREAS:

- A.** Anushakti Vidhyut Nigam Limited ("ASHVINI") has invited bids for Design, Engineering, Manufacture, Supply including Mandatory Spares, Supervision of Erection & Commissioning for the **DAMPERS FOR NUCLEAR VENTILATION SYSTEM** Package for 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP) (hereinafter referred to as "**Project**").
- B.** BHEL is in process of submitting an offer to ASHVINI for the project on EPC basis, which includes this Package along with the others scope of work, ancillary and incidental thereto, as provided in ASHVINI Tender.
- C.** BHEL had floated a Pre - bid tender enquiry bearing reference no. 77/26/6161/AMI dated 01.10.2026 (hereinafter referred to as "**Tender**") to invite offers to execute DAMPERS FOR NUCLEAR VENTILATION SYSTEM package.
- D.** M/s <Name of the Contractor> (hereinafter referred to as "**Contractor**") had submitted their offer for the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package to be carried out for the Project (hereinafter referred to as the "**Offer**").

- E.** After Techno-commercial evaluation of Offers received against the Tender and subsequently opening of price bids, M/s <Name of the Contractor> has emerged as Lowest bidder for the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package for a Lumpsum Contract values of Rs. _____(Rupees _____).
- F.** Now <Name of the Contractor> has agreed to associate with BHEL as sub-contractor for the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package as specified in the Tender for the Project, and shall not bid directly in the Project for the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package or with any other bidder, bidding for the Project, directly, indirectly or through any of its subsidiary, holding company, partnership firm or in any other manner.
- G.** BHEL hereby agrees to enter into this Memorandum of Understanding (“**MOU**”) with the Contractor to award the contract to them for carrying out the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package as a sub-contractor of BHEL for the Project, in the event of the Project being awarded to BHEL by ASHVINI.

NOW, THEREFORE, in consideration of the mutual covenants, agreements, representations, warranties and indemnities set forth in this MOU, the sufficiency of which is hereby acknowledged by the Parties, the Parties hereby agree on following terms and conditions:

1. PURPOSE OF THE MOU:

BHEL and Contractor desire to enter into this MOU with the purpose of:

- 1.1. Entering into Pre-Bid Tie Up for “*PRE-BID TIE-UP/ MOU OF DAMPERS FOR NUCLEAR VENTILATION SYSTEM FOR 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP).*”
- 1.2. Submitting detailed proposal by BHEL to ASHVINI for the said DAMPERS FOR NUCLEAR VENTILATION SYSTEM package of the Project.
- 1.3. To specify the rights and obligations of each Party in performing the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package, till the issue of Letter of Award to the Contractor, if the Project is awarded by ASHVINI to BHEL.
- 1.4. Negotiating, and entering into Contract Agreement for performance of DAMPERS FOR NUCLEAR VENTILATION SYSTEM package, when the Project is awarded by ASHVINI to BHEL.

2. PRINCIPLES OF AGREEMENT:

- 2.1. The Tender Document and the resulting contract for the Project shall be binding on both the parties. In case of breach of MOU by contractor, all the consequences including but not limited to invocation of 1% MOU Bid Bond and Suspension of Business dealings as per extant BHEL policy and Tender shall be applicable.

- 2.2. Award of the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package to contractor shall be subject to the approval of Contractor from ASHVINI.
- 2.3. Nothing contained in this MOU shall constitute or deemed to constitute a partnership, or joint venture between the Parties hereto and neither of the Parties shall have any authority or power (and shall not represent themselves on having such authority or power) to contract in the name of or to undertake any liability or obligation on behalf of the other Party, same in so far as expressly agreed to and provided in this MOU.
- 2.4. There being no sharing of profit or losses, any profit arising to the parties hereto shall be taken credit by the Party causing the profit, any loss shall be borne by the Party causing the loss. The relationship between the parties shall be on an arm's length basis and shall be strictly temporary and nothing contained herein is intended, nor shall it be construed as creating or requiring any other ongoing or continuing relationship or commitment between the Parties.
- 2.5. In the event of the award of the Project to BHEL by ASHVINI, the Parties agree to carry out the DAMPERS FOR NUCLEAR VENTILATION SYSTEM package as per their respective scope, and General and/or Special and other Conditions forming part of the Tender.
- 2.6. The contractor agrees that while entering MOU, all the terms & conditions of Tender have been fully understood. Any claim, financial and/ or commercial implications arising out of ignorance of any terms & conditions on any grounds whatsoever, shall not be accepted by BHEL later on and BHEL decision shall be final in this regard.

3. SCOPE OF WORK:

- 3.1. The scope of work will be *"PRE-BID TIE-UP/ MOU OF DAMPERS FOR NUCLEAR VENTILATION SYSTEM FOR 4X700 MWe ASHVINI MAHI BANSWARA UNIT 1-4 (NIMEP)"* as detailed in Tender no. 77/26/6161/AMI dated 01.10.2026.
- 3.2. The Contractor shall promptly provide all relevant technical and commercial information and assistance as required for the purposes of the preparation of the detailed proposal before the due date and for the negotiation of the Tender. Contractor, may be required to attend meeting(s) in connection with the Tender and/or contract either between the parties and / or among the parties and ASHVINI. Parties shall bear their own expenses for these meetings and any other expenses incidental thereto.

4. VARIATION IN PRICING AND ALTERTION IN TERMS & CONDITIONS

- 4.1. The Lumpsum price as agreed upon by this MOU, will remain unchanged for the scope of DAMPERS FOR NUCLEAR VENTILATION SYSTEM package.

However, BHEL reserves the right to negotiate with M/s ASHVINI at any stage to secure the Project, without involving the contractor. Any reduction on the final price for the Project, as agreed by BHEL during negotiations with ASHVINI, shall be correspondingly applicable to the price agreed upon in the MOU and shall be binding on the Contractor.

- 4.2. No revision in price and agreed terms & conditions, save as excepted hereinabove, shall be accepted on account of any implication arising out of but not limited to ignorance, omissions, negligence of technical specifications and/ or tender terms and conditions on the part of contractor.

5. PERFORMANCE OF CONTRACT: LIABILITIES OF THE PARTIES

- 5.1. BHEL shall not be liable to the Contractor for loss of business opportunity, including but not limited to any direct, indirect, special or consequential loss or damages of any kind whatsoever because of the Project not being awarded to BHEL, cancellation of Project, suspension of Project or for any other reason whatsoever.
- 5.2. The Contractor shall be liable to BHEL for the due performance of its Scope of Work in accordance with the Tender on the basis of which this MOU has been entered.

6. CONFIDENTIALITY: As per duly signed NDA between the parties (Copy attached)

7. INDEMNIFICATION

Parties to the MOU do hereby agree to henceforth indemnify, to defend and hold harmless the other Party against any and all expenses, claims, losses, costs, deficiencies, liabilities and damages (including related counsel fees and expenses) arising out of or due to;

- 7.1. A breach of any of the representations, warranties or covenants of the party contained in this MOU or
- 7.2. Any default in the performance of any of the covenants or agreements made by the party in this MOU.

Notwithstanding to the termination or expiration of this MOU for any reason whatsoever, the Indemnification Clause shall survive and remain in force.

8. TIME PERIOD

- 8.1. This MOU shall continue to remain valid until issue of Letter of Award ("LOA") by BHEL or expiry of 18 months, or any other agreed extended period, from the date of signing, whichever occurs earlier The Letter of Award issued to the contractor shall supersede this MOU.

9. PRE-BID GUARANTEE

- 9.1. The contractor shall furnish a Bid Bond for an amount equal to 01% (One Percent) of the value of the MOU price within 30 days of signing of this MOU.
- 9.2. The Bid Bond shall be in the form of Bank Guarantee/Security Deposit (in form of Instruments mentioned in PS clause of NIT). The Bank Guarantee shall be furnished in accordance with the relevant provisions of the Tender for Bank Guarantees.
- 9.3. The Contractor shall keep the Bank Guarantee furnished as Bid Bond valid till the period of validity of MOU including extended period if any.

10. ASSIGNMENT

- 10.1. Neither Party shall, without the prior written consent of the other Party, transfer, assign or dispose of any of its rights hereunder, or subcontract or otherwise delegate any of its obligations under this MoU.

11. NOTICE

All notices pursuant to this MOU shall, except as otherwise specifically provided for be made in writing.

All the communications shall be delivered by prepaid post and to the addresses or such other addresses as either Party may from time to time notify to the other in accordance herewith.

If sent to BHEL:

Bharat Heavy Electricals Limited
Project Engineering Management,
3rd Floor, BHEL Sadan,
Plot No. 25, Sector 16A,
Noida – 201301 (U.P.)

If sent to Contractor:

<Address of the Contractor>

12. WAIVER

Any waiver by either Party of a breach of any provision of this MoU shall not be considered as a waiver of any subsequent breach of the same or any other provision of this MoU.

13. GOVERNING LAW AND DISPUTE RESOLUTION

- 13.1. This MoU shall be governed by and construed in accordance with the Laws of India.

13.2. All disputes and claims between the Parties which may arise out of or in connection with the MoU shall be settled amicably by good faith negotiation between the Parties.

13.3. In the event that no amicable settlement is arrived at, any unsettled dispute, controversy or claim arising out of or in connection with this MoU, or the breach, termination or invalidity thereof, shall be finally settled by arbitration in accordance with the Arbitration and Conciliation Act, 1996. The dispute shall be referred to India International Arbitration Centre (IIAC) to appoint sole arbitrator to be appointed by IIAC. Arbitration proceeding shall be governed by the IIAC Rules. The seat of arbitration shall be at New Delhi. The language to be used in the arbitral proceedings shall be English. The Arbitral Tribunal shall give a reasoned Award.

13.4. All the disputes in relation to this MOU, Court at New Delhi shall have the exclusive jurisdiction.

14. COMPLIANCE AND ETHICS

14.1. The Parties agree to fully comply with all the applicable laws and regulations applying to the proposed Tender. The Parties shall strictly abide by the code of conduct and ethics policy of their respective organisation.

14.2. Each Party hereby warrants that it will not, directly or indirectly, and it has no knowledge that other persons will, directly or indirectly, make any payment, gift or other commitment to its customers, to government officials or to agents, directors and employees of any Party or any other party in a manner contrary to applicable laws and shall comply with all relevant laws, regulations, ordinances and rules regarding bribery and corruption.

14.3. Nothing in this MoU shall render a Party liable to reimburse another Party for any such consideration given or promised.

14.4. A material violation by a Party of any of the obligations contained in clause 14.1 or 14.2 above may be considered by the other Party to be a material breach of this MoU and shall entitle the other Party to terminate this MoU with immediate effect and without prejudice to any further right or remedies on the part of such Party under this MoU or applicable law. The violating Party shall indemnify the other Party for all liabilities, damages, costs or expenses incurred as a result of any such violation of the above-mentioned obligations and termination of this MoU.

15. SEVERABILITY

If any provision of this MoU is held by any court to be void or unenforceable in whole or in part, the other provisions of this MoU and the remainder of the affected provisions shall continue to be valid.

16. TERMS OF MOU

Subject to the provisions of Clause 8 of the MOU, the MOU shall remain inforce until superseded by a Contract Agreement executed between the Parties after award of Project to BHEL by ASHVINI.

Parties hereby confirm their unqualified acceptance of the above terms and conditions evidenced by its signatures on this Memorandum.

IN WITNESS WHERE OF THE parties hereto have caused this MOU to be signed by their respective authorized representatives on the date mentioned here in above.

Place: _____

For Bharat Heavy Electricals Limited

For Contractor (Name)

By

Name :

Designation

WITNESS

1.

2.

PROFORMA OF BANK GUARANTEE FOR BID BOND

(On non-Judicial paper of appropriate value)

Bank Guarantee No.....

Date.....

To

**Bharat Heavy Electricals Limited,
Project Engineering Management,
3rd Floor, BHEL SADAN, Plot No. 25,
Sector-16A, Noida, U.P.-201301**

Dear Sirs,

In accordance with the terms and conditions of MOU dated¹, (hereinafter referred to as the "MOU") signed between **Bharat Heavy Electricals Limited**, Project Engineering Management, 3rd Floor, BHEL SADAN, Plot No. 25, Sector-16A, Noida, U.P. - 201301 and **M/s**² having its registered office at (hereinafter referred to as the 'Contractor'), where BHEL agrees to award the contract to the Contractor for carrying out the works as a sub-contractor of BHEL for the Project (i.e. 4X700 MW ASHVINI MAHI BANSWARA UNIT 1-4), in the event of the Project being awarded to BHEL by it Customer, i.e. M/s Anushakti Vidhyut Nigam Limited (ASHVINI).

The conditions of MOU provide that the successful bidder ('Contractor') shall furnish a Bid Bond for an amount of Rs.....³, i.e. 01% (One Percent) of the value of the price of the contract mentioned in MOU , within 30 days of signing of this MOU in the form therein mentioned. The form of payment of Bid Bond in the shape of Bank Guarantee executed by a Scheduled Bank.

In lieu of the stipulations contained in the aforesaid MOU that an irrevocable and unconditional Bank Guarantee against Bid bond for an amount of³ is required to be submitted by the Contractor to fulfil the terms and conditions of accepted and signed MOU and the Contractor having approached us for giving the said Guarantee.

We, the[Name & address of the Bank]⁶ having our Registered Office at(hereinafter referred to as the Bank) being the Guarantor under this Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to BHEL without any demur and without any reference to the Contractor, merely on your first demand any sum or sums of Rs.....³ (in words Rupees.....) without any reservation, protest, and recourse and without the beneficiary needing to prove or demonstrate reasons for its such demand.

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.³.

We undertake to pay to BHEL any money so demanded notwithstanding any dispute or disputes raised by the Contractor in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the Contractor shall have no claim against us for making such payment.

We⁶ Bank further agree that BHEL 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 Tender or to extend the time of submission of from time to time or to postpone for any time or from time to time any of the powers exercisable by BHEL against the said Contractor and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor or for any forbearance, act or omission on the part of the BHEL or any indulgence by BHEL 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 so relieving us.

The Bank also agrees that BHEL at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee that BHEL may have in relation to the Contractor 's liabilities.

This Guarantee shall be irrevocable and shall remain in force upto and including.....⁴ and shall be extended from time to time for such period as may be desired by BHEL.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Contractor but shall in all respects and for all purposes be binding and operative until payment of all money payable to BHEL in terms hereof. However, unless a demand or claim under this Guarantee is made on us in writing on or before the⁵ we shall be discharged from all liabilities under this Guarantee.

We,⁶ Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of BHEL in writing.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India.

Courts at New Delhi shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee.

Notwithstanding anything to the contrary contained hereinabove:

a) The liability of the Bank under this Guarantee shall not exceed.....³

b) This Guarantee shall be valid up to⁴

c) Unless the Bank is served a written claim or demand on or before⁵ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank

We,⁶ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of

(Name of the Bank)

Date.....

Place of Issue.....

1 MOU dated...

2 Name and Address of the Contractor

3 Bid Bond Value in words and Figures

4 Validity Date

5 Date of Expiry of Claim Period

6 Name & Address of Bank

Notes:

1. Bidders are advised that expiry of claim period may be kept 3-6 months after validity date.

2. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper.

3. In Case of Bank Guarantees submitted by Foreign Vendors-

a. From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India) can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.

b. From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)

b.1 In such cases, in the Tender Enquiry/ Contract itself, it may be clearly specified that Bank Guarantee issued by any of the Consortium Banks only will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter- Guarantee by Foreign Bank in favour of the Indian Bank's (BHEL's Consortium Bank) branch in India. It is advisable that all charges for issuance of Bank Guarantee/ counter- Guarantee should be borne by the Foreign Vendor.

b.2 In case, Foreign Vendors intend to provide BG from Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at sl.no. b.1 will required to be followed.

b.3 The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time).