

OF THE ADDITIONAL GENERAL MANAGER (PPX-BOI)
BHARAT HEAVY ELECTRICALS LIMITED , Heavy Electrical Equipment Plant
Ranipur, Haridwar – 249 403 (UA), India



Tender Enquiry No. B/4011/2016/0913V/2 for the requirement of EHA With Spares of Vijaywada-V project

The technical specifications/Drawings uploaded along with this Open Tender are as mentioned below. In case of non-receipt or non-clarity of any of these documents, you may contact undersigned. No Financial Implication on account of non-availability of documents would be entertained after opening of Techno-Commercial Offers.

LIST OF ENCLOSURES

<u>Commercial Documents</u>		
	<u>Document No.</u>	<u>Number of pages</u>
1.	ENQ. NUMBER <u>B/4011/2016/0913V2</u>	11
2.	PRE-QUALIFICATION REQUIREMENT (ANNEXURE-B)	04
3	PRICE SCHEDULE FOR FOREIGN SUPPLIER	01
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<u>Technical Documents</u>		
	<u>Document No.</u>	<u>Number of pages</u>
1.	WRITE UP ON EHA FOR MAIN ACTUATORS FOR MAIN STEAM VALVES FOR 660/800 MW RATING STEAM TURBINE SETS (ANNEXURE-A)	07
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HEEP: HARDWAR-249 403 (Uttarakhand)
FAX: +91 1334 226084/226462
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Enquiry No.: B/4011/2016/0913V/2 (EHA WITH SPARES FOR VIJAYWADA PROJECT)
Last date to get technical documents from BHEL: 26.12.2016
Submission Date: 14/01/2017 By 1345 Hrs IST
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INSTRUCTION TO BIDDERS AND SPECIAL TERMS OF THE ENQUIRY

SCOPE OF ENQUIRY

Sealed Bids are invited from bidders for providing the complete engineering, design, supply of all material equipment, fabrication, assembly, pre-shipment testing at manufacturer's works, proper packing for transportation, delivery at plant site and supervision of erection and commissioning and training as per detailed specifications of Electro Hydraulic Actuators (EHA) for 1X800 MW Vijayawada Project. A brief write-up on ELECTRO HYDRAULIC ACTUATOR RFOR MAIN STEAM VALVE FOR 660/800 MW RATING STEAM TURBINE SETS has been mentioned in **Annexure-A**

1. PROJECT INFORMATION

1.Project Name	1. 1x 800 MW VIJAYWADA-V STPP
Consignee Address	THE DIVISIONAL ENGINEER(STORES &SERVICES),DR.NTTPS STAGE-IV, APGENCO,IBRAHIMPATNAM,KRISHNA DISTT, ANDHRA PRADESH - 521456
Custom Duty Structure	CD on Project Import
Excise Duty Structure	ED on Merit
CST/ VAT	Applicable extra
Pls. note that the comparison would be done as per the applicable taxes and duties on the date of opening of Price Bid.	

2. Brief Description of the requirement (For details refer price checklist – Annexure -1)

Sl. No.	Material Code	Total Requirement/ Project	Item Description	Delivery Required
1.	Material Code : W90311400132	Project : Vijaywada-V-01 set	ELECTRO HYDRAULIC ACTUATORS (EHA) FOR TURBINE VALVES AS PER DRG: 11140056550 VAR00 REV: 00	14/06/2018 (For Vijayawada-V)
2.	Material Code : W90311400140	Project : Vijaywada-V-01 set	COMMISSIONING SPARES PARTS FOR ELECTRO HYDRAULIC ACTUATORS AS PER DRG: 41140056502 REV: 02	14/06/2018 (For Vijayawada-V)
3.	Material Code : W99311400416	Project : Vijaywada-V-01 set	MANDATORY SPARES PARTS FOR ELECTRO HYDRAULIC ACTUATORS AS PER DRG: 31140056207 REV: 01	28/07/2019 (For Vijayawada-V)



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3. **TECHNICAL SPECIFICATIONS:** A brief write-up on ELECTRO HYDRAULIC ACTUATOR RFOR MAIN STEAM VALVE FOR 660/800 MW RATING STEAM TURBINE SETS has been mentioned in **Annexure-A (attached)**. **Prequalification Requirement has been mentioned in Annexure-B.**

The OEM manufacturer meeting pre-qualification requirement and having capability for supplying EHA as per write-up (mentioned in Annexure-A) may seek complete technical specifications from BHEL in Hard or Soft Copy. For seeking "technical specifications" potential suppliers shall submit following documents:

- Non- Disclosure agreement (Duly signed and stamped at each page by original equipment manufacturer)
- At least one purchase order copy / commissioning report copy against supply of EHA to steam turbine with rating 660 MW or above

The request for "technical specifications" with above documents should reach BHEL-Haridwar latest by 26.12.2016. The technical documents will be provided with 07 days of receipt of request and above mentioned documents. **The request for technical documents received after 26.12.2016 will not be entertained in any case.** All requests shall be addressed to the contact detail mentioned in clause no. 29 of this NIT.

In case hard copy of "technical specifications" are required by the bidder, tender fee of Rs. 2,000/- shall be submitted along with the request for "technical specification". The tender fee shall be submitted by Pay Order or Demand Draft only. MSE suppliers are exempted from submission of **tender fee**.

In case bidders requests for soft copy only, **no tender fee** is required.

4. SUBMISSION OF OFFER

- 5.1 Bidders are advised to study all the tender documents carefully. Any submission of tender by the bidder shall be deemed to have been done after careful study and examination of the tender documents and with full understanding of the implications thereof. The specifications and terms & conditions shall be deemed to have been accepted unless otherwise specifically commented upon in 'Deviation' sheets by the bidder in his offer. Non-compliance with any of the requirements and instructions in the Tender Enquiry may result in rejection of the tender.
- 5.2 Name of vendor's dealing person with Contact No(s), Email ID and Address of correspondence shall be provided in the bid.
- 5.3 Tenders are to be submitted in **Two Parts** and **Part-I** (Techno-Commercial Bid) will be opened first. The offers are to be submitted on or before the Due Date and time, as detailed below:
- 5.4 Tender opening is scheduled to start in the Tender Room at 2:00 PM, on the due date. Therefore bid/quotations must reach this office / tender Box latest by 1:45 PM on due date. Only participating bidders are allowed to attend tender opening. TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES. The bidders or their authorized representatives may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter, for price bid opening on that particular day. General authorization letter is not acceptable.

This should be read and complied in conjunction with clause 3.0 of General Instructions and Standard Term and Conditions for bidding against Tender Enquiry (herein called as GISTC)

5. EARNEST MONEY DEPOSIT (EMD)

4.1 Interested bidders must submit their offer along with the following Earnest Money Deposit (EMD) in a separate sealed envelope:

Details	Amount In INR	Amount in USD	
EMD	INR 2,00,000/- (INR Two Lac)	USD 3000/- or equivalent currency	Refundable



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3.2 The EMD should be submitted in the form of demand draft / Pay Order/ cash (as permissible under income tax act). The Drafts shall be drawn in favor of "**BHEL Hardwar**". In case of foreign bidders, E- payment is also acceptable. For E- Payment, the RTGS details are as mentioned below:

Bank Details	SWIFT Details of bank	Contact Details of Banker
STATE BANK OF INDIA RANIPUR BRANCH, OPP: BHEL MAIN GATE, SECTOR-5, RANIPUR, HARIDWAR, UTTARAKHAND, INDIA PIN CODE : 249403	SWIFT NO : SBININBB225 CC ACCOUNT NO : 10667995458 IFSC CODE : SBIN0000586	Name: Sh. Sudhir Sharma Design: Chief Manager (IBD) Contact No. +91 1334 224201 +91 1334 226125 Fax: +91 1334 226512

- 4.2 The suppliers who are already registered in PMD (product Material Directory) of BHEL, HEEP Haridwar for supply of this item are exempted from submission of EMD.
- 4.3 All Central/State – PSUs/ Government Departments/ MSE Suppliers are exempted from submission of EMD.
- 4.4 Bids not accompanied by the requisite EMD or bids accompanied by EMD of inadequate value shall not be entertained and in such cases, these bids shall be returned to the bidder.
- 4.5 The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after the finalization of the contract. EMD shall be forfeited in the event of bidder opting out after tender opening.

6. **PRE-QUALIFICATION REQUIREMENT (PQR)**

Pre-Qualification requirement is mentioned in Annexure-B. Kindly ensure submission of documents in support of PQR. Offer submitted by bidders will be scrutinized with respect to pre-qualification requirement first. Technical offer of the bidders not meeting Pre-qualification requirement will not be scrutinized.

8. **CUSTOMER APPROVAL REQUIREMENT:**

Kindly submit your Quality/ Manufacturing credentials and supply experience of this item for taking approval from customer/End User. **Kindly note that the supplier approval by the end-user is mandatory for consideration of their offer in present tender.**

9. **TECHNICAL REQUIREMENT**

- Scope of supply has been mentioned in Annexure-C (**price schedule**). Prices are to be quoted strictly as per price schedule.
- Please ensure completeness of your offer along with all the relevant documents as per **technical specifications (Procedure for getting technical specifications detailed in point no. 3)**

Please furnish the item-wise price of each item referred in specification of Commissioning spares, Mandatory Spares and Recommended Spares.

Cost of recommended spares will not be used for evaluation purpose. However these prices may be used as reference and future for ordering (if required).

10. **Cross referred technical documents (to be complied with)**



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- Brief **Write up on EHA for main actuators for Main Steam Valves for 660/800 MW rating steam turbine Sets** (Annexure-A)
- Pre-Qualification requirement (Annexure-B)
- Price schedule/ Scope of supply: Annexure-C
- Complete technical specifications (to be provided as per procedure mentioned in clause no. 3)
- General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)- Separate for Foreign and Indigenous suppliers

11. QUALITY REQUIREMENTS

A) For Indigenous Suppliers:

- Supplier shall submitted quality plan for BHEL and End User/ Customer approval.
- Inspection shall be done by BHEL nominated Inspection Agency & Customer/ End User as per customer approved Quality Plan. The charges for carrying out inspection for indigenous scope of supply would be borne by BHEL, however the co-ordination with the Third Party Inspection Agencies would be the sole responsibility of the bidder. The list of approved Third party Inspection agencies would be provided at the time of contract finalization. At least 15 days' notice period should be provided for arranging Pre-Inspection.

B) For Foreign Suppliers :

- Supplier shall submitted quality plan for BHEL and End User/ Customer approval.
- Inspection shall be done by third part inspection agency (LRS/TUV/BV) & Customer/ End User as per customer approved quality plan. **The prices (in price schedule – Annexure-C) are to be quoted inclusive of Third Party Inspection Charges** (By Lloyds/BVQI/TUV). The scope of inspection for Third Party Inspection Agency would be as per Customer/ End User approved Quality Plan. In case, nothing has been mentioned in your offer about the Third Party Inspection charges, the same would be considered to be inclusive in your quoted prices. The co-ordination with the Third Party Inspection Agencies would be the sole responsibility of the bidder.

- C) The Test Certificates/Inspection reports shall be submitted to BHEL for review and acceptance before dispatch of Material. The Material Dispatch Clearance (MDCC) will be provided within 07 days of receipt of these documents, provided those are complete with reference to technical specifications and approved QAP.

The Material is to be dispatched only after receipt of Material Dispatch Clearance from BHEL

12. Evaluation Criteria

Evaluation shall be done on total landed cost to BHEL up to site (**material cost and services covered in Annexure-C, taken together**).

Material cost and services (Training, Supervision during Erection & Commissioning) shall be quoted strictly as per the **price schedule- Annexure-C** (copy enclosed).

13 OFFER VALIDITY

The offer is to be submitted with a validity of 180 days from the date of opening of techno-commercial offers. BHEL will reserve the right to reject the offer, quoting validity less than 180 days



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14 SUPERVISION/ERECTION & COMMISSIONING/TRAINING

14.1 Per Day Charges for Training, Supervision during Erection & Commissioning (lump sum & inclusive of everything i.e. lodging, fooding, boarding etc.) shall be quoted in the price schedule (Annexure-C)

14.2 Per Visit Charges (to & fro to our site) for Training regarding design/construction features, operation & maintenance of the supplied equipment (Including C&I) to customer's/BHEL Engineers, Supervision during Erection & Commissioning shall be quoted in the price schedule (Annexure-C)

14.3 A total period of 08 Days and 02 Visits will be taken for evaluation purpose for one TG Set of Vijayawada-V Project. However payment will be made on actual number of days and visits involved in supervision of erection/ commissioning and training.

14.4 Please note that the quoted Erection, Commissioning & Training charges shall be inclusive of applicable Service tax & TDS. BHEL will deduct tax from your bill of supervision at the time of payment of supervision and furnish Tax Deduction at Source (TDS) Certificate (provided supplier have PAN card within India). The rate of tax will be as per DTAA between your country and India. You should generally be able to get credit for TDS from the tax authorities in your country based on the certificate provided by BHEL (TDS certificate), if there is a Double-Taxation Avoidance Agreement (DTAA) with India.

14.5 Supplier should send a checklist to BHEL prior to deputation of Site Engineer for Commissioning. BHEL will confirm the checklist prior to issuing Commissioning Call to the vendor. After receipt of checklist from BHEL, the vendor should send the commissioning Engineer within 15 days of confirmation of site readiness. **In case, any additional work is required which is beyond the Scope / Warranty, the work should be commenced only after signed agreements with site representative & the vendor.**

15 PRE BID CLARIFICATION/ PRE BID MEETING

15.1 Please note that as per BHEL's Policy, we cannot allow Price impact for the requirement / scope of supply, which is a part of specifications of our tender enquiry. Hence please read all specification / documents thoroughly and submit your offer as per specifications of tender enquiry.

15.2 In case of any confusion / non-clarity on any of the clause / requirement of specification, please clarify the same from BHEL before submission of offer. Pre-bid meeting can also be arranged on bidder's request for clarification of techno-commercial scope.

15.3 No deviation & request regarding non-clarity / contradictory conditions / ambiguity of specifications would be entertained after opening of techno-commercial offers. Further no price impact would be allowed for the requirement which is already part of the specifications of the tender enquiry, after opening of techno-commercial offers.

15.4 The prices are to be quoted on firm basis. BHEL will reserve the right to reject the offer of the vendors not quoting the prices on Firm basis.

15.5 Bidders shall submit their techno-commercial queries within 10 days of receipt of technical documents. Clarifications would be arranged within next one week. Bidders may also request for pre-bid meeting for techno-commercial clarification within one week of receipt of technical documents.

16. Engineering Document/ Drawing approval

In case of ordering, Drawings/Data sheets/documents & Quality plan as called in the specifications shall be submitted for approval of BHEL 30 days of purchase order. Any delay in delivery on account of late submission of drawings shall be to



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vendors account. BHEL will arrange the approval of the drawings/data sheets/ documents within 30 days of their receipt provided those are complete in all respect.

17. MDCC (Material Dispatch Clearance Certificate)

Material shall be dispatched only after issue of MDCC from BHEL. The Test Certificates/Inspection reports as per approved quality plan shall be submitted to BHEL for review and acceptance before dispatch of Material. The Material Dispatch Clearance (MDCC) will be provided by BHEL within 07 days of receipt of documents, provided those are complete in all respects. Material shall be dispatched within one week of issue of MDCC (material dispatch clearance certificate) by BHEL.

18. Payment Terms

18.1 Material portion: BHEL's standard payment term is 100% Payment after Receipt and Acceptance of Material/Item at Site (i.e. at Vijayawada Project site) against PBG for 10% (as mentioned in clause no. 20). Mode of Payment will be through bank (i.e. CAD) or direct to BHEL. Material receipt and acceptance certificate from BHEL will be part of negotiation documents for Payment.

18.2 Supervision during Erection , Commissioning and training: 100% against submission of successful Erection/ commissioning/ training certificate from Project Site and invoice thru Bank / direct to BHEL. Payment will be made on actual number of days and visits involved in supervision of commissioning as certified by the project site.

18.3 Negotiable documents for payment are as under (Foreign Bidder).

- 2 of 3 Original Bill of lading
- Copy of Material receipt and acceptance certificate from BHEL.
- Original certificate of origin endorsed by economic chamber of commerce of originating country.
- Original Guarantee certificate.
- Original invoice
- Original packing list
- Copy of Material clearance certificate issued by BHEL
- Copy of PBG acceptance / receipt certificate issued by BHEL
- Receipt & acceptance certificate of 01 of 03 OBL from BHEL Haridwar
- Phytosanitary certificate (if applicable, refer GISTC)

Note:

1 of 3 Original Bill of lading shall be sent by supplier directly to

AGM-Incharge (PPX/BOI),
Main Administrative Building
Bharat Heavy Electricals Limited
HEEP- HARIDWAR

18.4 Negotiable documents for payment are as under (Indigenous Bidder).

- Copy of Material receipt and acceptance certificate from BHEL.
- Original Guarantee certificate.
- Original invoice
- Original packing list
- Copy of Material clearance certificate issued by BHEL
- Copy of PBG acceptance / receipt certificate issued by BHEL (if applicable)



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Note: In case the documents are submitted through bank, material shall be send with consignee copy attached.

This should be read and complied in conjunction with clause 10.0 of General Instructions and Standard Term and Conditions for bidding against Tender Enquiry (herein called as GISTC)

Loading for deviation in payment terms:

Loading will be done as per Base Rate +6% (Per annum) of Basic Cost of the Items

Payment Terms		Days of Loading
After Receipt & Acceptance of material at the site (Indian/Foreign Bidders)		No Loading
Against receipt at site (Material receipt certificate from site) (Indian/Foreign Bidders)		15
Against dispatch documents through bank	Foreign Bidders	45
	Indian Bidders	30
Letter of Credit (LC)	Foreign Bidders	60
	Indian Bidders	45
Usance LC	Foreign Bidders	No Loading if usance period is > 45 Days.
		Loading of days difference i.e. difference between 45 days and usance period if the usance period is < 45 days
	Indian Bidders	No Loading if usance period is > 60 Days.
		Loading of days difference i.e. difference between 60 days and usance period if the usance period is <60 days

Note:

01. The base rate of SBI shall be considered as applicable on 31st March of preceding year from tender due date.
02. BHEL reserves the right to reject offer of bidders not meeting BHEL standard payment term.

19. PROJECT MILESTONES & DELIVERY PERIOD

The project milestones are mentioned below.

Sl. No.	Material Code	Total Requirement/ Project	Delivery Required
1.	Material Code : W90311400132	01SET Project : Vijaywada-V-01 set	14/06/2018 (For Vijayawada-V)



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2.	Material Code : W90311400140	01 SET Project : Vijaywada-V-01 set	14/06/2018 (For Vijayawada-V)
3.	Material Code : W99311400416	01 SET Project : Vijaywada-V-01 set	28/07/2019 (For Vijayawada-V)

Bidders are requested to quote their best delivery period. Commencement of delivery period shall be reckoned from the date of PO / LOI. If the delivery quoted by you does not meet BHEL's delivery requirement / revised delivery requirement as per site progress, you will be given a chance for reviewing your quoted delivery and inform revised delivery to BHEL. After this, if your delivery does not meet BHEL's required delivery / revised delivery as per site progress, BHEL reserve the right to reject your offer.

This should be read and complied in conjunction with "Penalty for Late Delivery" clause in General Instructions and Standard Term and Conditions for bidding against Tender Enquiry (herein called as GISTC)

20. Performance Bank Guarantee:

PBG (performance bank guarantee) shall be submitted for 10% of the order value. PBG should be valid for entire Guarantee/ Warranty period. PBG shall be submitted before negotiation of the documents. The PBG acceptance / receipt certificate will be a part of the negotiable documents

This should be read and complied in conjunction with Bank Guarantee clause in General Instructions and Standard Term and Conditions for bidding against Tender Enquiry (herein called as GISTC)

21. Guarantee/ Warranty Clause:

Guarantee shall be provided for a period of 24 months from the date of shipment or 18 months from commissioning, **whichever is later.**

All other terms (except Guarantee/ Warranty period mentioned above) will be as per "Guarantee/ Warranty and corresponding repair/ replacement of goods" mentioned in GISTC.

BHEL reserves the right to either reject the offer or load the prices for any deviation in Guarantee/Warranty Period. The loading would be done for the purpose of evaluation and would be confirmed prior to price bid opening/RA.

22. Material verification:

The supplier shall depute their representative to site after receipt of material. The boxes/ consignment received from supplier will be opened in front of supplier's representative and the content of the packages would be inspected jointly w.r.t. detailed packing list. Any shortage or physical damage shall be identified and recorded in the minutes to be signed with Site/ BHEL Hardwar's representative. Supplier shall depute their representative for this activity within two weeks of receipt of intimation from BHEL.



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No separate material verification charges would be payable

23. Operation and Maintenance Manuals

In the event of ordering O&M manuals will be provided in 25 nos. of Hard Copies and 05 CD ROMs as per MDL (Annexure- III). Out of these, 22 Nos. Hard Copies & 4 CD ROMs of O&M Manuals shall be supplied directly to BHEL Haridwar and balance O&M Manuals shall be supplied along with the equipment and description of the same should be mentioned in packing list.

24. Packing and Storage

In the event of ordering, storage and handling instructions of the equipment shall be furnished separately. 2 copies of these instructions should be send along with the equipment.

For Foreign Suppliers : Material should be shipped in seaworthy packing. Packing shall be in conformity with specifications and shall be such as to ensure prevention of damages, corrosion, deterioration, shortages, pilferage and loss in transit or storage. **Packing box of mandatory spares shall be painted with green color for easy identification at project sites.**

25. Integrity Pact:

4.1 IP is a tool to ensure that activities and transactions between the Company and its bidders/Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL.

The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs the offer) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be preliminary qualification.

Details of IEM for this tender is furnished below:

Shri. V.V.R.Sastry
957,9th Main
3 Stage, 03 Block
BasaveswaranagaBangalore-560079
sastry@gmail.com

4.2 Please refer Section-8 of the IP Role & Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the IEM mentioned in the tender.

4.3 No routine correspondence shall be addressed to the IEM (phone/post/email) regarding the clarifications, time extensions or any other administrative queries etc. on the tender issued. All such clarifications/issues shall be addressed directly to the tender issuing (procurement) department. Packing shall be in conformity with specifications and shall be such as to ensure prevention of damages, corrosion, deterioration, shortages, pilferage and loss in transit or storage.

26. REVERSE AUCTION



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BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

In case BHEL decides to go for Reverse Auction, only those bidders who have given their unconditional acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit "Online sealed bid" in the Reverse Auction. Non-submission of "Online Sealed Bid" by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.

27. DEALING WITH BANNED SUPPLIERS/ CONTRACTORS IN BHEL

Offers of the bidders, who are on the banned list, as also the offers of the bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.

28. PART-I: PRE-QUALIFICATION REQUIREMENT (PQR)/ TECHNICAL/ COMMERCIAL BID (IN ONE ORIGINAL AND INK SIGNED ON EACH PAGE OF THE OFFER)

Comprising of following documents:

- Details of EMD
 - Bidders are required to furnish requisite details in the formats specified in bidding documents for meeting the stipulated **Pre-Qualification Requirements (PQR)** along with all supporting documents like copies of End User Certificates, Purchase Orders and Contract Agreements etc.
 - Complete Technical offer with relevant drawings/ documents /QP etc. (as **per detailed specifications**)
 - Endorsed copy of this document (i.e. **Instruction to bidders special conditions of the NIT, General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)- As applicable for Indigenous or foreign bidder**) in original duly signed and stamped by the bidder.
 - Commercial Terms & Conditions
 - Any Deviation with reference to NIT to be laid down on separate sheet.
 - Un-Priced replicas of Price Bid & Cost of Withdrawal of Deviation.
 - The rating of the bidder quoting for this tender from a third party (independent agency) preferably by DUN & BRADSTREET should be submitted (D&B NUMBER). **Compliance of this clause is mandatory in case of foreign supplier, Indigenous suppliers to submit the copy of balance sheets for last three years** in absence of D&B / third agency report.
 - Supplier Registration Form:** Online Registration Portal is operational in BHEL. Bidders not registered at BHEL, Haridwar for this item, have to apply through Online Registration portal, <https://supplier.bhel.in/>. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website and submit the application for registration. One set of hard copy of the filled up Supplier Registration Form (SRF) downloaded from Online Registration Portal duly signed and stamped has to be submitted.
- Note: Suppliers who are already registered at BHEL, Haridwar in the PMD for this item are exempted for submitting the Supplier registration form.

PART-II: PRICE-BID:

The price Bid (with prices) for the complete scope as specified in price schedule Annexure-I shall be submitted.

The Part-I & Part-II bids shall be individually sealed and super scribed as indicated above and shall be enclosed further in the envelop duly sealed and super scribed as:



PPX-BOI DEPARTMENT
BHARAT HEAVY ELECTRICALS LIMITED
HEEP: HARDWAR-249 403 (Uttarakhand)
FAX: +91 1334 226084/226462
TEL: +91 1334 28 4269/1690

Enquiry No.: B/4011/2016/0913V/2 (EHA WITH SPARES FOR VIJAYWADA PROJECT)
Last date to get technical documents from BHEL: 26.12.2016
Submission Date: 14/01/2017 By 1345 Hrs IST
Opening date/ Due Date: 14/01/2017 at 1400 Hrs
NIT NO.30433

"TENDER FOR (ITEM NAME) AGAINST TENDER NO. ----- DUE ON -----CONTAINING PART-I & PART-II. Vendor's full name and address should be clearly mentioned on the envelope.

29. IMPORTANT NOTE

INSTRUCTION TO BIDDERS & SPECIAL TERMS OF ENQUIRY are to be read and complied along with **GISTC (for both Foreign & Indian Bidders)**. A signed & stamped copy of these documents as a token of acceptance is to be submitted along with the offer. In the event of contradiction of terms and conditions mentioned, the order of preference shall be INSTRUCTION TO BIDDERS & SPECIAL TERMS OF ENQUIRY followed by GISTC (General Instructions and Standard Terms & Conditions against Tender Enquiry).

Deviations (if any) are to be listed separately in deviation sheet. Please note that in case, no- deviation sheet is received along with the offer, it will be considered that all terms and conditions mentioned in above documents are acceptable to the bidder and your offer will be processed accordingly.

PART-I (as per clause 28 above) (Techno-Commercial bid with PQR) will be opened on Due Date and time specified in the Enquiry, or extension thereof, in presence of tenderers who may like to attend. Incomplete offers are liable to be rejected. **Techno-Commercial offer of only those bidders shall be evaluated who meet the Pre-Qualification Requirements (Proveness Criteria) mentioned in our Enquiry and who have submitted the EMD as stipulated in clause 3 above.**

All correspondence thereof, shall be addressed to the following persons:

Mr. Sarvesh Kumar Designation: Sr. Engineer (PPX-BOI) 4 th Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India Email ID: psk@bhelhwr.co.in Tel: +91 1334 28 1690	Mr. Sachin Gupta Designation: AE (PPX-BOI) 4 th Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India Email ID: sgupta@bhelhwr.co.in Tel: +91 1334 28 1690
Mr. Sudarshan Ram Designation: AGM (PPX-BOI) 4 th Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India Email ID: sram@bhelhwr.co.in Tel: +91 1334 28 4269	Mr. S K Baveja Designation: AGM -Incharge(PPX-BOI) 4 th Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India Email ID: skbaveja@bhelhwr.co.in Tel: +91 1334 28 1029



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Enquiry No.:
B/4011/2016/0913V/2
Due Date: ११/०५/२०१६
By 1345 Hrs IST

Annexure-A
PRE-QUALIFICATION REQUIREMENT

Sl.No.	<u>Pre-qualification requirements</u>	Vendor response
1	The vendor should have the experience of Design, Engineering, Manufacturing, Testing & Supply of Electro-hydraulic actuators for main turbine valves for Steam turbine application of name plate MW rating 660 MW or above, at two Steam Turbine units, with parameters listed at point no. 2, 3 & 4 below. In support of experience, vendor to submit details of their past supply in the experience list format as per Annexure-B (copy enclosed).	
2	The applicable main Steam parameters for the Steam Turbine units (referred at point 1 above) shall not be less than as follows: Main Steam pressure (Rated condition) $\geq 247 \text{ kg/cm}^2$ Main Steam temperature (Rated condition) $\geq 565 \text{ deg C}$ Main Steam Flow per valve (Rated condition) $\geq 959 \text{ Tonnes/Hr}$	
3	The normal working pressure of control fluid inside the Electro-hydraulic actuators (referred at point 1 above) should be $\geq 160 \text{ bar}$	
4	The quick closing time (Trip time) of Electro-hydraulic actuators (referred at point 1 above) should be $\leq 170 \text{ Mili second}$.	
5	The vendor should have the experience of satisfactory operation of Electro-hydraulic actuators for main turbine valves (referred at point 1 above) at two Steam turbine units, for minimum one year as on date of bid opening. In support of above, vendor has to submit either of the following: a- Copy of Purchase orders, Test reports of the project and Commissioning protocols at project site; b- Certificates of satisfactory operation from their client / End user.	
6	Operational philosophy of Electro-hydraulic actuators (referred at point 1 above) should be as follows: Oil pressure to open & Spring force to close	
7	The Electro-hydraulic actuators supplied by the vendor (referred at point 1 above) should be operated from an independent Hydraulic power supply unit, which is supplying the oil/FRF to all actuators at pressure $\geq 160 \text{ bar}$.	
8	The vendor should have the in-house testing facilities for testing (like stroke test, timing test, hydraulic test etc.) of Electro-hydraulic actuators for main turbine valves.	
9	Vendor shall confirm supply of servo valve (for CV actuators) suitable for accepting $\pm 50\text{mA}$ command from BHEL's DCS. Servo valves shall be proven and satisfactorily operating in two machines for steam turbine admission control valves application. BOM and commissioning report/ protocol to be furnished in support of provenances.	
10	Vendor shall confirm supply of trip solenoid valves equipped with double coil.	



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Enquiry No.:
B/4011/2016/0913V/2
Due Date: 11/11/2017
By 1345 Hrs IST

Annexure-A
PRE-QUALIFICATION REQUIREMENT

(Experience list format)

<u>Sl. No.</u>		Parameters	<u>Steam Turbine unit 1</u>	<u>Steam Turbine unit 2</u>
1.	Name of the station and its Location		*	*
2.	Client name and its address, Fax no. & Tel. No.		*	*
3.	Name and designation of the responsible person in client's organization		*	*
4.	Contract No. & Date		*	*
5.	Name plate rating in MW of unit	≥ 660 MW	*	*
6.	Starting date of work/ Date of order		*	*
7.	Scheduled supply date		*	*
8.	Actual date of supply		*	*
9.	Date of Commissioning of system/ package		*	*
10.	Whether the system/ equipment are in successful operation as on date of bid opening		*	*
11.	Brief Scope of work		*	*
12.	Designed by		*	*
13.	Manufactured by		*	*
14.	Control fluid used		*	*
15.	Main Steam pressure (Rated condition)	≥ 247 kg/cm²	*	*
16.	Main Steam temperature (Rated condition)	≥ 565 deg C	*	*
17.	Main Steam Flow per valve (Rated condition)	≥ 959 Tonnes/Hr	*	*
18.	Normal working pressure of control fluid	≥ 160 bar	*	*
19.	Operation philosophy	Oil pressure to open & Spring force to close	*	*
20.	Spring type		*	*
21.	<u>EHA's for turbine valves :</u>			
21.1	HP Stop valve actuator:			
a)	Actuator piston diameter		*	*
b)	Piston rod diameter		*	*
c)	Damping stroke		*	*
d)	Total actuator stroke, including over stroke		*	*
e)	Actuator opening time		*	*
f)	Actuator closing time	$\leq 170 \pm 10\%$ ms	*	*
g)	Spring size & no. of springs		*	*
h)	Model no & make of EHA open/close (Pilot) valve		*	*
i)	Model no. & make of EHA solenoid trip valve		*	*
21.2	HP control valve actuator:			
a)	Actuator piston diameter		*	*



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Enquiry No.:
B/4011/2016/0913V/2
Due Date: 01/11/2017
By 1345 Hrs IST

Annexure-A
PRE-QUALIFICATION REQUIREMENT

b)	Piston rod diameter		*	*
c)	Damping stroke		*	*
d)	Total actuator stroke, including over stroke		*	*
e)	Actuator opening time		*	*
f)	Actuator closing time	$\leq 170 \pm 10\% \text{ ms}$	*	*
g)	Spring size & no. of springs		*	*
h)	Model no. & make of EHA Servo valve		*	*
i)	Make and model no. of EHA solenoid trip valves		*	*
21.3 IP stop valve actuator:				
a)	Actuator piston diameter		*	*
b)	Piston rod diameter		*	*
c)	Damping stroke		*	*
d)	Total actuator stroke, including over stroke		*	*
e)	Actuator opening time		*	*
f)	Actuator closing time	$\leq 170 \pm 10\% \text{ ms}$	*	*
g)	Spring size & no. of springs		*	*
h)	Model no & make of EHA open/close (Pilot) valve		*	*
i)	Model no. & make of EHA solenoid trip valve		*	*
21.4 IP control valve actuator:				
a)	Actuator piston diameter		*	*
b)	Piston rod diameter		*	*
c)	Damping stroke		*	*
d)	Total actuator stroke, including over stroke		*	*
e)	Actuator opening time		*	*
f)	Actuator closing time	$\leq 170 \pm 10\% \text{ ms}$	*	*
g)	Spring size & no. of springs		*	*
h)	Model no. & make of EHA Servo valve		*	*
i)	Make and model no. of EHA solenoid trip valves		*	*
21.5 Overload control valve actuator:				
a)	Actuator piston diameter		*	*
b)	Piston rod diameter		*	*
c)	Damping stroke		*	*
d)	Total actuator stroke, including over stroke		*	*
e)	Actuator opening time		*	*
f)	Actuator closing time	$\leq 170 \pm 10\% \text{ ms}$	*	*
g)	Spring size & no. of springs		*	*
h)	Model no. & make of EHA Servo valve		*	*
i)	Make and model no. of EHA solenoid trip valves		*	*

*** Supplier to fill the applicable data in the format.**

Note:



PPX-BOI DEPARTMENT
BHARAT HEAVY ELECTRICALS LIMITED
HEEP: HARDWAR-249 403 (Uttarakhand)
FAX: +91 1334 226084/226462
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Enquiry No.:
B/4011/2016/0913V/2
Due Date: 14/01/2017
By 1345 Hrs IST

Annexure-A
PRE-QUALIFICATION REQUIREMENT

1. Collaborator approved vendors are deemed to have qualified the PQR.

2- Against vendor's replies, BHEL reserves the right to ask for more information / documents/clarifications. Vendor's offer shall not be considered if vendor fails to furnish the document / information / clarifications as mentioned above or vendor doesn't meet the acceptance criteria.

3. BHEL reserves the right to fully satisfy itself regarding capability & capacity of vendor & the proposed arrangement.

- Offer submitted by suppliers will be scrutinized with respect to pre-qualification requirement first. Technical offer of the vendors' not meeting Pre-qualification requirement will not be scrutinized.
- Procurement will be made from customer/ End User (North Karanpura) approved suppliers only.

ANNEXURE-I PRICE SCHEDULE OF ELECTRO HYDRO ACTUATORS FOR VIJAYWADA-V PROJECT (1X800 MW) FOR FOREIGN SUPPLY (i.e. SUPPLY FROM OUT SIDE INDIA)				
SL NO.	DESCRIPTION OF ITEMS	TOTAL QTY (COL 3)	UNIT PRICE (ON FOB BASIS)	TOTAL PRICE (FOR QTY. IN COLUMN 3) FOB
1.	ELECTRO HYDRAULIC ACTUATORS (MATERAIL CODE W90311400132) CONSIST OF FOLLOWING			
1.1	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-250-98-352) FOR HP STOP VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.2	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-200-80-347) FOR HP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.3	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-560-208-92) FOR IP STOP VALVES (VERTICALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.4	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-500-170-104) FOR IP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.5	CONTROL VALVE ACTUATOR WITH COMPLETE CONTROL BLOCK (TYPE: CVA-125-50-324) FOR OVERLOAD CONTROL VALVE (HORIZONTALLY SUSPENDED VALVE);	01 NO		
1.6	SPECIAL TOOLS AND TACKLES FOR ASSLY & DISASSLY. FOR ACTUATORS	01 SET		
2.	MANDATORY SPARES AS PER DRAWING NO. 31140056207 REV.01 (MATERIAL CODE W99311400416)	01 SET		
3.	COMMISSIONING SPARES AS PER DRAWING NO. 41140056502 REV.02 (MATERIAL CODE W90311400140)	01 SET		
4.	TOTAL FOB VALUE FOR THE SCOPE OF SUPPLY MENTIONED ABOVE.	01 SET		
5.	SEA FREIGHT CHARGES UP TO MUMBAI FOR THE TOTAL SCOPE OF SUPPLY MENTIONED ABOVE (DISPATCHES WILL BE AS PER DELIVERY SCHEDULE MENTIONED IN THE NIT)	01 SET		
6.	"PER DAY" CHARGES FOR SUPERVISION OF ERECTION & COMMISSIONING AND TRAINING INCLUDING EVERY EXPENSE.	--		
7.	"PER VISIT" CHARGES DURING SUPERVISION OF ERECTION & COMMISSIONIGN AND TRAINING INCLUDING EVERY EXPENSE	--		

- THE PRICES ARE TO BE SUBMITTED STRICTLY AS PER ABOVE PRICE SCHEDULE AND FOR THE SCOPE OF SUPPLY AS MENTIONED IN THE ENCLOSED DRAWINGS & SPECIFICATIONS, OTHER WISE THE OFFERS OF VENDORS MAY BE IGNORED.
- PRICE COMPARISON WILL BE DONE ON THE TOTAL LANDED COST TO BHEL TAKING ALL ITEMS & SERVICES TOGETHER.
- **IN CASE OF SUPPLIES FROM FOREIGN COUNTRY (SUPPLIES FROM OUTSIDE INDIA) THE PRICES OF EACH AND EVERY ITEM, ARE TO BE QUOTED INCLUSIVE OF THIRD PARTY INSPECTION CHARGES (BY EITHER LLOYDS/BVQI/TUV).**
- IN CASE SPECIAL TOOL & TACKLES ARE NOT OFFERED, THESE WILL HAVE TO BE SUPPLIED FREE OF COST, IF REQUIRED, AT ANY STAGE OF THE PROJECT IN FUTURE.
- **PERDAY AND PER VISIT CHARGES FOR SUPERVISION OF ERECTION & COMMISSIONIGN AND TRAINING ERECTION ARE TO BE QUOTED IN THE PRICE SCHEDULE. FOR SUPERVISION OF ERECTION & COMMISSIONING AND TRAINING, 02 VISITS OF 08 DAYS (INCLUSIVE OF 02 DAYS FOR TRAINING) FOR 01 SET WOULD BE TAKEN FOR THE PURPOSE OF EVALUATION. HOWEVER IN THE EVENT OF ORDERING, THE PAYMENT FOR SERVICES WILL BE MADE ON ACTUAL NUMBER OF DAYS / VISITS INVOLVED IN SUPERVISION OF ERECTION/ COMMISSIONING AND TRAINING.**
- ANYINFORMATION/CLARIFICATION TO AVOID ANY AMBIGUITY AT THE TIME OF EXECUTION OF THE CONTRACT MAY BE OBTAINED WELL IN ADVANCE BEFORE SUBMITTING THEIR TECHNICAL-CUM-PRICED OFFER.

ANNEXURE-I PRICE SCHEDULE OF ELECTRO HYDRO ACTUATORS FOR VIJAYWADA-V PROJECT (1x800 MW) FOR INDEGINOUS SUPPLY (i.e. IN INDIA)				
SL NO.	DESCRIPTION OF ITEMS	TOTAL QTY (COL 3)	UNIT PRICE (Ex-Works including packing & Forwarding)	TOTAL PRICE (FOR QTY. IN COLUMN 3)
1.	ELECTRO HYDRAULIC ACTUATORS (MATERAIL CODE W90311400132) CONSIST OF FOLLOWING			
1.1	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-250-98-352) FOR HP STOP VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.2	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-200-80-347) FOR HP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.3	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-560-208-92) FOR IP STOP VALVES (VERTICALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.4	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-500-170-104) FOR IP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)		
1.5	CONTROL VALVE ACTUATOR WITH COMPLETE CONTROL BLOCK (TYPE: CVA-125-50-324) FOR OVERLOAD CONTROL VALVE (HORIZONTALLY SUSPENDEED VALVE);	01 NO		
1.6	SPECIAL TOOLS AND TACKLES FOR ASSLY & DISASSLY. FOR ACTUATORS	01 SET		
2	MANDATORY SPARES AS PER DRAWING NO. 31140056207 REV.01 (MATERIAL CODE W99311400416)	01 SET		
3	COMMISSIONING SPARES AS PER DRAWING NO. 41140056502 REV.02 (MATERIAL CODE W90311400140)	01 SET		
4	TOTAL VALUE FOR THE SCOPE OF SUPPLY MENTIONED ABOVE.	01 SET		
5	FREIGHT CHARGES UP TO VIJAYWADA PROJECT SITE (DISPATCHES WILL BE AS PER DELIVERY SCHEDULE MENTIONED IN THE NIT)	01SET		
6	"PER DAY" CHARGES FOR SUPERVISION OF ERECTION & COMMISSIONING AND TRAINING INCLUDING EVERY EXPENSE.	--		
7	"PER VISIT" CHARGES DURING SUPERVISION OF ERECTION & COMMISSIONIGN AND TRAINING INCLUDING EVERY EXPENSE	--		

- THE PRICES ARE TO BE SUBMITTED STRICTLY AS PER ABOVE PRICE SCHEDULE AND FOR THE SCOPE OF SUPPLY AS MENTIONED IN THE ENCLOSED DRAWINGS & SPECIFICATIONS, OTHER WISE THE OFFERS OF VENDORS MAY BE IGNORED.
- PRICE COMPARISON WILL BE DONE ON THE TOTAL LANDED COST TO BHEL TAKING ALL ITEMS & SERVICES TOGETHER.
- IN CASE SPECIAL TOOL & TACKLES ARE NOT OFFERED, THESE WILL HAVE TO BE SUPPLIED FREE OF COST, IF REQUIRED, AT ANY STAGE OF THE PROJECT IN FUTURE.
- **PERDAY AND PER VISIT CHARGES FOR SUPERVISION OF ERECTION & COMMISSIONIGN AND TRAINING ERECTION ARE TO BE QUOTED IN THE PRICE SCHEDULE. FOR SUPERVISION OF ERECTION & COMMISSIONING AND TRAINING, 02 VISITS OF 8 DAYS (INCLUSIVE OF 02 DAYS FOR TRAINING) FOR 01 SET WOULD BE TAKEN FOR THE PURPOSE OF EVALUATION. HOWEVER IN THE EVENT OF ORDERING, THE PAYMENT FOR SERVICES WILL BE MADE ON ACTUAL NUMBER OF DAYS / VISITS INVOLVED IN SUPERVISION OF ERECTION/ COMMISSIONING AND TRAINING.**
- ANY INFORMATION/CLARIFICATION TO AVOID ANY AMBIGUITY AT THE TIME OF EXECUTION OF THE CONTRACT MAY BE OBTAINED WELL IN ADVANCE BEFORE SUBMITTING THEIR TECHNICAL-CUM-PRICED OFFER.

NON-DISCLOSURE AND PROPRIETARY INFORMATION AGREEMENT

BETWEEN

_____(Name of the Vendor),, having its registered offices in _____(Address of Vendor), registered under the no. _____ of the Companies' register of _____(Name of Place and Country), capital stock of _____(Value), with a place of business in _____(Name of Place and Country) (hereinafter referred to as "_____(Name of Vendor)");

AND

Bharat Heavy Electricals Ltd a company incorporated under the Indian Companies Act 1956 having its registered offices at BHEL House, Siri Fort, New Delhi -110 049 and having one of its works at Heavy Electrical Equipment Plant, Ranipur, Haridwar-249403 (Uttarakhand), India registered under the No. 4281 of 1964-65 of the companies register of Delhi, capital stock of Rs 4895.2 million with a place of registered office in New Delhi (hereinafter referred to as “BHEL”) hereinafter also referred to individually as “the Party” or collectively as “the Parties”.

BACKGROUND

This Agreement sets forth the rights and obligations of the Parties with respect to the use, handling, protection and safeguarding of Proprietary Information that is disclosed by and between the Parties.

WHEREAS

A) the Parties wish to pursue exploratory discussions concerning a possible collaboration between them in relation to the Program defined in Exhibit 1;

B) during the ensuing discussions and negotiations it may occur that either Party discloses to the other technical, financial or business information of a proprietary or confidential nature, which the Parties intend to protect against, making it available, by any means to any third person, and other unauthorized use and/or further disclosure by the recipient, in accordance with the terms and conditions set forth herein;

NOW, THEREFORE, the Parties have agreed as follows:

1. The term “Proprietary Information” shall mean any information or data of whatsoever kind of a confidential or proprietary nature, including but not limited to, commercial information, know how and technical information in the form of designs, drawings, concepts, requirements, specifications, software, interfaces, components, processes, or the like, that have been or will be disclosed by either Party to the other pursuant to this Agreement, either in writing, orally or other form, which is designated as “Proprietary” or “Confidential” by the disclosing Party by means of formal declaration or an appropriate stamp, legend or any other written or orally notice .
2. Proprietary Information may be conveyed, without limitation, through any written or printed documents, samples, models, electronic form on disk, tape, other storage media or any other means of disclosing such Proprietary Information that either Party may elect to use during the life of this Agreement, but if an originating Party originally discloses information orally or visually, the receiving Party will protect such information as Proprietary Information to the extent that the originating Party :
 - identifies the Information as Proprietary at the time of original disclosure,
 - summarizes the Proprietary Information in writing .

Information stored in electronic form on disk, tape, other storage media will be adequately marked if a proprietary legend displays when the information originally runs on a computer system and when the information is printed from its data file.

Proprietary Information also includes any information which can be obtained by examination, testing or analysis of any hardware or material substance or any component part of such hardware or material substance provided by the Disclosing Party even though the requirements in Clause 1 for marking and designation have not been fulfilled.

3. Each Party, to the extent of its rights to do so, shall disclose to the other only the Proprietary Information which the disclosing Party deems appropriate to fulfil the objectives of this Agreement. The Parties hereby represent that the disclosure of Proprietary Information by and between themselves shall be made in compliance with, and subject to the laws and regulations of the Disclosing Party's country.
4. The receiving Party hereby agrees and covenants that, from the effective date of this Agreement until the expiry date as per article 11 and the following period as per article 12, the Proprietary Information that either Party receives from the other shall:
 - a) be protected and kept in strict confidence by the receiving Party which must use the same degree of care it uses to protect its own confidential information and in no case less than a reasonable care;
 - b) be only disclosed to and used by those persons within the receiving Party's organization or that of its parent or controlled companies who have a need to know and solely for the purposes specified in this Agreement, and be treated by such persons or entities with the same degree of care and subject to the same restrictions;
 - c) to procure that each third party to whom Proprietary Information is disclosed under this Agreement is made aware of the provisions of this Agreement prior to such disclosure to it and that each such third party is

bound by obligations of confidentiality which are no less onerous than those contained in this Agreement;

- d) neither be disclosed nor caused to be disclosed or made available, either directly or indirectly, to any third Party or persons other than those mentioned in subparagraph b) above or other persons upon which both of the contractual Parties shall agree in an amendment to this Agreement;
- e) not to copy, reproduce or reduce to writing any part of such Proprietary Information except as may be reasonably necessary for the purpose referred to in the Recitals of this Agreement

PROVIDED THAT the Receiving Party shall be entitled to make any disclosure required by court order or government or regulatory requirement of the Disclosing Party's Proprietary Information subject to notifying the Disclosing Party as soon as possible of such requirement

- 5. Any Proprietary Information and copies thereof disclosed by either Party to the other shall remain the property of the disclosing Party and shall be immediately returned or destroyed by the receiving Party upon request.
- 6. The receiving Party shall have no obligations or restrictions with respect to any Proprietary Information for which the receiving Party can prove that:
 - a) is in or which comes into the public domain otherwise than as a result of a breach of this Agreement by any person to whom a disclosure of Proprietary Information is made as permitted under this Agreement or of any other duty of confidentiality relating to the Proprietary Information of which the Receiving Party has knowledge; or
 - b) it has been in its possession without restriction at the time of the disclosure, as evidenced by written documentation in its files; or
 - c) it has been lawfully received from a third Party without breach of this Agreement; or

- d) it has been or is published without violation of this Agreement; or
 - e) it has been independently developed in good faith by employees of the receiving Party who did not have access to the Proprietary Information; or
 - f) it has not been properly declared, designated or confirmed as Proprietary or Confidential; or
 - g) the protection period has expired according to articles 11 and 12 of this Agreement.
7. With respect to any exchange of Proprietary Information which may occur as a result of this Agreement, it is expressly understood and agreed that the persons listed in Exhibit 2 shall, on behalf of the respective Parties, be the exclusive individuals authorized to receive from and transmit to the other Party Proprietary Information under this Agreement. Each Party may replace at any time its respective authorized individuals identified in such Exhibit 2, within its own organization. Any such new designation by a Party shall be made by written notice to the other at the address indicated in such Exhibit 2.
8. Any Proprietary Information which is identified as “Classified Information”, or whose export is subject to an export license, shall be identified as such by the disclosing Party at the time of disclosure and the disclosure, protection, use and handling thereof, shall remain subject to the security procedures and restrictions imposed by the disclosing Party's Government.
9. The disclosure of Proprietary Information under this Agreement by either Party to the other shall not be construed as granting to the receiving Party any right, whether express or implied by licence or otherwise, on the matters, inventions or discoveries to which such information pertains, or as granting any trademark, patents, copyrights, trade secret right or other form of intellectual property right.

10. Nothing in this Agreement may be construed as an obligation of either Party to disclose any Proprietary Information to the other, or to enter into any subsequent contractual relationship with such other Party.
11. This Agreement covers the exchange of Proprietary Information which may be made by either Party to the other until ten years from signing of the agreement or any extension thereto which may be agreed upon by the Parties in writing. Proprietary information relevant to the Program detailed in Exhibit 1, already made available to the other contractual Party before the effective date, shall also be protected under this Agreement.

It is understood by the parties that, prior to disclosure, the Disclosing Party shall have obtained any government authorisation needed for the export of the Proprietary Information

12. The expiry of the period contemplated in Article 11 of this Agreement shall not relieve the receiving Party from complying with the obligations imposed by Article 4 here above with respect to the use and protection of the Proprietary Information, received prior the date of such expiry, for a period of ten (10) years after such expiry.
13. The Parties are independent contractors. Each will bear all costs and expenses in connection with this Agreement. This Agreement is intended to facilitate only the exchange of Proprietary Information and is not intended to be, and shall not be construed to create a teaming agreement, joint venture, association, partnership, or other business organisation or agency arrangement and no Party shall have the authority to bind the other without the other Party's separate prior written agreement .
14. This Agreement shall be governed by and shall be interpreted in accordance with the substantive Indian laws. Irrespective of the foregoing each Party shall remain

bound by the provisions of its own national laws and regulations with respect to the transfer or use of Classified Information or information whose export is subject to an export license.

15. All disputes among the Parties, in connection with or arising out of the existence, validity, construction, performance and termination of this Agreement (or any terms thereof), which the Parties are unable to resolve among themselves, shall be finally settled by an Arbitration. The Arbitration shall be held in Haridwar (India), in English language, in accordance with the rules laid down in the arbitration and reconciliation act of India.
16. The foregoing constitutes the entire Agreement among the Parties with respect to the subject matter hereof and supersedes and cancels all prior representations, negotiations, commitments, undertakings, communications, either oral or written, acceptances, understandings and agreements among the Parties with respect to or in connection with any of the matters to which such Agreement applies or refers.
17. Notices to _____ **(Name of Vendor)** shall be made at the following address:

(Complete Address of Vendor)

Attention: Mr. _____ **(Name of the Authorised Person of Vendor)**

Notices to BHEL shall be made at the following address:

BHARAT HEAVY ELECTRICALS LIMITED,
HEAVY ELECTRICAL EQUIPMENT PLANT,
Ranipur, Haridwar-249403 (Uttarakhand), India

Attention: _____ **(Name of the PPX Incharge)**

18. The effective date of this Agreement shall be the date of the last signature appearing herein.

IN WITNESS WHEREOF, each of the Parties has caused this Agreement, to be executed by its duly authorized officer.

Date :

Signed for and on behalf of

Signed for and on behalf of

(Name of Vendor)

BHEL

By:

By:

Title:

Title:

Signature:

Signature:

EXHIBIT 1

to the

NON-DISCLOSURE AGREEMENT

between

_____(**Name of Vendor**)

and

BHARAT HEAVY ELECTRICALS LIMITED

dated:

The Non Disclosure Agreement covers the exchange of Proprietary Information which may occur during the discussions and negotiations in view of a possible cooperation between the Parties in the following programs:

-Description of Material or Services for which the order is placed

_____(**Name of Vendor**) list of products that require an exchange of Proprietary Information which may be occur during the discussions and negotiations in view of a possible cooperation for the above programs :

EXHIBIT 2

to the
NON-DISCLOSURE AGREEMENT
between

_____ **(Name of Vendor)**

and
Bharat Heavy Electricals Ltd.

dated:

Personnel of the Parties authorized to receive and/or transmit Proprietary Information
under this Agreement:

For **(Name of Vendor)**

(Name of Person)

Tel.

Fax

Address.

For Bharat Heavy Electricals Ltd.

Mr.

Tel. 01334

Fax 01334

Address. Main Administration Building

BHEL, HEEP, Haridwar

India

Mr.

Tel. 01334

Fax 01334

Address. Main Administration Building

BHEL, HEEP, Haridwar

India

Tel.

Fax

Address.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version April-2016)

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1. GENERAL.

These general terms & conditions shall apply to all the Tender Enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., HEEP, Haridwar (hereinafter referred to as BHEL or the Purchaser).

2. ORIGIN OF QUOTATION.

- a) The quotation should preferably be from the principal bidder. However tender specific authorized registered dealer/agent can also submit the bid on their behalf, failing which the quotation is liable to be ignored. BHEL prefers to deal directly with the principal manufacturers.
- b) An agent cannot quote on behalf of more than one principal in the same Tender Enquiry.

3. SUBMISSION OF TENDER.

- a) Bid/Quotation must be enclosed in sealed cover on which tender enquiry number and the due date MUST BE written and be invariably sent under REGISTERED POST / SPEED POST / COURIER/Dropped in the Tender Box: addressed as follows:-

Quotation Against Enquiry No. _____

Dated: _____

Due on: _____

To,
THE HEAD OF MATERIAL MANAGEMENT,
Heavy Electrical Equipment Plant,
Bharat Heavy Electricals Limited,
HARIDWAR-249403 (Uttarakhand), INDIA.

- b) In case of Three/Two Part Bid, technical bid containing technical offer, duly signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price should be kept in a separate envelope. All envelopes indicating Part-1 or Part-2 or Part-3 as the case may be to be put in a bigger envelope. Please note that un-priced bid should be the exact replica of price bid but without prices.
- c) The bid/quotation must be posted before due date, keeping allowance for postal transit time. Alternatively, the tenders duly sealed and super-scribed as above may be deposited in the Tender Box. Quotations sent by any mode but not received in time will be ignored. Tender received through authorized E-mail is also acceptable. However, in time submission of tender in tender box shall be the responsibility of the bidder, sent through any mode. Documents submitted with the offer/bid shall be signed and stamped in each page by authorized representative of the bidder.
- d) Any additional documents submitted by supplier/bidder, during processing of registration application / tender or after placement of order shall not be accepted unless it is submitted with forwarding letter and duly signed and stamped as mentioned above in clause c.

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version April-2016)

e) The bids of the bidders who are on the banned list and also the bids of the bidders, who engage the services of the banned firms, shall be rejected. The cutting/overwriting in the bid/offer must be duly attested by the signatories to the bid. The list of firms banned by BHEL is available on BHEL web site www.bhel.com. f) Being PMD vendor, if you are not quoting against this tender enquiry, please send your regret letter positively for our reference with valid reasons for not participating in the tender enquiry. Repeated lack of response on the part of bidder may lead to deletion such PMD vendor from BHEL's approved vendor list. g) The bidders will submit Integrity Pact, duly signed by its authorized signatory, along with their bids wherever estimated tender value is Rs. 5 Crore or more. h) In case of open tender, the unregistered bidder shall submit inter alia duly filled-in Supplier Registration Form (SRF) along with the bid. Bidders can download the SRF from www.bhel.com i) BHEL reserves the right to award tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders). BHEL can also consider awarding of part of the tendered quantity to other than L-1 bidder at L1 counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for. j) BHEL may also reduce the Tender Quantity for offering it to Micro & Small Enterprise (MSE) Indian Vendors as per applicable Government of India rules whose prices are within 15% of L1 prices as per directives of Government of India. 4. TENDER OPENING. Tender opening is scheduled to start in the Tender Room at 2:00 PM, on the due date. Therefore bid/quotations must reach this office / tender Box latest by 1:45 PM on due date. Only participating bidders are allowed to attend tender opening. <u>TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.</u> The bidders or their authorized representatives (contd. --)	(-- contd.) may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter, for price bid opening on that particular day. General authorization letter is not acceptable. 5. SPECIFICATION, DRAWINGS & STANDARD. a) Bidders must give their detailed specification in the quotation along with relevant technical literature/catalogue etc. against the tender enquiry. b) The Bid should be accompanied with relevant copies of catalogues, drawings or specification as per tender enquiry. If these documents are not furnished, the offer is liable to be rejected. c) Wherever national/international (N/IN) standards are referred, the latest N/IN standards are to be followed. Mention year & date of standard revision that shall be followed for the supply. d) All Drawings and Standards are proprietary of BHEL. It must not be used in anyway detrimental to the interest of the company. 6. PRICE SCHEDULE. a) Kindly quote your prices in figures and words both. In case of any discrepancy in value, the prices quoted in words shall be considered for evaluation and establishing L1 status. b) Prices quoted should not be more than the prices quoted to any other BHEL units/offices/divisions. Vendor to submit copy of latest Purchase Order placed by any unit of BHEL for similar items in the technical bid. In case no order has been placed on such items, specific confirmation that no order has been placed on such items should be provided. c) Bidders need to quote their prices on CFR any sea port in Mumbai or FCA basis to the named airport in Euro/USD/JPY/UK Pound/SF/Singapore Dollar or any other Internationally freely tradable currency only. The name of the currency should be clearly indicated in your bids.
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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version April-2016)

d) Offers received other than CFR basis may result in non consideration of such bids. e) However if BHEL agrees to accept the FOB condition, to arrive at landed cost at our plant/site, the FOB prices shall be loaded for 3% (of FOB Value) towards marine insurance, port handling charges & inland freight or actual freight / port handling charges as per BHEL contract whichever is higher . f) Basis of Evaluation for Bid/Quotation in foreign currency: - Currency exchange rate (TT selling rates of SBI) for evaluation of the bid/quotation received in foreign currency will be as follows: - Single part bid – Date of tender opening. - Two / Three part bid – Date of part 1 opening. - Reverse auction – Date of part-1 opening. g) Evaluation of Indian Agents Commission: - BHEL prefers to deal directly with foreign bidder, wherever required, for procurement of Goods. However if the Foreign Principal desires to avail services of an Indian Agent then the Principal should ensure compliance to applicable guidelines. - The FOB / CIF price quoted will be deemed to be inclusive of Indian Agency commission. Agency commission if payable shall be converted to Indian Rupees at TT buying rates of exchange ruling on tender opening date which shall not be subjected to any further exchange rate variation, as disclosed by the bidder in his quoted FOB / CIF price will be paid in Indian Rupees on receipt & acceptance of Materials or it's installation at destination, as the case may be. The lower of the TT buying rate prevailing on the date of technical bid opening shall be considered for computation of Agency commission. - In a tender either the Indian Agent on behalf of Principal / OEM or the Principal / OEM itself can bid, but both cannot bid simultaneously for same item / product in the same Tender. If both OEM and its authorized agent submit their bids separately in that case only the offer of OEM can be considered as an exception.	h) While submitting your bids please clearly indicate: - Expected weight of goods (lots wise). - The size of packed goods. - Whether the goods can be dispatched in containers? - Port of Loading. - Port of Discharge. 7. REVERSE AUCTION. a) BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after Techno-Commercial Evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides for RA. Detailed guidelines available at our site www.bhel.com b) In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-Submission of 'online sealed bid' by the bidder will be considered as tempering of the tender process and will invite action by BHEL as per extant guidelines in vogue. 8. DELIVERY TERMS. a) Goods shall be dispatched by sea, unless stated otherwise in the tender enquiry or purchase order. b) In the event of bidder offering CFR delivery terms for delivery in FCL (Full Container Load), the bidder shall provide 21 days' time free of detention for General Purchase Container/High Cube Container and 14 days for the other types from the date of delivery at delivery port. Wherever the detention free period offered is less than the above specified period, the consequential cost at port of clearance shall be to the account of the bidder. Number of detention free days must be mentioned on Bill of Lading (BL).
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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version April-2016)

c) In case of CFR delivery, Port congestion charges or any additional charges claimed by shipping line till delivery at destination port shall be to the bidder's account. d) Specifically confirm your agreement to change the mode by Air at BHEL's request as per mutually agreed terms even after placement of Purchase Orders. e) The Trans-shipment is not permissible in case of Break Bulk Cargo. In rest of the case Trans-shipment condition in BHEL purchase order / letter of credit will be as per Uniform Custom and Practice for documentary credits, UCP 500 of International Standard Bank proceed re-issued by International chamber of Commerce (ICC). f) No demurrage / godown rent will be payable to the vendor / vendor's transporter for any delay in payments attributable to the vendor. g) The shipping line should be ready to move the containers to consignees nominated CFS (Container Freight Station) yard and Indian agent of shipping line should issue Cargo Arrival Notice (CAN) 7 days in advance to filing the IGM (Import General Manifest) at discharge port. h) In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel. i) A certificate of origin (COO) sanctioned in country of origin from chamber of commerce of the manufacturing country is mandatory to be provided. However a certificate of origin (COO) from the countries under the restricted list of Govt. of India will not be acceptable. j) For reasons of delay in receipt of documents from suppliers or due to the same being found to be incomplete, and/or faulty, the suppliers shall be responsible to reimburse in all demurrages/ wharfages. if any; paid by BHEL (for stated reasons). k) The invoices being issued by shipping lines must be in the name of BHEL. Otherwise, BHEL will have to forego Input Credit on Service tax.	l) While booking the shipment, bidder to also finalize <u>destination charges</u> and the same should appear over BL or agreed tariff to be provided to BHEL before arrival of shipment. m) If cargo is stuffed in container then the same should be allowed to be moved to CFS of importers choice without any additional charges. n) Load port charges shall be settled by the supplier and not be passed on to BHEL in form of destination charges. o) NNDs (preferably with OBLs) should be sent at least 7 days in advance i.e. 7 days before the arrival of vessel so as to enable BHEL to move the containers to JWC CFS. p) Information related to OBL/AWB Documents: I. Consignee name and address should be same as mentioned in the Purchase order. II. Notify party : Name and address will be as follows:(For discharge port Mumbai or Nhava Sheva) Bharat Heavy Electricals Limited 14th Floor World Trade Centre-1, Cuffe Parade, Colaba, Mumbai -400005 Email: msseahwr@bhel.in and ppximx@bhelhwr.co.in (in case of Sea Shipments) Email: kkant@bhel.in; salvi@bhel.in, Sunil.patil@bhel.in (in Case of Air shipments) For latest updation please refer our web site: www.bhelhwr.co.in III. OBL should clearly mention the Indian agent address and contact details. IV. OBL should be issued as per UCP 600. V. In case of incoterms other than FOB, OBL should mention the container detention free period.
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HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

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9. PENALTY FOR LATE DELIVERY.

- a) Date of delivery will be considered as per the delivery terms mentioned in the Purchase Order. Penalty will be applicable on total order value @0.5% per week or part thereof subject to maximum of 10% of the PO value unless otherwise specified in Special Conditions of tender enquiry. Acceptance / Non Acceptance of this CONDITION must be specifically mentioned in your quotation. Any deviation from this will be loaded accordingly i.e. BHEL shall load maximum penalty under penalty for late delivery Clause, to the extent the same is not agreed by the bidder, for the purpose of evaluation.
- b) Bidders are requested to quote the best delivery meeting the delivery requirements. BHEL reserves the right to reject the offers not meeting BHEL's delivery requirement.
- c) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.
- d) Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order.
- e) The delivery date for penalty purpose will be the Bill of Lading Date/Air way bill.

10. PAYMENT TERMS.

- a) BHEL's standard payment term is Payment After Receipt and Acceptance of Material/Item at HEEP, BHEL-Store or at desired destination unless otherwise specified in Special Terms attached to the tender enquiry.
- b) BHEL reserves the right to accept or reject the offer of the bidder who quotes the payment term other than BHEL's standard payment term.
- c) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar.
- d) Where the payments are through bank, the documents may be presented for negotiation through BHEL designated banks which will be specified in Purchase order. Documents should be submitted within 5 day of vessel sailing and receipt of OBL from shipping line.

- e) In case BHEL agrees for payment through LC, the same shall be irrevocable, unconfirmed and will be opened 60 days prior to the scheduled delivery and will be valid for a period of 90 days.

11. BANK GUARANTEE.

In case the bank guarantees are required to be deposited towards security deposit/performance guarantee or for any other purpose as per the terms of this tender enquiry, such bank guarantees of the requisite value in the denominated currency of the purchase order should be from one of the Indian branch of BHEL consortium banks and the bank guarantee should be in the proforma as prescribed by BHEL. The proforma of bank guarantee and the list of consortium banks are displayed at BHEL website www.bhelhwr.co.in. However, in case the bank guarantee is not from BHEL consortium banks, then the bidder has to get the bank guarantee confirmed from one of the Indian branch of BHEL consortium banks and the bank charges for such confirmation will be borne by the bidder.

12. GUARANTEE / WARRANTY AND CORRESPONDING REPAIRS / REPLACEMENT OF GOODS.

- a) Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, the warranty shall be for a period of 12 months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Seller at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores / designated destination basis) within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Seller. In case the defects attributable to Seller are detected during processing of the goods at BHEL or our subcontractor's works, the Seller shall be responsible for free replacement / repair of the goods as required by BHEL.

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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b) In case the material is rejected, then date of replacement will be considered as the actual date of delivery. c) The bidder shall have to pay 5% incidental charges while taking back supplied material if it is found rejected on receipt. The rejected material shall be sent back only after receipt of replacement /submission of BG/refund of amount paid. 13) QUALITY REQUIREMENT. Your bid/quotation should have specific confirmation regarding meeting all our quality requirements such as. (i) Test Certificate (TC), (ii) Guarantee Certificate (GC) / Warranty Certificate (WC), (iii) Quality Plan (QP) (if applicable); and (iv) Pre-Dispatch Inspection at your works (if applicable). 14. VALIDITY. The quotation should be valid for a minimum period of 90 days effective from the date of opening of tender, unless otherwise specified in the tender enquiry. 15. RIGHT OF ACCEPTANCE. a) BHARAT HEAVY ELECTRICALS LIMITED HARIDWAR reserves the right to reject any or all the bids/quotations without assigning any reason thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Bidders should be prepared to accept order for reduced quantity without any extra charges. b) Any discount/revised offer/bids submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer/bid submission (Part-1). Conditional discounts shall not be considered for evaluation of tenders. c) Unsolicited discounts/revised offers/bids given after Part-1 bid opening shall not be accepted. No change in price will be permitted within the validity period asked for in the tender enquiry.	d) In case of changes in scope and/or technical specification and/or commercial terms & conditions having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for, then latest price bid shall prevail. However in both situations, original price bid will be necessarily opened. e) The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after finalization of contract. EMD shall be forfeited in the event of bidder opting out after tender opening. f) BHEL reserves the right to short close the existing Purchase Order / Rate Contract / Work Order or any extension thereof at any stage. 16. TRANSIT INSURANCE. a) Transit Insurance will be covered by BHEL under its open Marine Insurance Policy. Seller shall inform dispatch particulars (Purchase Order, RR/GR/BL/AWB, Invoice value etc.) to "Finance department (Store bill Section), BHEL Ranipur Haridwar (Uttarakhand -India) with value of consignment to the Purchaser within 07 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of seller to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser. b) If Quoted Prices are inclusive of transit insurance, no weightage shall be given while evaluating the bids for Cost of Insurance, being in BHEL Scope. 17. PHYTOSANITARY CERTIFICATE: a) As per the Indian Law, all consignments being imported into India by air/sea require a phytosanitary certificate from the country of origin-if articles have been packed with wooden packaging materials. This is mandatory. Please confirm in your offer/dispatch documents that the required phytosanitary certificate will be submitted.
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- b) Packaging material means any kind of material of plant origin used for packing which include hay, straw wood shavings, wood chips, saw dust, wood waste, wooden pallets, dunnage mats, wooden packages, coir pith, peat or sphagnum moss etc.

18. RISK PURCHASE.

In case of abnormal delays (beyond the maximum late delivery period as per Penalty clause) in supplies / defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract.

19. FORCE MAJEURE CLAUSE.

- a) Either party shall be entitled to suspend/cancel performance of his obligations under the contract without any cost to the other party, to the extent that such performance is impeded or made unreasonably onerous by any of the following circumstances: fire, war, flood, riots, earthquake, any other act of God, change in Government Policies, terrorist attack etc. or any other circumstances beyond the control of either party which inter alia include cancellation, suspension of order by end customer due to Force Majeure conditions.
- b) The party claiming to be affected by force majeure shall notify the other party in writing immediately without delay on the intervention and on the cessation of such circumstances.
- c) Regardless of what might otherwise follow from these general conditions, either party shall be entitled to terminate the contract by notice in writing to the other party if performance of the contract remains suspended under Clause Force Majeure for more than six months.

- d) If the war like situation has developed in a country where a bidder's works involved in this tender is located or there is political instability and Indian Embassy located in that country forbids or advises for not having any business dealing with the bidders located in such zone / region/ country, then the offer of such bidders shall be rejected. BHEL reserves the right to cancel the order in case the order has already been placed and suspend further dealings till normalcy in the country/ region is confirmed by the Indian embassy located in the affected country.

20. NON-DISCLOSURE AGREEMENT.

All Drawing and Technical Documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.

21. SETTLEMENT OF DISPUTES/ARBITRATION.

Any dispute/difference arising out of or in connection with this contract, including any question regarding its existence, validity or termination, shall be referred to and finally resolved by arbitration under the Arbitration and Conciliation Act, 1996 of India by a Sole Arbitrator to be appointed with mutual consent of the parties. Such Sole Arbitrator shall be either a retired judge of Supreme Court or High Court or District Court of India or some Advocate having practiced in Indian Courts. The seat or place of arbitration shall be New Delhi, India. The language to be used in the arbitration shall be English. (Contd.--)

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)

For Foreign Bidders (Version April-2016)

(-- contd.) The governing law of the contract shall be the substantive law of India. In case the parties fail to agree on the appointment of arbitrator within 2 months of the notice invoking arbitration by one party, then the arbitrator shall be appointed in accordance with the Arbitration and Conciliation Act, 1996 of India.

JURIDICION: The courts of Haridwar, India, shall have exclusive jurisdiction.

22. INFORMATION TO THE BIDDERS.

- a) Purchase related information is available at our Business-to-Business (B2B) Portal available on our website www.bhelhwr.co.in. The user ID & password can be obtained by sending a request to concerned purchase executives.
- b) Intimate your change in mail address or communication address or changes, if any, by email to ppx_idx@bhelhwr.co.in giving your bidder Code.
- c) Please resolve your rejections and unexecuted overdue purchase order immediately which are posted at our B2B Portal, which can be visited through our site www.bhelhwr.co.in.
- d) Copy of this Tender Enquiry is being sent through the post.
- e) Invoice description and Unit of measurement should be strictly in accordance with Purchase order.
- f) Unit of measurement for dimension and weight should be in metric system only.

23. NOTE.

- a) Special conditions of enquiry, if enclosed, will supersede the standard/general terms of enquiry.
- b) Any other Standard terms and Conditions of the bidder attached/referred against the tender enquiry will be treated as null and void ab initio.

Quotations / Bids not in accordance with General Instructions and Standard Terms & Conditions are likely to be ignored.



BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)
For Indian Bidders (Version April-2016)

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1. GENERAL.

These general terms & conditions shall apply to all the Tender Enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., HEEP, Haridwar (hereinafter referred to as BHEL or the Purchaser).

2. ORIGIN OF QUOTATION.

- a) The quotation should preferably be from the principal bidder. However tender specific authorized registered dealer/agent can also submit the bid on their behalf, failing which the quotation is liable to be ignored. BHEL prefers to deal directly with the principal manufacturers.
- b) An agent cannot quote on behalf of more than one principal in the same Tender Enquiry.

3. SUBMISSION OF TENDER.

- a) Bid/Quotation must be enclosed in sealed cover on which tender enquiry number and the due date MUST BE written and be invariably sent under REGISTERED POST / SPEED POST / COURIER/Dropped in the Tender Box: addressed as follows:-

Quotation Against Enquiry No. _____

Dated: _____

Due on: _____

To,
THE HEAD OF MATERIAL MANAGEMENT,
Heavy Electrical Equipment Plant,
Bharat Heavy Electricals Limited,
HARIDWAR-249403 (Uttarakhand), INDIA.

- b) In case of Three/Two Part Bid, technical bid containing technical offer, duly signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price should be kept in a separate envelope. All envelopes indicating Part-1 or Part-2 or Part-3 as the case may be to be put in a bigger envelope. Please note that un-priced bid should be the exact replica of price bid but without prices.
- c) The bid/quotation must be posted before due date, keeping allowance for postal transit time. Alternatively, the tenders duly sealed and super-scribed as above may be deposited in the Tender Box. Quotations sent by any mode but not received in time will be ignored. Tender received through authorized E-mail is also acceptable. However, in time submission of tender in tender box shall be the responsibility of the bidder, sent through any mode. Documents submitted with the offer/bid shall be signed and stamped in each page by authorized representative of the bidder.
- d) Any additional documents submitted by supplier/bidder, during processing of registration application / tender or after placement of order shall not be accepted unless it is submitted with forwarding letter and duly signed and stamped as mentioned above in clause c.

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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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e) The bids of the bidders who are on the banned list and also the bids of the bidders, who engage the services of the banned firms, shall be rejected. The cutting/overwriting in the bid/offer must be duly attested by the signatories to the bid. The list of firms banned by BHEL is available on BHEL web site www.bhel.com. f) Being PMD vendor, if you are not quoting against this tender enquiry, please send your regret letter positively for our reference with valid reasons for not participating in the tender enquiry. Repeated lack of response on the part of bidder may lead to deletion such PMD vendor from BHEL's approved vendor list. g) The bidders will submit Integrity Pact, duly signed by its authorized signatory, along with their bids wherever estimated tender value is Rs. 5 Crore or more. h) In case of open tender, the unregistered bidder shall submit inter alia duly filled-in Supplier Registration Form (SRF) along with the bid. Bidders can download the SRF from www.bhel.com i) BHEL reserves the right to award tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders). BHEL can also consider awarding of part of the tendered quantity to other than L-1 bidder at L1 counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for. 4. TENDER OPENING. Tender opening is scheduled to start in the Tender Room at 2:00 PM, on the due date. Therefore bid/quotations must reach this office / tender Box latest by 1:45 PM on due date. Only participating bidders are allowed to attend tender opening. <u>TENDERS RECEIVED AFTER THE SPECIFIED TIME OF THEIR 'SUBMISSION' WILL BE TREATED AS LATE TENDERS AND SHALL NOT BE CONSIDERED UNDER ANY CIRCUMSTANCES.</u> The bidders or their authorized representatives may be allowed to attend tender opening if duly authorized by their principals, through a tender specific letter, for price bid opening on that particular day. General authorization letter is not acceptable.	5. SPECIFICATION, DRAWINGS & STANDARD. a) Bidders must give their detailed specification in the quotation along with relevant technical literature/catalogue etc. against the tender enquiry. b) The Bid should be accompanied with relevant copies of catalogues, drawings or specification as per tender enquiry. If these documents are not furnished, the offer is liable to be rejected. c) Wherever national/international (N/IN) standards are referred, the latest N/IN standards are to be followed. Mention year & date of standard revision that shall be followed for the supply. d) All Drawings and Standards are proprietary of BHEL. It must not be used in anyway detrimental to the interest of the company. 6. PRICE SCHEDULE. a) Kindly quote your prices in figures and words both. In case of any discrepancy in value, the prices quoted in words shall be considered for evaluation and establishing L1 status. b) Prices quoted should not be more than the prices quoted to any other BHEL units/offices/divisions. Vendor to submit copy of latest Purchase Order placed by any unit of BHEL for similar items in the technical bid. In case no order has been placed on such items, specific confirmation that no order has been placed on such items should be provided. c) Prices should be quoted on F.O.R. Destination basis. Transit insurance shall be arranged by BHEL and not to be included in the prices. The offers quoted on other than F.O.R destination basis may result in non consideration of such bids. d) In case BHEL accepts the EX-Works prices such offers will be loaded by 1.5% of EX-Works value towards freight or with actual freight charges as per BHEL freight rate contract whichever is higher.
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e) In case of Indigenous items covered by DGS & D Rate Contract, the bidders should submit latest valid copy of the rate contract along with bid / quotation f) Applicable Sales Tax, Excise Duty and any other statutory levy should be indicated separately and clearly in the bid/quotation. g) Bidders can despatch goods through any Indian Bank Association approved transporters having their branch at HARIDWAR/destination. If material is despatched through other than Indian Bank Association approved transporter, material to be delivered on door delivery BHEL Stores basis. h) In case of despatch of material through any other unapproved transporter, payment shall be made only after receipt of material and any additional charges payable to the transporter shall be to the bidder's account. i) No demurrage / godown rent will be payable to the vendor / vendor's transporter for any delay in payments attributable to the vendor. 7. REVERSE AUCTION. a) BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after Techno-Commercial Evaluation. All bidders to give their acceptance for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides for RA. Detailed guidelines available at our site www.bhel.com b) In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-Submission of 'online sealed bid' by the bidder will be considered as tempering of the tender process and will invite action by BHEL as per extant guidelines in vogue.	8. DELIVERY TERMS. a) Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the tender enquiry. b) Loading on account of 3rd party inspection charges in case of Indian bidders shall be 0.20%. 9. PENALTY FOR LATE DELIVERY. a) Date of delivery will be considered as per the delivery terms mentioned in the Purchase Order. Penalty will be applicable on total order value @0.5% per week or part thereof subject to maximum of 10% of the PO value unless otherwise specified in Special Conditions of tender enquiry. Acceptance / Non Acceptance of this CONDITION must be specifically mentioned in your quotation. Any deviation from this will be loaded accordingly i.e. BHEL shall load maximum penalty under penalty for late delivery Clause, to the extent the same is not agreed by the bidder, for the purpose of evaluation. b) Bidders are requested to quote the best delivery meeting the delivery requirements. BHEL reserves the right to reject the offers not meeting BHEL's delivery requirement. c) Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone. d) Bidder shall deliver the goods in the manner and schedule agreed under the terms and conditions of Purchase order. e) <u>DELIVERY IN CASE OF REJECTION:</u> In case the material is rejected, then date of replacement will be considered as the actual date of delivery. f) <u>DELIVERY AGAINST BANK DOCUMENTS:</u> In case payment terms quoted by bidder are documents through bank, and the delivery terms being "FOR Haridwar/FOR Transporter Godown", then date of delivery will be date of intimation by transporter/bidder of delivery of material at Haridwar for the penalty purpose.
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g) Where the payments are through bank, the documents may be presented for negotiation to BHEL authorized/nominated bank. 10. PAYMENT TERMS. a) BHEL's standard payment term is Payment After Receipt and Acceptance of Material/Item at HEEP, BHEL-Store or at desired destination unless otherwise specified in Special Terms attached to the tender enquiry. b) BHEL reserves the right to accept or reject the offer of the bidder who quotes the payment term other than BHEL's standard payment term. c) Loading on account of deviation in payment terms shall be done as per extant rules of BHEL-Haridwar. 11. TAXES & DUTIES. a) If PAN (Permanent Account Number) of the recipient is not available, tax is deductible either at the normal rate or at the rate of 20 percent, whichever is higher. As per Section 206AA of Indian Income Tax Act 1961. b) The bidder shall clearly indicate extent of taxes as applicable in his technical bid. c) All forms as required by Law to avail concessional tax benefits are to be submitted within the stipulated time. BHEL reserves the right to withhold the payment due to the bidder or deduct the payment equivalent to additional tax and other liability on BHEL due to non/late submission of above forms. d) Bidder to quote place from where supply of goods is expected, to evaluate us applicable Value Added Tax input credit. Any subsequent changes in this may affect availability of input credit to BHEL; the same will be on bidder's account. e) In case of intra-state sale, bidder to ensure quoting TIN Number of BHEL applicable in the state of transaction and same should be asked by bidder in time. f) Rate of Excise Duty, CST/VAT and Service Tax must be indicated in offer even if it is inclusive.	g) Taxes & duties as applicable at the time of supply shall be payable. h) <u>IMPORTED GOODS OFFERED BY INDIAN BIDDERS AGAINST DEALER INVOICE:</u> Wherever the material being offered is imported, bidder must quote the prices inclusive of CVD. The rate & value of CVD as included in the price must be indicated separately. In case quantum of CVD is not mentioned by the bidder the same will not be considered for evaluation. However bidder will have to pass on the benefit of CVD to BHEL at the time of actual supply. 12. BANK GUARANTEE. In case the bank guarantees are required to be deposited towards security deposit/performance guarantee or for any other purpose as per the terms of this tender enquiry, such bank guarantees of the requisite value in the denominated currency of the purchase order should be from one of the Indian branch of BHEL consortium banks and the bank guarantee should be in the proforma as prescribed by BHEL. The proforma of bank guarantee and the list of consortium banks are displayed at BHEL website www.bhelhwr.co.in. However, in case the bank guarantee is not from BHEL consortium banks, then the bidder has to get the bank guarantee confirmed from one of the Indian branch of BHEL consortium banks and the bank charges for such confirmation will be borne by the bidder. 13. GUARANTEE / WARRANTY AND CORRESPONDING REPAIRS / REPLACEMENT OF GOODS. a) Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, the warranty shall be for a period of 12 months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Seller at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores / designated destination basis) (Contd.--)
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BHARAT HEAVY ELECTRICALS LIMITED

HEEP-HARIDWAR, UTTARAKHAND (249403)

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(-- Contd.) within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Seller. In case the defects attributable to Seller are detected during processing of the goods at BHEL or our subcontractor's works, the Seller shall be responsible for free replacement / repair of the goods as required by BHEL.

- b) **RETURN OF REJECTED MATERIAL FOR REPLACEMENT:** The bidder shall have to pay 5% incidental charges while taking back supplied material if it is found rejected on receipt. The rejected material shall be sent back only after receipt of replacement / submission of BG/refund of amount paid.

14. QUALITY REQUIREMENT.

Your bid/quotation should have specific confirmation regarding meeting all our quality requirements such as. (i) Test Certificate (TC), (ii) Guarantee Certificate (GC) / Warranty Certificate (WC), (iii) Quality Plan (QP) (if applicable); and (iv) Pre-Dispatch Inspection at your works (if applicable).

15. VALIDITY.

The quotation should be valid for a minimum period of 90 days effective from the date of opening of tender, unless otherwise specified in the tender enquiry.

16. RIGHT OF ACCEPTANCE.

- a) **BHARAT HEAVY ELECTRICALS LIMITED HARIDWAR** reserves the right to reject any or all the bids/quotations without assigning any reason thereof. BHEL also reserves the right to increase or decrease the tendered quantities. Bidders should be prepared to accept order for reduced quantity without any extra charges.
- b) Any discount/revised offer/bids submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer/bid submission (Part-1). Conditional discounts shall not be considered for evaluation of tenders.

- c) Unsolicited discounts/revised offers/bids given after Part-1 bid opening shall not be accepted. No change in price will be permitted within the validity period asked for in the tender enquiry.

- d) In case of changes in scope and/or technical specification and/or commercial terms & conditions having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for, then latest price bid shall prevail. However in both situations, original price bid will be necessarily opened.

- e) The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned after finalization of contract. EMD shall be forfeited in the event of bidder opting out after tender opening.

- f) BHEL reserves the right to short close the existing Purchase Order / Rate Contract / Work Order or any extension thereof at any stage.

17. TRANSIT INSURANCE.

- a) Transit Insurance will be covered by BHEL under its open Marine Insurance Policy. Seller shall inform dispatch particulars (Purchase Order, RR/GR/BL/AWB, Invoice value etc.) to "Finance department (Store bill Section), BHEL Ranipur Haridwar (Uttarakhand -India) with value of consignment to the Purchaser within 07 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of seller to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
- b) If Quoted Prices are inclusive of transit insurance, no weightage shall be given while evaluating the bids for Cost of Insurance, being in BHEL Scope.

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18. RISK PURCHASE.

In case of abnormal delays (beyond the maximum late delivery period as per Penalty clause) in supplies / defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract.

19. FORCE MAJEURE CLAUSE.

- a) Either party shall be entitled to suspend/cancel performance of his obligations under the contract without any cost to the other party, to the extent that such performance is impeded or made unreasonably onerous by any of the following circumstances: fire, war, flood, riots, earthquake, any other act of God, change in Government Policies, terrorist attack etc. or any other circumstances beyond the control of either party which inter alia include cancellation, suspension of order by end customer due to Force Majeure conditions.
- b) The party claiming to be affected by force majeure shall notify the other party in writing immediately without delay on the intervention and on the cessation of such circumstances.
- c) Regardless of what might otherwise follow from these general conditions, either party shall be entitled to terminate the contract by notice in writing to the other party if performance of the contract remains suspended under Clause Force Majeure for more than six months.

20. NON-DISCLOSURE AGREEMENT.

All Drawing and Technical Documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.

21. SETTLEMENT OF DISPUTES/ARBITRATION.

In all cases of dispute the matter shall be referred for ARBITRATION by sole arbitrator to be appointed by the Unit Head of Bharat Heavy Electricals Ltd., at HARIDWAR. The award of the Arbitrator shall be final and binding on both the parties. The place of Arbitration shall be Haridwar.

JURIDICTION: The courts of Haridwar, India, shall have exclusive jurisdiction.

22. WHARFAGE / DEMURRAGE RESPONSIBILITY.

In the event of delay in receipt of documents by Manager (Stores-Shipping) BHEL-Haridwar and in case where dispatches are made through Unapproved Transporter the sole responsibility for wharfage /demurrage for such delay shall be that of supplier.

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23. CONDITIONS FOR AVAILING MICRO & SMALL ENTERPRISES (MSE'S) BENEFITS. a) "MSE Suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at annexure-1 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents is found or the requisite documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above require document are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer." b) Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration :- c) Valid NSIC Certificate or d) Entrepreneurs Memorandum part II (EM II) certificate (valid based on deemed validity of 5 years) or e) EM II certificate along with attested copy of CA Certificate (as per prescribed format at annexure-A) applicable for the relevant financial year (latest audited), where the deemed validity of EM II is over. f) However, credentials of all MSE suppliers will be verified before advancing the intended benefits. g) MSE bidders claiming SC/ST status will have to submit SC/ST certificate of the Proprietor from competent authority. Attested (notarized or attested by Gazetted officer) copy to be submitted along with the offer.	h) In case techno-commercial accepted bidders include MSE source and their prices (based on landed cost – considering quoted prices) are within the price band of 15% w.r.t. L-1 bidder, then BHEL can offer 20% of quantity of respective item (rounded off to nearest number) to MSE bidders at L-1 price and in case, more than one MSE bidder is in 15 % band and the same is accepted by more than one MSE bidders then 20% quantities of respective items will be considered for ordering on proportionate basis amongst MSE bidders. i) While distributing the 20% quantity amongst MSE bidders the decimal points in quantity shall be ignored for all the bidders except the L-1 amongst MSE bidders. Balance quantity after allocating the quantity to other MSE bidders ignoring the quantities in decimal, shall be given to L-1 (amongst MSE) bidder. However if there are more than one MSE bidder at the same price level than preference for additional quantities due to ignoring off the decimal (as mentioned above) shall be given to the bidder offering favorable terms to BHEL and if the conditions offered are also same then preference will be given to the bidder having high SPR rating. j) In case there are more than one MSE bidders (with different landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given to the MSE bidder with lowest landed cost . k) In case there are more than one MSE bidders (with same landed cost to BHEL) within 15% price band of lowest bidder and quantity to be offered is 1 no. only, then preference shall be given first, based on the favorable terms in the bid and in case terms are also same, the bidder with high SPR rating shall be given preference. l) If L1 bidder is MSE bidder, entire quantity will be given to such MSE bidder only.
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**BHARAT HEAVY ELECTRICALS LIMITED**

HEEP-HARIDWAR, UTTARAKHAND (249403)

General Instructions and Standard Terms & Conditions for bidding against Tender Enquiry (GISTC)**For Indian Bidders (Version April-2016)****24. INFORMATION TO THE BIDDERS.**

- a) Purchase related information is available at our Business-to-Business (B2B) Portal available on our website www.bhelhwr.co.in. The user ID & password can be obtained by sending a request to concerned purchase executives.
- b) Intimate your change in mail address or communication address or changes, if any, by email to ppx_idx@bhelnwr.co.in giving your bidder Code.
- c) Please resolve your rejections and unexecuted overdue purchase order immediately which are posted at our B2B Portal, which can be visited through our site www.bhelhwr.co.in
- d) Copy of this Tender Enquiry is being sent through the post.

25. NOTE.

- a) Special conditions of enquiry, if enclosed, will supersede the standard/general terms of enquiry.

Any other Standard terms and Conditions of the bidder attached/referred against the tender enquiry will be treated as null and void ab initio.

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INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi – 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved

in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. 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.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors". framed by the Principal.

Section 4 – Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 – Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors

- 6.1 The Bidder(s)/ Contractor(s) undertake(s) to obtain from all subcontractors a commitment consistent with this Integrity Pact and report Compliance to the Principal. This commitment shall be taken only from those sub-contractors whose contract value is more than 20 % of Bidder's/ Contractor's contract value with the Principal. The Bidder(s)/ Contractor(s) shall continue to remain responsible for any default by his Sub-contractor(s).
- 6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 – Criminal Charges against violating Bidders/ Contractors /Sub-contractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 –Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- 8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 8.6 The Monitor will submit a written report to the CMD, BHEL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.7 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.8 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant IPC / PC Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the

Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.9 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.10 The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

9.1 This Pact begins and shall be binding on and from the submission of bid(s) by bidder(s). It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 – Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal

(Office Seal)

For & On behalf of the Bidder/ Contractor

(Office Seal)

Place-----

Date-----

Witness: _____

(Name & Address) _____

Witness: _____

(Name & Address) _____



ANNEXURE-A

A BRIEF WRITE UP ON ELECTRO-HYDRAULIC ACTUATORS FOR MAIN STEAM VALVES FOR 660/800 MW RATING STEAM TURBINE SETS

Status:	Released
Protection class:	Confidential

Rev.	Date	Issue resp./ Modification	Office	Prepared by	Reviewed by
00	27.08.2016	First issue	STE, CIE	Lakhmi Singh (STE-TG) Nitin (CIE)	Rajeev Rawat (STE-TG) Sheetal Singh (CIE)

1 INTRODUCTION:

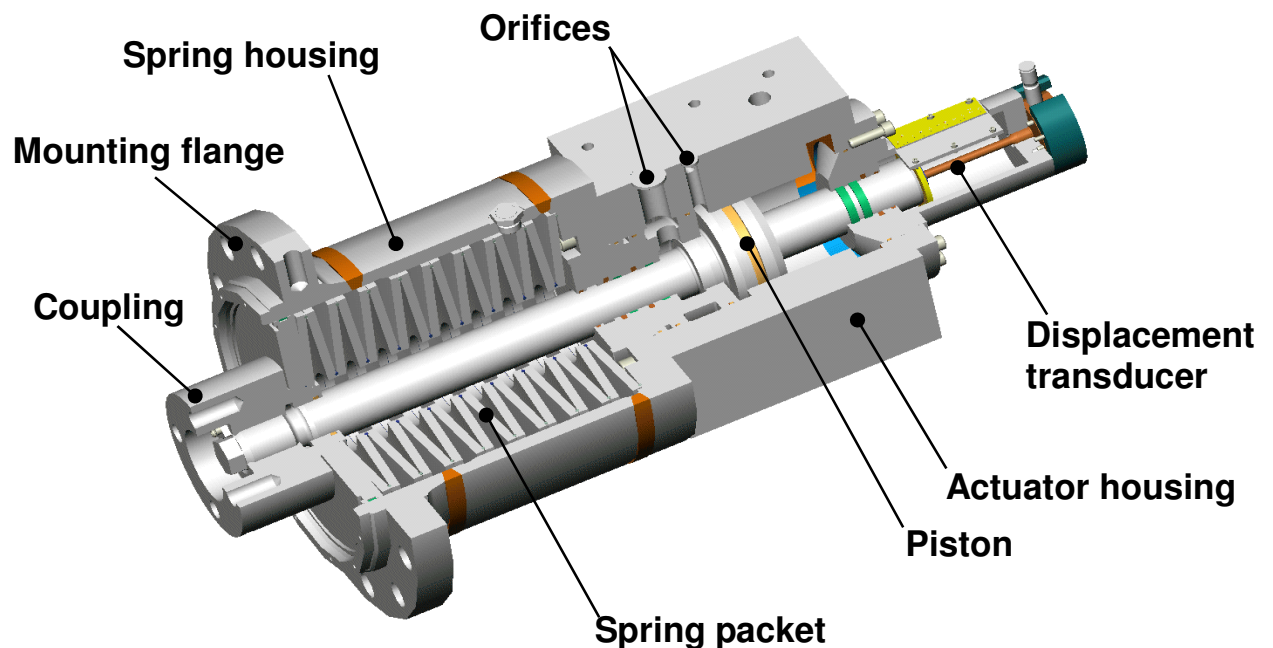
The steam turbine output is controlled by adjusting steam mass flow rate by turbine valves. **There are total 9 nos. turbine valves viz. 2 nos. HP stop valves, 2 nos. HP control valves, 2 nos. IP stop valves, 2 nos. IP control valves and 1 no. overload control valve.** These turbine valves are hydraulically actuated. In the case of a turbine trip, turbine valves interrupt the steam flow into the turbine instantly.

There is dedicated Electro-hydraulic actuator for each turbine stop and control valve. Hence **total 9 nos. actuators are envisaged.** All the actuators are operated with 160 bar high pressure fire resistant fluid supplied from centralized Hydraulic Power Supply Unit (HPSU).

Electro-hydraulic actuators mainly consists of Hydraulic pistons, Disc spring, Servo valves, Pilot valve, Trip solenoid valve, Cartridge valve, Check valves, Filter etc. Servo valve/Pilot valve transmit the electrical input signal of the turbine controller output into a hydraulic signal and amplify it, guide the control fluid flow to the hydraulic actuators so that the required steam flow rate can be regulated/stopped.

Cartridge valves mounted on the control blocks of actuators assemblies takes care that hydraulic actuators can close the steam valves within a very short time.

A typical cross section drg. of actuator is shown below.



2 STOP VALVE ACTUATOR (HP, IP):

The stop valve actuator is an Electro-Hydraulic Actuator with control fluid supply from HPSU. The actuator comprises an operating cylinder, control unit & valve position transmitter to monitor the opening and closing of the actuator/valve. Turbine stop valve is coupled with control piston of power cylinder. The control piston which is pressure loaded in opening direction and pressure relieved on the opposite side, moves in power cylinder. The closing force is supplied to the control piston by a cup – spring stack housed inside the actuator. The actuator is connected to the HPSU through control fluid supply and return lines. A filter along with D .P. switch is fitted in pressure line (upstream side) to prevent ingress of contamination from the pipe lines. A terminal box is also provided for wiring purpose.

2.1 CONTROL UNIT (MANIFOLD):

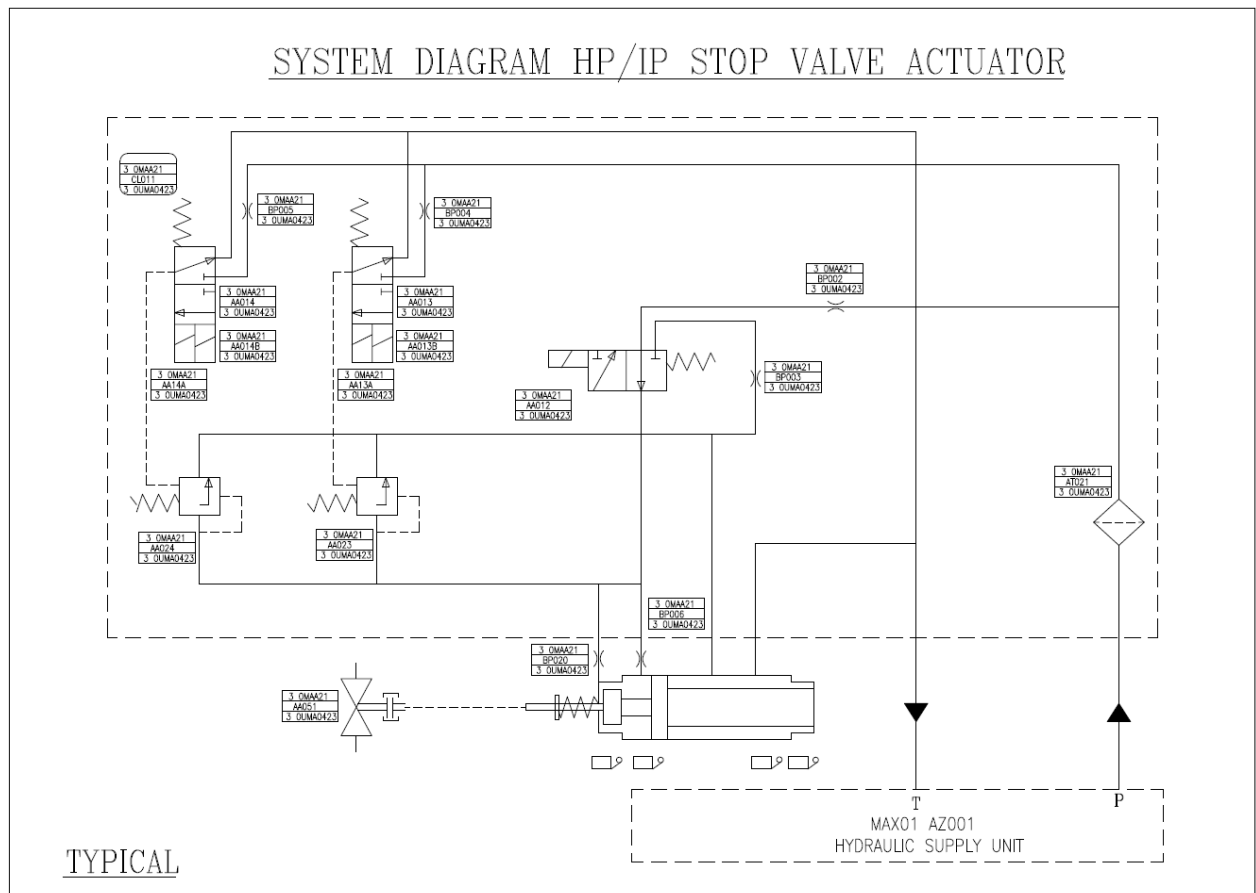
The control unit is mounted on the power cylinder and comprises of the Pilot valve, Trip solenoid valves, cartridge valves, check valves and orifices. All these control elements are connected via a control plate to the power cylinder through internal fluid ducts.

2.2 MODE OF OPERATION:

The trip solenoid valves (with double coils for redundancy) are energized with the help of output current signal from the controller for the opening of turbine stop valve. The fluid is fed to the power cylinder and pushes the piston in opening direction against the spring force. Stop valve is rapidly closed by de-energizing the trip solenoid valves, in that case the pressure over the discs of the logic cartridge valves is reduced, causing these valves to be opened by the pressure from the power cylinder being applied beneath the discs, thereby initiating the rapid closure of valve. Pilot valve remains in de-energized state during opening/rapid closing of the turbine stop valve. Pilot valve is energized only in case of normal closing of the turbine stop valves, keeping trip solenoid valves in energized state. The flow of oil to the actuator is realized through orifices. The sizing of these orifices is done based on the closing time of actuator. A leakage sensor is also provided in the leakage tray of actuator. It gives the signal to control room in case of leakage through actuator.

POSITION MONITORING:- 2 no. Position Transmitters and Limit Switches for Open and Close position of the valve are provided in each actuator.

A BRIEF WRITE UP ON ELECTRO-HYDRAULIC ACTUATORS FOR MAIN STEAM VALVES FOR 660/800 MW RATING STEAM TURBINE SETS



3 CONTROL VALVE ACTUATOR:

The control valve actuator is an Electro-Hydraulic Actuator with control fluid supply from HPSU. The actuator comprises an operating cylinder, control unit and valve position transmitters. Turbine control valve is coupled with the control piston of power cylinder. The control piston which is pressure loaded in opening direction and pressure relieved on the opposite side, moves in power cylinder. The closing force is supplied to the control piston by a cup – spring stack housed inside the actuator. The actuator is connected to the HPSU through control fluid supply and return lines. A filter along with D.P. switch is fitted in pressure line (upstream side) to prevent ingress of contamination from the pipe lines. A terminal box is also provided for wiring purpose.

3.1 CONTROL UNIT (MANIFOLD):

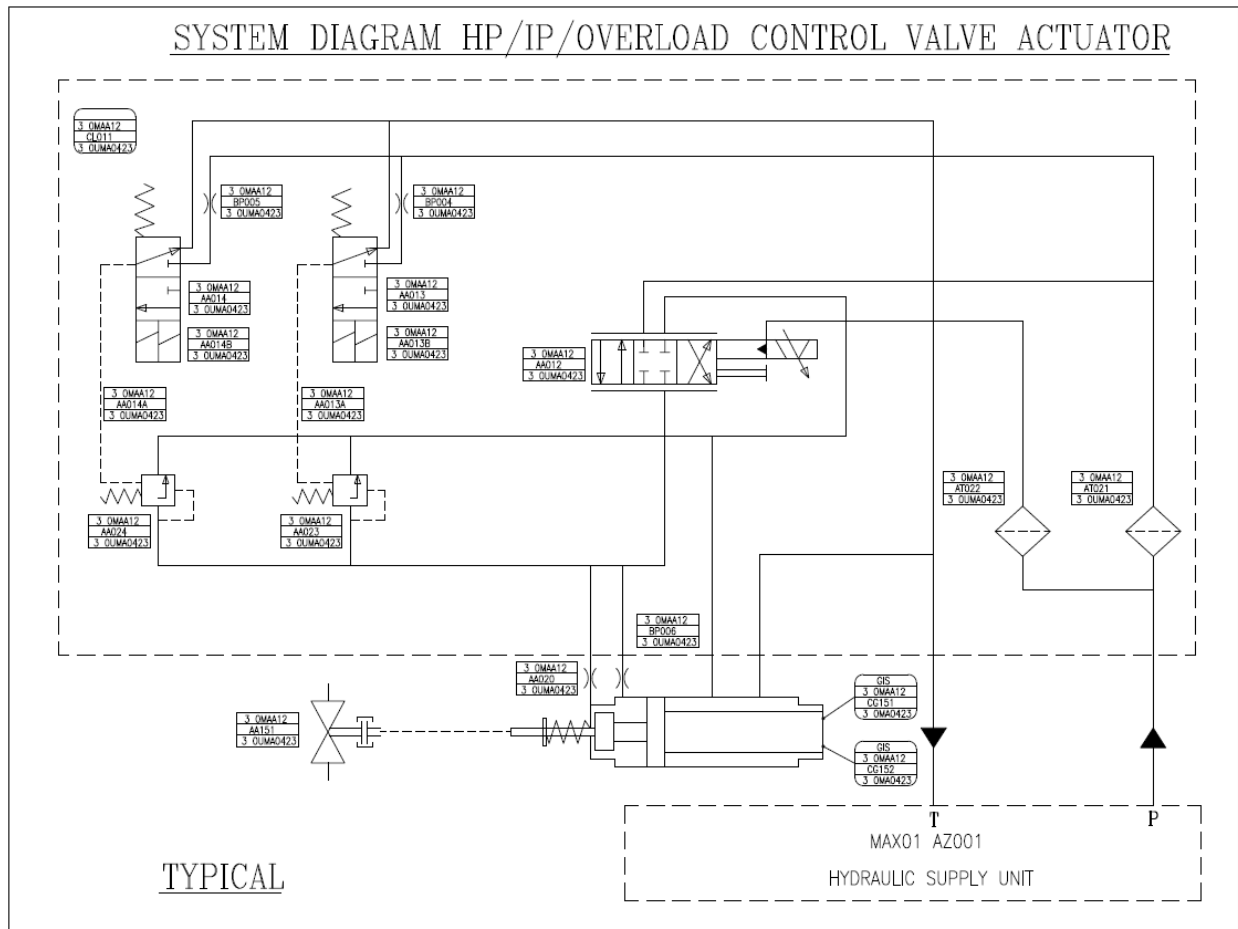
The control unit comprises of servo valve, trip solenoid valves, cartridge valves, check valves and orifices. In addition a filter along with D.P. switch is also fitted to the pilot control of servo-valve. All these control elements are connected via a control plate to the power cylinder through internal fluid ducts.

3.2 MODE OF OPERATION:

The servo valve is a high grade continuously operating directional control valve with particularly good steady state and dynamic characteristics and high amplification. Servo valve which is controlled through a position controller, controls the flow of fluid to both sides of the control piston as a function of the output signal from the controller, thereby positioning the actuator. The analog position of the actuator is feedback to the controller by position transmitters. In the event of rapid closure, trip solenoid valves are de-energized and thus the pressure over the discs of the logic cartridge valves is reduced, causing these valves to be opened by the pressure from the power cylinder being applied beneath the discs, thereby initiating the rapid closure of valve. The cartridge valves operated by the trip solenoid valves (with double coils for redundancy) are opened with minimum travel time and the piston chamber is connected to the drain. The flow of oil to the actuator is realized through orifices. The sizing of these orifices is done based on the closing time of actuators. A leakage sensor is also provided in the leakage tray of actuator. It gives the signal to control room in case of leakage through actuator.

POSITION MONITORING:- 2 no. Position Transmitters are provided in each actuator.

ANNEXURE-A
**A BRIEF WRITE UP ON ELECTRO-HYDRAULIC ACTUATORS FOR MAIN
STEAM VALVES FOR 660/800 MW RATING STEAM TURBINE SETS**





ANNEXURE-A
A BRIEF WRITE UP ON ELECTRO-HYDRAULIC ACTUATORS FOR MAIN
STEAM VALVES FOR 660/800 MW RATING STEAM TURBINE SETS

4 SCOPE OF SUPPLY PER TG SET:

Sl. No.	Item description	Quantity per TG set
4.1	ELECTRO-HYDRAULIC ACTUATORS:	
4.1.1	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-250-98-352) FOR HP STOP VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)
4.1.2	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-200-80-347) FOR HP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)
4.1.3	STOP VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: SVA-560-208-92) FOR IP STOP VALVES (VERTICALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)
4.1.4	CONTROL VALVE ACTUATORS WITH COMPLETE CONTROL BLOCKS (TYPE: CVA-500-170-104) FOR IP CONTROL VALVES (HORIZONTALLY MOUNTED VALVE)	2 NOS. (ARRANGEMENTS WILL IN MIRROR IMAGE)
4.1.5	CONTROL VALVE ACTUATOR WITH COMPLETE CONTROL BLOCK (TYPE: CVA-125-50-324) FOR OVERLOAD CONTROL VALVE (HORIZONTALLY SUSPENDED VALVE);	1 No.
4.2	SPECIAL TOOLS AND TACKLES FOR ASSLY & DIS-ASSLY. FOR ACTUATORS	1 SET
4.3	COMMISSIONING SPARES	1 SET
4.4	TRAINING & SUPERVISION DURING ERECTION & COMMISSIONING AT SITE:	REQUIRED FOR EACH SET