

Annexure

DECLARATION

(to be given by Bidder)

In pursuant to the Public Procurement Policy for MSEs Order, 2012, I/We declare(s) that My/Our firm is(are) falling under the following MSE category and I/we are submitting documentary evidence/ Govt. Certificate etc. along with UDYAM certificate in support of the same along with the techno-commercial offer.

Type under MSE	SC Owned	ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
Micro				
Small				

(√ Tick whichever is applicable)

Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.

Signature of Authorized Signatory

Name:

Designation:

Stamp / Seal of Firm

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Conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- 1) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly.
- 2) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating.
- 3) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM). from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- 4) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

I/We declares that I/We have read and understood the above aspects, and confirms that such conflict of interest does not exist and undertakes that I/We will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, I am /We are, found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Signature of Authorized Signatory

Name:

Designation:

Stamp / Seal of Firm



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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

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GENERAL TERMS AND CONDITIONS OF ENQUIRY

Sl. No.	Description
1	General:
1.1	<p>These General Terms & Conditions (GTC) shall apply to all enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., Bhopal (hereinafter referred to as BHEL or the Purchaser) or its Projects / Customers. Special / supplementary enquiry conditions, if any, will override the conditions in this annexure. In case of placement of order these conditions will become part of Purchase Order (PO) until unless the deviations are specifically agreed by BHEL.</p> <p>In case of any inconsistency, conflicts or contradiction among any of the contract documents, the interpretations will be based on the following order of precedence:</p> <ol style="list-style-type: none"> Amendments to Purchase Order/ Framework agreement Purchase Order/ Framework Agreement Letter of intent (LOI)/ Letter of Award (LOA) Minutes of meeting or Clarifications agreed between Buyer and Seller as regards to the tender or the bidding conditions Corrigenda to NIT, with those of later date having precedence over those of earlier date Original NIT and annexures except documents listed in point no (vii) to (ix) below Technical specifications including their annexures Special Terms and condition of Enquiry (STC) General Terms of Enquiry (GTC)
2	General Instructions - Common for Indigenous & Foreign enquiries
2.1	<p>Through eProcurement</p> <ol style="list-style-type: none"> Interested bidders / suppliers shall submit their offer through e-procurement mode at https://eprocurebhel.co.in/nicgep/app Offers in any other mode will not be accepted. Procedure for submission of tender is available in the "Bidder Manual Kit" at e-tender portal https://eprocurebhel.co.in/. In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-4493395 email: support- eproc@nic.in. These details are also available on Contact Us page of the portal. Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates etc uploaded by him, owning responsibility for their correctness / authenticity. Disclaimer clause: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.
2.2	Through tender room (Conventional tender)
2.2.1	<p>Sealed bids are invited for scope of Supply / Services as detailed in the enquiry.</p> <p>Bid should be free from correction, overwriting, using of corrective fluid etc. Any interlineation, cutting, overwriting shall be valid only if they are attested under full signature(s) of persons signing the bid else shall be liable for rejection.</p> <p>All overwriting/ cutting etc. will be numbered by bid opening officials and announced during bid opening.</p> <p>The bid should be submitted in English or Hindi language. Relevant enclosures, supporting documents, catalogue, samples, if any, as required as per Notice Inviting Tender (NIT) conditions shall be sent along with technical offer.</p> <p>Rate should be quoted in the units asked for in the enquiry.</p>



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2.2.2	<p>Bids shall be submitted in a Sealed cover with Enquiry No., Due date and Bidder's name indicated on the cover. In case of Two-Part Bid, technical bid containing technical offer, this GTC duly filled-in & signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price (as called for in the price format where required) should be kept in a separate envelope. Both envelopes indicating Part —I or Part-II as the case may be to be put in a bigger envelope, which should be addressed to in charge, Tender Room, Bharat Heavy Electricals Ltd. 2nd Floor, Jawahar Bhavan, Piplani, Bhopal 462022. Enquiry No., due date and bidder's name must be mentioned on all envelopes.</p> <p>Offer must reach tender room of BHEL Bhopal latest by 11.00 am IST on the enquiry due date.</p> <p>Bids submitted as single part bid against two – part bid, shall be rejected unless the offer is techno-commercially acceptable without seeking any clarification.</p>
2.2.3	<p>Offer received after 11.00 AM IST of the due date will be termed as "Late" and shall not be considered. However, late offer received against single tender enquiry may be considered.</p>
2.2.4	<p>Bidder can also submit offer through email id mmtender.bpl@bhel.in or if called for in the enquiry, at the designated /authorized email address indicated in the enquiry. Such email offers shall be sent only on designated email-id to reach before 11.00 am IST on the tender due date. BHEL will not be responsible for incomplete offers and the ones delivered late through e-mail. Bidder shall have no claim on e-mail offers sent to any other e-mail ID. In case of e-mail offers, the mail subject should contain Enquiry Number, Due date and Bidder name. Bidder address including contact details shall be mentioned in the content of the mail. Without these details, the offer is liable for rejection. All techno commercial terms & conditions mutually agreed prior to price bid opening shall prevail and supersede any terms and conditions specified otherwise in price bid.</p>
2.3	Through tender room or e- Procurement
2.3.1	<p>Commercial Conditions quoted by the bidder in any place including as stated in bidder's 'General Terms and Conditions' if any, shall not be binding on the Purchaser and the conditions contained in this annexure, including special conditions, if any, for this enquiry shall only prevail.</p>
2.3.2	<p>Rate should be quoted in the units asked for in the enquiry. The rates should be quoted both in figures and words. In case of discrepancy in figures and words, the rates quoted in words shall be considered.</p>
2.3.3	<p>The goods offered shall conform to BHEL specifications and / or National/International standards as mentioned in the Enquiry and the bidder is required to confirm his unconditional acceptance to the same. Bidders, seeking deviations from the specifications and any other conditions, may indicate the same clearly on a separate sheet indicating Sl. No. of the item, with reasons for such deviations. BHEL reserves the right to reject the offer with deviations or load the deviations suitably for evaluation.</p>
2.3.4	<p>Offers shall be submitted directly by bidder or his authorized agent only. Unsolicited offers shall be summarily rejected.</p>
2.3.5	<p>Bid in single part or techno-commercial bid in two-part system (as the case may be) will be opened on the due date. In case of two-part bid, price bids of techno-commercially accepted bidder(s) only shall be opened on the assigned date, for which separate intimation will be sent to the accepted bidders.</p>



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2.3.6	<p>Whenever specified /called in special /additional /tender specific remakes of tender the Bid Security/ Earnest Money Deposit (EMD)] is to be submitted by bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)).</p> <p><u>Modes of deposit</u></p> <p>a) The EMD may be accepted only in the following forms:</p> <p>(i) Electronic Fund Transfer credited in BHEL account (before tender opening).</p> <p>(ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer).</p> <p>(iii) Fixed Deposit Receipt (FDR).</p> <p>(iv) Bank Guarantee from any of the Scheduled Banks.</p> <p>(v) Insurance Surety Bonds.</p> <p>b) In case the EMD is more than Rupees Two lakh and in case of foreign bidders, it may be in the form of a bank guarantee (in equivalent Foreign Exchange amount, in case of foreign bidders) issued/ confirmed from any of the scheduled commercial bank in India in an acceptable form. The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.</p> <p><u>Forfeiture of EMD</u></p> <p>(i) A bidder's EMD will be forfeited if the bidder withdraws or amends its/ his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.</p> <p>(ii) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.</p> <p><u>Others Instructions</u></p> <p>(i) Bid securities of the unsuccessful bidders should be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, in case of two packet or two stage bidding, bid securities of unsuccessful bidders during first stage i.e. technical evaluation etc. will be returned within 30 days of declaration of result of first stage i.e. technical evaluation etc.</p> <p>(ii) Bid security will be refunded to the successful bidder on conclusion of the order/ receipt of a performance security (if called in the tender).</p> <p>(iii) EMD shall not carry any interest.</p>
2.3.7	<p>1.Any discount / revised offer submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer submission (Part-I). Conditional discounts shall not be considered for evaluation of tenders.</p> <p>2.Unsolicited discounts / revised offers given after Part-I bid opening shall not be accepted. No change in price will be permitted within the validity period of offer.</p> <p>3.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.</p>
2.3.8	<p>The bidders will submit Integrity Pact, duly signed by its authorized signatory, where called for in the enquiry.</p>
2.3.9	<p>Unregistered suppliers, who are techno-commercially qualified against the open tender, are requested to register with BHEL-Bhopal as permanent supplier by submitting the Supplier Registration Form (SRF) in online supplier registration portal (https://supplier.bhel.in/). Un-registered vendors may be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) for Foreign Vendors or Indigenous Vendors (as applicable)</p>
2.3.10	<p>BHEL expects that the bidder responds to the enquiry. Regret letter, with valid reasons for not participating in the tender will be submitted where the bidder is unable to submit offer. Repeated lack of response on the part of bidder may lead to his deletion from BHEL's approved bidder list. Refer guidelines for suspension of Business Dealings with Suppliers/Contractors available on https://www.bhel.com/sites/default/files/suspension_guidelines_abridged.pdf</p>
2.3.11	<p>In case of open tenders (i.e. those published in website) all corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL website. (https://bhel.com/tenders) and additional in https://eprocurebhel.co.in/nicgep/app for e-procurement tenders. Bidders responding to these tenders should regularly visit website(s) to keep themselves updated.</p>



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2.3.12	In the course of evaluation, if more than one bidder happens to occupy L-1 status effective L-1 will be decided by soliciting discounts from the respective L-1 bidders in sealed envelope and will be open in tender room. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/ draw of lots, in presence of the respective L-1 bidders or their representatives. Ranking will be done accordingly. BHELs decision in such situations shall be final and binding.
2.3.13	The Purchaser can consider awarding tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders) in the manner and proportion disclosed in the tender conditions. Purchaser 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.
2.3.14	The bidder shall submit price bid strictly in the price format, wherever provided for, in the enquiry. Any attempt on the part of the bidder to alter the contents of the price bid format in any manner, which in the opinion of BHEL can vitiate the tendering process, will lead to rejection of the bid, <u>besides BHEL taking appropriate punitive action as deemed fit</u> —Refer Guidelines for suspension of Business Dealings with Suppliers/Contractors available on https://www.bhel.com/sites/default/files/suspension_guidelines_abridged.pdf
2.4	BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com). If tender specific conditions call for reverse auction, RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno- commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking
2.5	BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items. BHEL reserves the right to decrease the tender quantity in case where negotiation is being held.
3	Delivery Terms
3.1	Indigenous Purchase
3.1.1	Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the enquiry.
3.2	Foreign Purchase — Imports
3.2.1	<ol style="list-style-type: none"> 1. Goods shall be despatched by Sea, unless stated otherwise in the enquiry or purchase order. 2. Terms of Delivery for Sea shipment shall be on CFR / CIF basis with 14 days' detention free period preferably at Nhava Sheva (JNPT-INNSA1) for FCL (Full Container Load) Cargo of GP & HC Containers. 3. For other cases - Other than GP & HC Containers, LCL Cargo shall be delivered at Nhava Sheva (JNPT-INNSA1) & Break-bulk Cargo at Mumbai (MPT - INBOM1). 4. For Air consignments, the terms of delivery shall be FCA at BHEL nominated Airport. In case of CIP, delivery shall be at Mumbai ACC (INBOM4). 5. Freight amount shall be indicated separately in the offer in case of CIP/CFR/CIF. 6. The number of detention free days and destination charges payable to shipping line must be mentioned in your offer and also on the Bill of Lading. 7. Offer received on FOB basis may be considered on an exceptional basis. BHEL will load freight, marine insurance & shipping line port handling charges etc. to work out landed cost at Sea Port. 8. Please visit BHEL Bhopal website https://bpl.bhel.com or refer special terms and conditions of tender enquiry for details of named Air ports and Sea ports. Name of the gateway port so chosen by the bidder shall be indicated by the Bidder in his offer. 9. A In case of CIP/CFR/CIF, the shipping line should be ready to move the containers to consignee's nominated CFS (Container Freight Station) yard and Indian agent of shipping line should issue Cargo Arrival Notice (CAN) 7 days in advance. 9b In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel age not more than 15 years. 9c The invoices being issued by shipping lines must be in the name of BHEL. Otherwise, BHEL will recover loss of Input Credit on GST from the vendor. 9d While booking the shipment, bidder to also finalize destination charges and the same should appear over BL or agreed tariff to be provided to BHEL before arrival of shipment. If cargo is stuffed in container, then the same should be allowed to be moved to CFS of importer's choice without any additional charges.



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	<p>9e Load port charges shall be settled by the supplier and not be passed on to BHEL in any form of destination charges.</p> <p>10. 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 all penalties, detention and demurrages / wharfages, if any paid by BHEL (for stated reasons).</p>
3.2.2	<p>1. For delivery of FCL (Full Container Load) cargo, the Bidder shall provide minimum 14 days' detention free period from the date of delivery at Port of Discharge / Place of Delivery (in case of ICD). Wherever the detention free period offered is less than 14 days, the bids shall be loaded for the period short of 14 days' period.</p> <p>2. <u>Port Congestion charges or any additional charges claimed by the shipping line at Port of Discharge / Place of Delivery shall be to the Bidder's account.</u></p>
4	Bidder's particulars & logistics information (Bidder to give details against each of the provisions)
4.1	Name of the bidder's executive to deal with this tender / project
4.2	E-mail address of the contact person
4.3	Telephone no. of the contact person
4.4	Name of location from where the goods shall be offered for inspection and dispatch
5	Additional logistics information for Imports
5.1	Bid currency
5.2	Charges applicable at discharge port up to BHEL's CFS (Container Freight Station) to be indicated in your offer and on the B/L
5.3	Name of Airport in the country of dispatch for FCA delivery terms
5.4	Estimated number, type & size of containers for delivery of tendered quantity (applicable where the goods are to be sent in FCL)
5.5	No. of packages with cumulative gross weight and CBM volume (applicable for LCL & Break-bulk shipment)
5.6	Approx. distance in km. from Bidder's works to Port of Loading
6	Delivery Schedule & Completion date
6.1	<p>i. Instead of writing specific date against delivery offered, bidder shall commit delivery period in number of days / weeks/ months to suit the delivery period indicated in the enquiry.</p> <p>ii. Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.</p> <p>iii. Bidder shall deliver the goods in the manner and schedule agreed under the Purchase order. iv. Goods shall be delivered within contractual period or any extension thereof, if any, granted by the Purchaser.</p> <p>v. If delivery is linked to approval of documents, time for submission of such documents to be indicated and delivery period to be indicated from approval of documents. This delivery schedule will be considered for processing delivery extension, wherever applicable.</p> <p>vi. BHEL reserves the right to cancel the order if material is not delivered within PO scheduled delivery.</p> <p>vii. Suitable action against defaulting vendor will be taken as per Guidelines for suspension of Business Dealings with</p> <p style="text-align: center;">Suppliers/Contractors available on https://bhel.com/guidelines-suspension-business-dealings-supplierscontractors</p>
6.2	<p>In case of foreign supplies, the date of Bill of Lading (B/L) or AWB shall be taken as actual date of delivery where freight until discharge port in India is in Seller's scope like CFR/CIF/CIP delivery terms.</p> <p>For Ex-works/FCA/FOB or any other delivery term where freight is in buyer's scope, date of material readiness /Test certificate/ Warehouse receipt/Freight forwarder receipt may be considered as actual date of delivery (mutually agreed).</p>
6.3	<p>In case of Indigenous bidders, the date of delivery at named destination in India shall be taken as contractual delivery completion date where delivery terms are FOR destination. In case of 'Ex-works' delivery terms, the date of LR / RR shall be the contractual delivery completion date.</p>



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7	Transit Insurance
7.1	Except where delivery terms are agreed on CIF basis for Imports & FOR destination basis for indigenous purchases, transit insurance will be covered by BHEL under its Open Marine Transit Insurance Policy. Bidder shall inform dispatch particulars 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 bidder to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
8	Force Majeure
8.1	<p>"Force Majeure" shall mean circumstance which is:</p> <ul style="list-style-type: none">a) beyond control of either of the parties to contract,b) either of the parties could not reasonably have provided against the event before entering into the contract,c) having arisen, either of the parties could not reasonably have avoided or overcome, andd) is not substantially attributable to either of the parties And <p>Prevents the performance of the contract,</p> <p>Such circumstances include but shall not be limited to:</p> <ul style="list-style-type: none">i) War, hostilities, invasion, act of foreign enemies.ii) Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war.iii) Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors.iv) Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors.v) Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio- activity.vi) Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc.vii) Epidemic, pandemic etc.
8.2	The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship.
8.3	If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event.
8.4	The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.
8.5	<p>Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not</p> <ul style="list-style-type: none">i) Constitute a default or breach of the Contract.ii) Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.
8.6	BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure
9	Penalty for Late Delivery



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	<p>Unless covered under Force Majeure conditions aforesaid, Penalty for late delivery shall be 0.5% of the undelivered portion per week of delay or part thereof, subject to a maximum of 10% of the undelivered order value owing to delayed delivery.</p> <p>Total undelivered order value above shall be item wise, lot wise order value of PO.</p>
9.1.1	<p>Any deviation from above, which is based on specific requirement/LD clause, shall be specified in particular tender /Special terms and condition (STC) /Additional terms and conditions (ATC) and same shall have overriding effect on anything mentioned in instant GTC.</p> <p>Imposition, recovery or settlement of this penalty shall not adversely affect BHEL's right to performance, compensation and termination of the order.</p>
9.1.2	<p>However, in case of Capital Machine / BOP (Balance of plant) where staggered deliveries may be applicable, the penalty will be levied on total order value. Any deviation based on specific requirement shall be specified separately in the NIT/STC/ATC.</p> <p>In case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision are desired with supply (Milestone delivery terms), the LD clause will be separately mentioned in particular tender /Special terms and condition (STC) /Additional terms and conditions (ATC)</p>
9.1.3	In case of any amendment / revision, the penalty shall be linked to the amended / revised PO.
9.1.4	Any loading on penalty clause shall be to the extent to which it is not agreed to by the bidder (at offered value)
9.2	In case the contractually agreed delivery date falls on a holiday in BHEL Bhopal, the next working day shall be taken as contractual delivery date for compliance and applicability of LD / penalty.
9.3	In case of any recovery for delayed performance, the applicable GST shall also be recoverable from bidders.
10	Indian Agents and Agency commission
10.1	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 "regulatory guidelines" which will require submission of an agency agreement.
10.2	The CFR / CIF price quoted will be deemed to be inclusive of Indian Agency commission. Agency commission as disclosed by the bidder in his quoted CFR / 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 or price bid opening shall be considered for computation of Agency commission.
10.3	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. In case bids are received from both the Principal / OEM and the agent, bid received from the agent will be ignored.
10.4	If an agent submits Bid on behalf of the Principal / OEM, the same agent shall not submit bid on behalf of another Principal / OEM in the Tender, for the same Item / Product.
11	Documentation:
11.1	<p>Indigenous Purchase</p> <p>Irrespective of the value of the invoice amount, the bidder / vendor should mandatorily upload the despatch & invoice details on BHEL SUVIDHA portal at https://suvidha.bhel.in/suvidha/ or https://bpl.bhel.com/mm/ prior to despatch.</p> <p>Bidder shall arrange to send to the consignee following documents immediately on despatch of the goods for GST compliance:</p> <ol style="list-style-type: none"> 1) Original Tax invoice in triplicate (Buyer's copy and duplicate for Transporter), 2) Consignee copy of LR & 2 sets each of Packing list, 3) Test certificate, Guarantee / Warranty certificate, 4) O & M manuals (where applicable)



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- 5) In case of labour / mixed basis jobs, material is issued free of cost. Necessary material reconciliation is to be done and Free Issue Material Statement (FIMS) is to be submitted with each bill.
- 6) Pre-dispatch Inspection report /Third Party Inspection Certificates/MDCC certificate
- 7) Any other documents as specified in Enquiry /PO /STC/ATC of enquiry /annexure

The distribution of such documents will be specified in the Purchase order Terms and Conditions (BP 205315 for indigenous and BP205316 for Imported Purchases)

*Note: All documents as per PO checklist, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding ₹ 5 lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. For invoices up to ₹ 5 lakhs, (inclusive of taxes), a scanned copy may be uploaded; however, submission of hard copy is mandatory if a class 3 digitally signed tax invoice is not uploaded.

Foreign Purchase — Imports Seller shall send 1 set of following documents, in English, within 7 days of B/L date / 1 day of AWB date by courier to the Purchaser

1. Express / Original 'Clean on board' Bill of Lading / AWB.
2. One set of Commercial Invoice, packing list indicating container-wise Gross weight, Net weight, CBM volume, No. of packages with Dimensions of each package.
3. Original Certificate of Country of Origin (COO) issued by Chamber of Commerce. COO shall be as per requisite format where duty concession is available under Preferential Trade/Comprehensive Economic Partnership/Free Trade agreement. Customs tariff heading (CTH)/ Harmonized System of Nomenclature (HSN) code of material should be mentioned on invoice and COO in all such cases.
4. One set of Original Test Certificates and O&M Manual where called for.
5. Fumigation / Phyto-Sanitary Certificate wherever cargo is packed in wooden packing or packing of plant origin material is used.
6. Supplier should additionally forward 2 sets of original documents mentioned at point nos. 1 to 5 above along with Original Bill of Lading (OBL) or AWB through any international courier service/registered airmail within three (3) days of obtaining the same directly to the following:

AGM (M.S)
Regional Operations Division BHEL
14th Floor Centre-1
World Trade Centre, Cuffe Parade
Mumbai 400 005 INDIA
Email: **msseabpl@bhel.in** (In case of Sea freight) **msair@bhel.in** (In case of Air freight)

DGM (FIN- FP)
4th Floor, Administrative Bldg.
BHEL Bhopal - 462022 (India)
E-mail: **fin_fp.bpl@bhel.in**

And confirm forwarding details to AGM (CMM- FE), BHEL Bhopal at **mmfe.bpl@bhel.in**

7. In case the Seller decides to negotiate all 3 originals of B/L / AWB along with all original documents through negotiating Bank, non-negotiable documents (NNDs) consisting of copy of B/L / AWB & documents mentioned at Sl. no. 11- B2 to B5 will be sent by e-mail to the Purchaser at his e-mail address given in the PO with one copy to be mailed at **mmfe.bpl@bhel.in** as well as at **msseabpl@bhel.in** (for Sea shipment) or **msair@bhel.in** (for Air shipment). Other documents, as required, will be separately indicated in the Purchase Order. Additional expenditure, if any, incurred by the Purchaser by way of detention / demurrage, resulting out of delay attributable to the Seller in providing Negotiable documents, will be recovered from the Seller.

In case any discrepancy is raised by the Bankers / BHEL with respect to the documents submitted, vendor to facilitate clearance of goods through Delivery Order.

Additionally, following requirements to be taken care of by the bidder during PO execution stage:

- i) **IEC (0588138690), (BHEL BHOPAL GSTIN: 23AAACB4146P1ZN)** and email ID (**mmfe.bpl@bhel.in**) of BHEL Bhopal shall be clearly mentioned on B/L or AWB.
- ii) As per Uniform Customs Practice (UCP 600) for documentary credits (L/C), presentation period allowed is maximum 21 days after the date of shipment. However, for geographically closer ports where sea voyage time is less than 3-4 weeks, a shorter presentation period shall be agreed upon.



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	<p>iii) In case of CAD payment terms, Supplier shall send documents to BHEL's bank within 5 days of shipment. One set of original may be sent to any one of ROD, CMM-FE and MM, copy may be marked to the others.</p> <p>iv) For Air shipments through non-CONSOL (i.e., not through BHEL ROD's contract), Delivery Order (DO) should be given to BHEL without insisting for Bank Release Order (BRO). AWB to be drawn with BHEL Bhopal as consignee.</p> <p>v) It must be ensured that original shipping/commercial documents, if not provided to BHEL outside banking channel, should reach BHEL's bank at least 10 days prior to cargo arrival at port.</p> <p>vi) Part shipment and trans-shipment to be avoided to the extent possible especially where it is not possible to split shipping & commercial documents. Part shipment shall be strictly avoided for Air shipments.</p>
11.3	General
	<ol style="list-style-type: none"> For Hazardous chemicals, the materials safety data sheet (MSDS) is to be submitted. All certificates as called must be sent. BHEL may test any goods supplied and their decision is final irrespective of supplier's certificates. If test certificate and guarantee certificate are not received along with the document and stipulated in these specifications, BHEL reserves the right to get the material tested and recover the expenses from the supplier without awaiting supplier's confirmation Goods shall be properly packed to avoid transit damage. Suitable markings shall be provided to identify the goods with that of the PO No. and the consignee details. Goods shall be consigned to AGM (CRX), BHEL, Piplani, Bhopal - 462022, India, unless otherwise specified in the PO.
12	Pricing Terms
12.1	Prices once quoted shall remain firm within the validity or any extension thereof for placement of order, till complete execution of the order, without any escalation/increase for any reason, whatsoever, unless specifically provided for in the Enquiry & PO. In case of foreign bidders, the quoted price shall be taken as inclusive of Third-Party Inspection and testing charges as called for in the NIT.
13	Price Validity:
13.1	Unless stated otherwise in the enquiry, offer shall be valid for a period of 90 days from the date of Techno-commercial (Part-I) bid opening date.
14	Taxes & Duties - Indigenous Purchase
14.1	Bidder to ensure timely remittance of SGST, CGST, IGST as applicable in time as per law. BHEL BHOPAL GSTIN: 23AAACB4146P1ZN
14.2	Bidder to ensure compliance to filing of monthly GST sales return including BHELs supplies by 10 th of next calendar month in the online GST portal wherever applicable.
14.3	Bidders to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment along with invoice.
14.4	Bidder to submit invoices compliant with GST invoice Rules
14.5	Bidders to comply with all statutory provisions as may be applicable at the time of despatch/sale. Any additional financial liability to BHEL on account of non-compliance by bidders shall be borne by them and shall be adjusted / recovered from the bidders. BHEL reserves the right to review the existing offers / contracts for any revision in terms, which may arise due to change in any statutory provisions to ensure that the benefit accrues to BHEL.
14.6	Bidder to ensure TAX INVOICE submission along with consignment
14.7	In respect of cases where the liability to discharge GST is on BHEL under reverse charge mechanism, bidders have to ensure timely submission of invoices and delivery of material / services to BHEL, so that there is no mismatch on both activities. In case there is any additional financial liability on BHEL on account of default on the part of the bidder on submission or delivery of material / services the same shall be passed on to them.
14.8	Vendors who fall under the E-Invoice regulations-shall issue e-invoice in line with Rule 48(4) of CGST Rules read along with latest extant rules, failing which GST amount will not be reimbursed to the vendor.
14.9	In respect of free issue material by BHEL, bidders have to return the processed material within the time line as per the provisions of GST. In case of any additional tax liability on BHEL on account of non-compliance by the bidder, the additional financial implications on BHEL shall be passed on to the bidder



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14.10	Bidders to provide the applicable HSN / SAC codes as called for in the enquiry
14.11	As per provisions of section 171 of the CGST Act 2017, bidders to pass on the anti-profiteering benefits accruing to them under GST regime to BHEL
14.12	<p>With reference to section 51 of CGST act 2017 read with notification no 50/2018 – Central tax dated 13.09.2018; BHEL will be liable to deduct TDS under GST with effect from 01.10.2018. Deduction shall be made @ 2% (1% CGST + 1% SGST) or 2% IGST (as applicable) of the payment made or the amount credited. Bidder to generate & submit invoices as per above.</p> <p>The amount of TDS shall be deposited to the Government account and BHEL shall issue TDS certificate to deductees, TDS deposited in the Government account will be reflected in the electronic cash ledger of the deductee who will be able to use the same for payment of tax or any other amount.</p> <p>Deduction of TCS along with additional TDS will be as per prevailing Government guidelines.</p>
15.	Taxes & Duties - Foreign Purchase — Imports
15.1	The offered prices shall be inclusive of all the Taxes and duties as applicable in the country of bidder / country of dispatch for the quoted CFR / CIF price.
16	Payment Terms-
16.1	Indigenous: 100% payment in 90 days of receipt (45 days for Micro & Small and 60 days for Medium enterprises as registered in Udyam certificate as per relevant MSME act in force) and subject to acceptance of material and relevant documents at BHEL. In case of despatch of material to site directly, site certification for receipt of materials is required unless otherwise provided for in the PO. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ "Repo Rate + 4%" for the purpose of bid evaluation.
16.2	Foreign: 100% against irrevocable, unconfirmed LC, payable within 90 days of the Bill of Lading (B/L) date or Payment terms of CAD payable on 90 th day of B/L / AWB. In case BHEL considers any deviation in payment terms i.e. early payment based on bidder's request, then bids shall be evaluated with loading @ "Repo Rate + 4%", for the credit period short of 90 days. The LC shall be established 2 months prior to shipment date, valid for period of 90 days, unless agreed otherwise. Documents to be submitted as per UCP600 and should reach BHEL/ BHEL's bank at least 7 days prior to vessel arrival.
16.3	Staggered Payment terms in case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision are desired with supply of items /goods will be separately mentioned in particular tender remarks /Special terms & condition /Additional terms and condition
16.4	Foreign bidders to submit declaration of Permanent Establishment and Business Connection (PEBC) for remittances purpose. Declaration to be submitted in formats either in Annexure A or B whichever is applicable as per their transaction entered into with BHEL. In the absence of certificates from the bidder, withholding tax at applicable rates along with surcharge and cess will be recovered at the time of remittance to the bidder.
16.5	Foreign bidders to submit Tax Residency Certificate (TRC) & Form 10F (for obtaining DTAA benefits) as per Annexure C in respect of services. The TRC is to be issued by the authorities of the government of bidder's country. If the informative part of the format (other than residency) is not furnished by the authorities the same may be furnished by the bidder as a declaration.
16.6	BHEL Bhopal is registered with (TReDS) platform. MSME bidders are requested to get registered with (TReDS) platform to avail the facility as per the GOI guidelines.
17	Inspection of Goods
17.1	The Bidder shall give adequate notice, of 1 week or as mutually agreed period, in writing to the Purchaser (in case Customer inspection is involved) or BHEL appointed TPIA about the date and place at which the goods will be ready for inspection/ testing, as provided for in the contract.



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17.2	<p>Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Bidder's premises or at his sub-contractor's premises at all reasonable times during execution of contract; Such inspection, examination and testing, if made, shall not absolve the Bidder from his obligations under the contract.</p> <p>Wherever required, BHEL may carry out testing at BHEL's testing Lab and in case of any rejection during such testing, replacement / rectification, as required, will have to be done by Supplier.</p> <p>If BHEL carries out any rectification of such rejected material, such cost will be recovered from Supplier's Bills.</p> <p>In case of Customer inspection as Supplier's Works, inspection clearance to be obtained from Customer and submitted to BHEL.</p>
17.3	<p>BHEL's representative from unit or Corporate Quality (CQ) is authorised to carry out audits along with TPIA at bidder's works before clearing the items for despatch.</p>
17.4	<p>All costs related to inspections and re-inspections shall be borne by the Bidder. In case of inspection by BHEL and / or BHEL's customer, the cost of to & fro passage and Boarding & Lodging shall be borne by the Purchaser / Customer, unless otherwise specifically agreed. In case of foreign bidders, the cost of third-party inspection, where called for, shall be deemed to be included in the quoted price. Bidder shall be responsible to provide assistance such as labour, materials, electricity, fuels, stores, apparatus, instruments at his cost, as may be required and as may be reasonably demanded to carry out such tests effectively.</p>
17.5	<p>REJECTION: If any goods are rejected, BHEL shall be at liberty to take action as per following:</p> <p>a) Allow the supplier, wherever mutually agreed, to rectify the rejected goods at BHEL's works within reasonable time as fixed by BHEL.</p> <p style="text-align: center;">Or</p> <p>b) Allow the supplier to make free replacement within a specified period. Rejected goods can be lifted by the supplier thereafter.</p> <p style="text-align: center;">Or</p> <p>c) In case payment has been done, allow supplier to refund equivalent value of rejected material by NEFT / RTGS or furnish Bank Guarantee for same amount before lifting the rejected goods. Fresh replacement shall be regulated as per terms and condition of the original Purchase Order. In case payment has not been done, at instructions from BHEL, supplier has to rectify the rejected goods at supplier's works within reasonable time as fixed by BHEL.</p> <p style="text-align: center;">Or</p> <p>d) Terminate the contract either in part or in whole at the discretion of BHEL and invoke Breach of Contract clause, if any, from the supplier.</p> <p style="text-align: center;">Or</p> <p>e) Any goods rejected by BHEL must be removed by the supplier after making payment through NEFT / RTGS within 30 days after receipt of the intimation of rejection. If bidder fails to lift or allow despatch of rejected material at his cost within 90 days from the intimation of rejection, his claim on rejected material shall cease.</p> <p style="text-align: center;">Or</p> <p>f) In exceptional cases, allow the supplier for one-time replacement of defective items (quantity) within reasonable time.</p>
18	<p>Guarantee / Warranty and corresponding Repairs / Replacement of Goods</p>



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18.1	<p>Manufacturer's works test/inspection certificates shall be furnished along with the guarantee that material conforms strictly to the specification for general & special conditions as laid down in the purchase order. Goods shall comply with the specifications for material, workmanship and performance. 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 Bidder 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 Bidder at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores/ designated destination basis) within such period. In the event of the Bidder's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Bidder.</p> <p>In case the defects attributable to Bidder are detected during processing of the goods at purchaser's / his subcontractor's works, the Bidder shall be responsible for free replacement/ repair of the goods as required by the purchaser.</p>
19	<p>NOTE: Deviations (Commercial as well as Technical) from the tender specifications and conditions are generally not acceptable. However, deviation if any, shall be brought out clearly with proper justification in the offer. The deviation, if considered by BHEL shall be loaded for comparison, while evaluating the offer. If a bidder unconditionally withdraws any deviation before price bid opening, the same shall not be loaded. Loading criteria in respect of major commercial conditions where deviations if any are accepted shall be as per clause No.19.</p>
19.1	Evaluation and Loading Criteria:
19.1.1	<p>The evaluation currency for this tender shall be INR.</p> <p>Evaluation of the tender shall be on the basis of delivered cost, i.e. 'Total Cost to BHEL/Landed cost to BHEL' w.r.t the technical scope and commercial conditions finalized after techno-commercial clarifications (after considering, inter alia, Customs Duty and GST / Other taxes as applicable). Exchange rate (TT selling rate of State Bank of India) applicable on the date of Part-I bid opening shall be considered for evaluation of foreign bids. If the relevant day happens to be a bank holiday in India, then the FOREX rate as on the previous bank working day shall be taken for evaluation.</p> <p>Foreign suppliers shall ensure that the benefits as applicable under Comprehensive Economic Partnership Agreement (CEPA) with Government of India are disclosed in the bid & relevant documents such as Certificate of Country of Origin, issued by the appropriate authority in the country of Export, is provided by the bidder along with dispatch documents.</p> <p>Bids shall be evaluated with such applicable benefits. In the event of Bidder failing to provide appropriate documents for Purchaser to avail disclosed concessional duty benefits in India, financial loss, so incurred, will be to the Bidder's account.</p>
19.1.2	<p>Common Loading factors (in case of deviation quoted by bidders)</p> <p>INDIGENOUS</p> <ol style="list-style-type: none"> 1) Deviation quoted in delivery terms in EX works against FOR destination: In case BHEL accepts the EX-Works prices, such offers will be suitably loaded with actual freight charges as per BHEL freight rate contract. 2) Loading (if any) in case of deviation in delivery period in delivery non- sensitive contracts will be declared separately in STC/ATC of particular tenders. <p>IMPORTS</p> <ol style="list-style-type: none"> 1) Offer received on FOB/FCA basis may be considered on an exceptional basis. BHEL will load freight, marine insurance & shipping line port handling charges etc. to work out landed cost at Sea Port. 2) Import duty, Taxes and duties as applicable on the date of Part-I bid opening. <p>COMMON LOADING FOR IMPORTS & INDIGENOUS that will be added for arriving the "Total Cost to BHEL"</p> <p>A. Loading on Deviated Penalty clause (LD) as per clause 9.1.14 of GTC</p> <p>B. Loading for payment terms as per clause 16.1 of GTC</p>
20	Variation of orders
20.1	No variation to the Purchase order is permitted unless authorised in writing and signed by or on behalf of purchase executive, BHEL Bhopal.
21	Sub-contract



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21.1	BHEL's order or part there off, if further to be subcontracted in exceptional circumstances the details of subcontracting and to whom to be subcontracted shall be furnished to BHEL and written permission shall be obtained from BHEL. However, it shall not absolve the supplier of the responsibility of fulfilling BHEL order requirements.
22	Recovery / deductions of amount from supplier
22.1	<ul style="list-style-type: none"> a Any amount on account of recovery from consignor / supplier under any condition shall be liable to be adjusted against any amount payable to the consignor/supplier against bills. b For any deficiency in supplies where deduction is involved, an amount as decided by BHEL, shall be deducted from supplier's bills. c If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.
23	Safety clause for purchase orders
23.1	<p>The bidders shall maintain and ensure sufficient safety measures as required for inspections and test like HV test. Pneumatic test, Hydraulic test Spring test, Bend test, Material handling and safe working environment etc. to enable Inspection Agency for performing inspection.</p> <p>The bidder shall ensure that all the safety precautions specified in factories Act 1948 chapter-IV Section-21 to 41 are complied with respect to equipment's to be inspected.</p> <p>If any test equipment is found not complying with proper safety requirement, then the inspection agency may withhold inspection, till such time the desired safety requirements are met.</p>
24	Non-Disclosure Agreement
24.1	<p>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. <u>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.</u></p>
	<p>DRAWINGS, PATTERNS & TOOLS: All drawings, patterns & tools supplied by BHEL or made at BHEL's expense are BHEL's property. These cannot be used or referred to any other party and must only be used in the execution of BHEL's orders. These should be preserved at the supplier's cost for a period of not less than 5 years. Patterns & tools should be returned to BHEL within 90 days of issue of the same.</p>
25	Settlement of Disputes & Arbitration
25.1	<p>25.1 SETTLEMENT OF DISPUTE If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not. If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 25.2</p>



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25.2	CONCILIATION Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.in)
25.3	ARBITRATION
25.3.1	Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 25.2 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to <i>sole arbitration of an arbitrator appointed by Head of the BHEL Unit/Region/Division issuing the Contract</i>
25.3.2	A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996(hereinafter referred to as the 'Notice') before referring the matter to <i>Arbitration</i> . The Notice shall be addressed to the Head of Unit, HEP Bhopal, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.
25.3.3	After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitrator and that dispute shall be adjudicated in accordance with <i>Arbitration and conciliation Act 1996</i> . The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the <i>respective Head of unit</i> . The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the <i>Arbitration and conciliation Act 1996</i> . The decision of the <i>respective Head of Unit of BHEL</i> for reference of dispute to a specific <i>Arbitrator</i> for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The Arbitrator-once <i>appointed</i> at the time of invocation of dispute shall remain unchanged.
25.3.4	The fee and expenses shall be borne by the parties as per the <i>Arbitration and conciliation Act 1996</i> .
25.3.5	The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Bhopal in the State of Madhya Pradesh,
25.3.6	Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Bhopal in the State of Madhya Pradesh,
25.3.7	Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
25.3.8	The Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
25.3.9	In case the disputed amount (Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
25.3.10	In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of clause 25.3.8 and 25.3.9. Disputes having cumulative value of less than 10 crores shall be



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	resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.
25.3.11	<p>In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:</p> <p>In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution of CPSEs Disputes) as mentioned in DPE OM No. 05/0003/2019-FTS- 10937 dated 14-12-2022 as amended from time to time</p>
26	< Blank >
27	RIGHT OF REJECTION /NON- PLACEMENT OF PO: BHEL reserves the right to accept the offers in part or in full, or cancel the Tender enquiry without assigning any reason.
28	Performance Bank Guarantee (PBG)/ Security Deposit (SD):
28.1	<p>Wherever Security Deposit (covering contract performance) is called for in the Tender /NIT, the Performance Bank Guarantee (PBG) or Security Deposit (SD), hereafter referred as performance security is to be submitted by the successful bidder awarded the contract. Performance security is to be submitted by the date specified in the contract. Modes of deposit:</p> <p>a) Performance security may be furnished in the following forms:</p> <ol style="list-style-type: none"> Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL. Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL. Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL). Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL). Insurance Surety Bond. <p>(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)</p> <p>b) In case of GTE tenders, the performance security should be in the same currency as the contract and must conform to Uniform Rules for Demand Guarantees (URDG 758) - an international convention regulating international securities. a) Performance Security is to be furnished by a specified date (generally 14(fourteen) days after notification of the award) and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.</p> <p>Forfeiture of Performance Security: The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier. PS shall be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract. The Performance Security shall not carry any interest.</p>
28.2	Composite 'Contract Performance Bank Guarantee' of matching value/ validity, where both Security Deposit and Performance Bank Guarantee are required, shall not be construed as deviation.
28.3	Wherever the contract is for supply of Goods processed on labour basis/mixed basis from BHEL supplied materials, the materials shall be issued against a suitable Bank guarantee as specified in the particular Enquiry/STC/ATC/Annexures.
28.4	Wherever PBG (covering equipment / system / work performance guarantee) is called for in the Notice Inviting Tender (NIT) deviation shall not be accepted
28.5	Bank Guarantee wherever called for, shall be in the BHEL prescribed format. In case the order is to be placed in foreign currency, the BG must also be in Foreign currency, so specified by the Purchaser



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28.6	Wherever Security Deposit (covering contract performance) is called for in the NIT, deviation shall not be accepted.
28.7	Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest "Repo Rate + 4%" for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT / contract, from the bills along with due interest
29	<u>Benefits earmarked for Purchase from Micro & Small Enterprises (MSEs) –</u> All benefits as per Government of India guidelines shall be given to eligible bidders. MSE bidders as defined by the MSMED Act as amended from time to time can avail the intended benefits only if they submit along with the offer, self-attested copies of relevant document, Udyam Registration as applicable stipulated in the MSMED Act or its rules/ regulations as amended from time to time and /or by the buyer. Non-submission of such documents as stipulated hereinbefore will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for the concerned for the tender enquiry, if any deficiency in the above required documents is not submitted before the price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL may reject the bid or, as the case may be, cancel the order and take necessary steps for suspension of the business dealing against the bidder as per the extant guidelines for suspension of business dealings with suppliers/ contractors of BHEL. Note: MSME benefits shall not be given to traders, Dealers or authorised agents. It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-1) shall prevail. As per the OM No. F. No. 1(2)(1)/2016-MA Dtd. 09.02.2017 issued from the Office of Development Commissioner (Micro, Small & Medium Enterprises), "Traders and agents should not be allowed to avail the benefits extended under the PP Policy". In view of this, it is clarified that benefits of MSE (such as EMD Waiver, Tender fee exemption, Price preference, Payment preference etc.) will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. No MSE benefits shall be provided to Agents / Stockists / Dealers / Traders etc. for the items offered but not manufactured by themselves.
29.1	MSEs shall be given tender documents free of cost and shall be exempted from payment of EMD. Tender documents shall be issued free of cost & no EMD wherever called for will be insisted upon. MSE bidders shall submit along with bid relevant documents w.r.t. their respective MSE status as per extant norms. Date to be reckoned for determining the deemed validity will be the last date of Technical bid submission. Non-submission of such document will lead to consideration of their bid, at par with other bidders and MSE status of such bidders shall be shifted to Non- MSE supplier till the supplier submit these documents.
29.2	In tender, participating MSEs quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than an MSE and such MSE shall be allowed to supply up to at least 25% of total tendered value. In case of more than one such MSE, the supply shall be shared proportionately. A quantum of 6.25% (25% out of target of 25%), so earmarked, will be reserved for MSE's owned by SC / ST entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 6.25% sub-target for procurement earmarked for MSE(s) owned by SC or ST entrepreneurs shall be met from other MSE(s). A quantum of minimum of 3% reservation within the above mentioned 25% reservation, so earmarked, will be reserved for MSE's owned by women entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 3% sub-target for procurement earmarked for MSE(s) owned by women entrepreneurs shall be met from other MSE(s).



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	In case of indivisible tender, the full quantity shall be awarded to L1.															
29.3	If an enterprise falling under MSE category as defined in the MSMED Act 2006, graduates to a higher category from its original category or beyond the purview of the Act, it shall continue to avail all non-tax benefits of its original category notified by the Ministry of Micro, Small and Medium Enterprise for a period of three years from the date of such graduation to the higher category.															
29.4	<p>MSE bidders as defined by the MSMED Act as amended from time to time can avail the intended benefits only if they submit, self-attested copies of Udyam Registration certificate, along with the offer. No benefits shall be applicable for the enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required self-attested documents are to be uploaded on the portal.</p> <p>No benefits shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required self-attested documents are to be uploaded on the portal.</p> <p>The deemed validity will be assessed on the date of bid opening (Part 1 in case of two-part bid). Non-submission of such documents as stipulated hereinbefore will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for the concerned for the tender enquiry, if any deficiency in the above required documents is not submitted before the price bid opening. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.</p> <p>In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL may reject the bid or, as the case may be, cancel the order and take necessary steps for suspension of the business dealing against the bidder as per the extant guidelines for suspension of business dealings with suppliers/ contractors of BHEL.</p> <p>In case if all the items being procured under the enquiry fall under category of reserved items as defined in “Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012” and if any of the MSE bidder(s) is techno commercially qualified then the price bids of only MSE bidders shall be opened. If no MSE bidder is techno-commercially qualified, then price bids of all techno-commercially qualified bidders shall be opened.</p>															
30	Integrity Pact (IP) — Independent external monitors (IEM) For tenders in which integrity pact is applicable, following points stand valid:															
30.1	<p>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.</p> <p>The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in 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 a preliminary qualification.</p> <div><div><div>Name: ----- Address: ----- --</div><div>}</div><div>----- ----- As indicated in NIT / enquiry E-mail: -----</div></div></div>															
30.2	<p>Please refer section 8 of the IP for roles and responsibilities of IEMs. In case of any complaint arising out of tendering process, the matter may be referred to the IEM mentioned in the tender.</p> <p>NOTE: No routine correspondence shall be addressed to the IEM (phone / post/e-mail) 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.</p> <p>For all clarifications/ issues related to the tender, please contact:</p> <table><tr><td></td><td>(1)</td><td>(2)</td></tr><tr><td>Name</td><td></td><td></td></tr><tr><td>Landline No.</td><td></td><td></td></tr><tr><td>Mobile No.</td><td></td><td></td></tr><tr><td>Email</td><td></td><td></td></tr></table>		(1)	(2)	Name			Landline No.			Mobile No.			Email		
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		Dept. Address Fax			
31	Fraud Prevention Policy : The Bidder along with its associate/ collaborators/ sub-contractors/ sub-bidders/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.				
32	Integrity Commitment: The offers of the bidders who are under suspension 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 . Integrity commitment, performance of the contract and punitive action thereof:				
32.1	Commitment by BHEL: BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all bidder(s) in a transparent and fair manner, and with equity.				
32.2	Commitment by bidder / Supplier / Contractor:				
32.2.1	<ul style="list-style-type: none"> - The bidder / supplier / contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal code, 1860 or any other law in force in India. - The bidder / supplier / contractor 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 and shall adhere to relevant guidelines issued from time to time by govt. of India / BHEL The bidder / supplier / contractor will perform / execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business / money / reputation to BHEL.				
32.2.2	If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution stage indulges in mal-practices, cheating, bribery, fraud or / and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then action may be taken against such bidder / supplier / contractor as per the extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions.				
32.2.3	Preventive checks to eliminate suspected cartel formation between suppliers The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines Declaration by Bidders We declare that the following family firms or sister concern affiliates/ subsidiary firms are participating in the tender No _____ 1.0 _____ 2.0 _____ 3.0 _____ I _____ hereby declare on behalf of M/s _____ and family firms or sister concern affiliates/ subsidiary firms listed above that we are not indulging in cartel formation for Enquiry No _____. <div style="text-align: right;"> (_____) </div> <div style="text-align: right;"> For M/s _____ </div> <div style="text-align: right;"> Seal and Sign </div>				



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	<p>Public Procurement (Preference to Make in India), Order 2017</p> <p>" The local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Non-local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT"</p>
33	<p>For this procurement, Public Procurement (Preference to Make in India), Order 2017 Dtd 19.7.2024 and subsequent orders issued by both DPIIT and the respective nodal ministries shall be applicable.</p> <p>Bidder to mention the percentage of local content and place of value addition to manufacture these items in the tender in MII self-certificate/ self-declaration certificate.</p> <p>Bidder to refer the Sample format of MII self-certificate (Annexure - 1) and sample certification format of statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) (Annexure- 2).</p>
34	<p>RESTRICTION UNDER RULE 144 (xi) OF THE GENERAL FINANCIAL RULES 2017: As per latest government guidelines</p>
34.1	<p>Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the competent authority.</p>
34.2	<p>"Bidder" (including the term 'tenderer', 'consultant' or service provider' in certain contexts means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies) every artificial juridical person not falling in any of the description of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in procurement process.</p>
34.3	<p>Bidder from a country which shares a land border with India" for the purpose of this order means: -</p> <ol style="list-style-type: none"> An entity incorporated, established or registered in such a country; or A subsidiary of an entity incorporated, established or registered in such a country; or An entity substantially controlled through entities incorporated, established or registered in such a country; or d. An entity whose beneficial owner is situated in such a country; or An Indian (or other) agent of such an entity; or A natural person who is a citizen of such a country; or A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
34.4	<p>The beneficial owner for the purpose of (iii) above will be as under:</p> <ol style="list-style-type: none"> In case of company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation – <ol style="list-style-type: none"> "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder's agreements or voting agreements. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership; In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals; Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;



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	5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
34.5	An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
34.6	Model certificate for Tenders <i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the competent authority. I hereby certify that this bidder fulfils all requirements in these regards and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]."</i>
35	<p><u>Treatment of cases regarding conflict of interest:</u></p> <p>The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:</p> <ol style="list-style-type: none"> 1) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly. 2) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating. 3) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM). from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate. 4) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV. <p>The Bidder shall declare that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.</p> <p>- Duly filled, seal and signed declaration to be submitted by bidders with Part1- techno commercial offers of each tender.</p>
36	Breach of contract, Remedies and Termination
36.1	<p>The following shall amount to breach of contract:</p> <ol style="list-style-type: none"> I. Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time.



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	<p>II. The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period.</p> <p>III. The Supplier/Vendor delivers equipment/ material not of the contracted quality.</p> <p>IV. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause.</p> <p>V. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract.</p> <p>VI. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.</p> <p>VII. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor.</p> <p>VIII. Any other reason(s) attributable to Vendor towards failure of performance of contract.</p> <p>In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor.</p> <p>IX. Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise.</p> <p>X. Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner.</p> <p>Note-Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days.</p> <p>In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.</p>
36.2	<p><u>Remedies in case of Breach of Contract.</u></p> <p>i) Wherein the period as stipulated in the notice issued under clause 14.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.</p> <p>ii) Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.</p> <p>iii) wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:</p> <p>iv) In case the amount recovered under sub clause (a) above is not sufficient to fulfil the amount recoverable then; a demand notice to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.</p> <p>v) If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:</p> <ol style="list-style-type: none"> from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract. If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to



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	<p>Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.</p> <p>c. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.</p> <p>vi) It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.</p> <p>vii) In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.</p> <p>Note: 1) The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries floated by BHEL to complete the balance work. The defaulting contractor shall mean and include: (a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor. (b) In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partners; or sole proprietorship firm owned by any partner(s) as a sole proprietor.</p>
37	<p>Option clause: The Purchaser reserves the right to decrease the quantity to be ordered at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.</p>
38	<p>NOTE: 1. In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / short close /modify the tender at any stage of execution. 2. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation.</p>
39	<p><u>Grievance Redressal Mechanism</u></p> <p>To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company.</p> <p>Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:</p> <ol style="list-style-type: none">1. First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract.2. Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: https://suvidha.bhel.in/suvidha/. Responses will be provided in accordance with the defined escalation matrix."

Note:

1.0 Tender Specific conditions shall override relevant provisions of this GTC

2.0 In the event of any change as notified by Govt. of India same will supersede the relevant GTC clause.



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Annexure 1

Format - Self Certificate for MII

CERTIFICATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19.7.24 AND SUBSEQUENT ORDER(S)

(To be provided on the Letter Head of the Entity/Firm)

To, _____ (Write Name and Designation of Officer of BHEL inviting the Tender);

Bharat Heavy Electricals Limited,
Piplani, Bhopal, MP-462022

Ref : 1) BHEL NIT/Tender Specification No: _____,
2) Name of items : _____
3) All other pertinent issues till date _____

We hereby certify that the items/works/services offered by _____ (specify the name of the organization here) has a local content of _____ % .

The local content % certified above is in line with definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 Revision dated 19.7.2024 issued by DPIIT and subsequent order(s) to qualify as _____ (Class-I/ CLASS-I I/ Non-Local supplier-fill in one which is applicable) local supplier.

The details of the location(s) at which the local value addition is made are as follows:

We confirm that the following has not been considered for calculation of local content:

- Imported items sourced locally from resellers/distributors.
- The license fees/ royalties paid/ technical charges paid out of India
- Refurbishment/Repackaging/ Rebranding of imported products
- services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc.

**We confirm that since contract involves supply of multiple items, weighted average of all items has been taken while calculating the local content.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

(Signature, Name, Designation, Date, Place & Seal of
Authorized Signatory of the Bidder)

** - Strike out whichever is not applicable

Note: For evaluation of qualification of bidder:

1. Bidder has to submit the above format, duly filled & signed by authorized signatory.
2. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.



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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

Annexure 2-

Format - Auditor Certificate for MII

CERTIFICATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19.7.24 AND SUBSEQUENT ORDER(S)

(To be provided on the Letter head of Auditor/PCA)

To,

(Write Name and Address of the bidder);

Ref : 1) BHEL NIT/Tender Specification No: 2) Name of items :
 3) All other pertinent issues till date

We statutory auditor of the company / cost auditor of the company / practicing cost accountant / practicing chartered accountant ** hereby certify that the items/works/services offered by..... (specify the name of the organization here) has a local content of _____ %

The local content % certified above is in line with the definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 Revision dated 19.7.2024 issued by DPIIT and subsequent order(s) to qualify as (Class-I/ CLASS-I I/ Non-Local supplier-fill in one which is applicable) local supplier.

The details of the location(s) at which the local value addition is made are as follows:

We confirm that the following has not been considered for calculation of local content:

- Imported items sourced locally from resellers/distributors.
- The license fees/ royalties paid/ technical charges paid out of India
- Refurbishment/Repackaging/ Rebranding of imported products
- services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc.

**We confirm that since contract involves supply of multiple items, weighted average of all items has been taken while calculating the local content.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Auditor Details

For(Firm Name)

Name of Auditor:

**Partner/Proprietor:

Membership No. **(ICAI/ICMAI): Firm Registration

No. (FRN): Signature & Seal of Auditor UDIN:

Date:

Place:



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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

** - Strike out whichever is not applicable.

Note: For evaluation of qualification of bidder:

1. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.
2. Certificate is required from Statutory Auditor or Cost Auditor (if the bidder is a company) or from a practicing Chartered Accountant or practicing Cost Accountant (if the bidder is other than a company) giving the percentage of local content.



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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
GENERAL TERMS AND CONDITIONS OF ENQUIRY

Company Letter head

Annexure **A**

Date: {insert date}

To,
Bharat Heavy Electricals Limited
Piplani
Bhopal-462023
Madhya Pradesh
India

I/We hereby certify (for the period from* _____ to _____) that,

1. {Name of company} (Vendor Code with BHEL) is a company incorporated on {insert date}{insert date} under the {Law of the Country}
2. It is a tax resident as per the Tax Laws of {country}.
3. The Company does not have and is not likely to have a permanent establishment in India as defined in Article 5 of the Agreement for Avoidance of Double Taxation between India and _____ ("the tax treaty" for short).
4. In this regard, it is further confirmed that:
 - the Company does not have or is not likely to have a fixed place of business in India through which its business is wholly or partly conducted as stipulated in Article 5 of the tax treaty
 - the Company does not have or is not likely to have any dependent agent in India as stipulated in Article 5 of the tax treaty
5. The company does not have any business connection in India as per Sec 9(1) of the Indian Income Tax Act 1961 through which business is carried on in India.

I hereby declare that the above information is correct and complete to the best of my knowledge and belief. Further I undertake to promptly inform the Company (i.e. BHEL) in writing should there be any change in the facts given above.

I/We, my/our legal heirs, executors and administrators hereby indemnify and keep indemnified the Company (i.e. BHEL) for any loss (including but not limited to tax, interest and penalty) suffered by as a result of the Company (i.e. BHEL) relying on this declaration and/or my delay/default in confirming the change, if any, in the facts mentioned above. This obligation shall be in force at all times.

This certificate is being issued to the Customer / Client / Payee to enable them to decide upon the With Holding Tax applicable on transaction with our company.

If there is any change in the above facts the same would be intimated to you.

For& On behalf of

{Insert name of the company}

Authorized Signatory with Seal

*The period can be decided by the issuer & no fresh certificate will be asked for releasing payment within this



BP 200102C

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL GENERAL TERMS AND CONDITIONS OF ENQUIRY

Company Letter head

Annexure **B**

Date: {insert date}

To,
Bharat Heavy Electricals Limited
Piplani
Bhopal-462023
Madhya Pradesh
India

I/We hereby certify (for the period from * _____ to _____) that,

1. {Name of company} (Vendor Code with BHEL) is a company incorporated on {insert date}{insert date} under the {Law of the Country}
2. It is a tax resident as per the Tax Laws of {country}.
3. The Company has its permanent establishment in India as defined in Article 5 of the Agreement for Avoidance of Double Taxation between India and _____ ("the tax treaty" for short).
And/or
4. the Company has a fixed place of business in India through which its business is wholly or partly conducted as stipulated in Article 5 of the tax treaty
And/or
5. the Company has agent (not of independent status) in India as stipulated in Article 5 of the tax treaty
And/or
6. The company has business connection in India as per Sec 9(1) of the Indian Income Tax Act 1961 through which its business is carried on in India.

But as far as our business dealing with your organization is concerned we are not using this permanent establishment and business connections and we are dealing directly from our office situated in _____.

I hereby declare that the above information is correct and complete to the best of my knowledge and belief. Further I undertake to promptly inform the Company (i.e. BHEL) in writing should there be any change in the facts given above.

I/We, my/our legal heirs, executors and administrators hereby indemnify and keep indemnified the Company (i.e. BHEL) for any loss (including but not limited to tax, interest and penalty) suffered by as a result of the Company (i.e. BHEL) relying on this declaration and/or my delay/default in confirming the change, if any, in the facts mentioned above. This obligation shall be in force at all times.

This certificate is being issued to the Customer / Client / Payee to enable them to decide upon the With Holding Tax applicable on transaction with our company.

If there is any change in the above facts the same would be intimated to you.

For & On behalf of

{Insert name of the company}



BP 200102C

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

FORM NO. 10F

[See sub-rule (1) of rule 21AB]

Information to be provided under sub-section (5) of section 90 or sub-section (5) of section 90A of the Income-tax Act, 1961

I..... *son/daughter of Shri..... in the capacity of
(designation) do provide the following information, relevant to the previous year..... *in my case/in the case
of..... for the purposes of sub-section (5) of *section 90/section 90A:—

Sl.No	Nature of information	:	Details #
(i)	Status (individual, company, firm etc.) of the assessee	:	
(ii)	Permanent Account Number or Aadhaar Number of the assessee if allotted	:	
(iii)	Nationality (in the case of an individual) or Country or specified territory of incorporation or registration (in the case of others)	:	
(iv)	Assessee's tax identification number in the country or specified territory of residence and if there is no such number, then, a unique number on the basis of which the person is identified by the Government of the country or the specified territory of which the assessee claims to be a resident	:	
(v)	Period for which the residential status as mentioned in the certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A is applicable	:	
(vi)	Address of the assessee in the country or territory outside India during the period for which the certificate, mentioned in (v) above, is applicable	:	

2. I have obtained a certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A from the Government of (name of country or specified territory outside India)

Signature:

Name:

Address:

Permanent Account Number or Aadhaar Number



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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL GENERAL TERMS AND CONDITIONS OF ENQUIRY

I do hereby declare that to the best of my knowledge and belief what is stated above is correct, complete and is truly stated.

Verified today the day of.....

.....
Signature of the person providing the information

Place:

Notes :

1. *Delete whichever is not applicable.

2. #Write N.A. if the relevant information forms part of the certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A.



BP 200102C

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL GENERAL TERMS AND CONDITIONS OF ENQUIRY

CBDT Notification dtd 28.03.2023 reg Partial relaxation in r/o filing of Form 10F electronically by select category of taxpayers

Dear sir/Madam,

The relaxation provided by the CBDT reg. Online Filing of Form 10F by the Non-resident taxpayer for availing the benefit of DTAA, has expired on 30.09.2023. Therefore, on the expiry of the exemption period, the Income-tax department has now enabled a new category under 'Others' while registering on the income tax portal, i.e., 'non-residents not holding and not required to have PAN'.

Procedure for registration

- The non-resident can click on the 'Register' option on the e-filing portal, i.e., <https://www.incometax.gov.in/iec/foportal>
- Under the 'others' category, there is an option to choose 'non-residents not holding and not required to have PAN'.
- Certain basic details will need to be entered, like name, date of incorporation, tax identification number, status, and country of residence.
- The non-resident will then have to provide the details of the key person, i.e., name, date of birth, etc.
- The next step is to provide contact details, i.e., email address and mobile number, which will be verified through an OTP.
- Lastly, the non-resident will need to upload certain documents like its TRC, address proof, identification proof, and any other document if required.

Once the non-resident is registered on the portal, it can file Form 10F electronically without having to obtain a PAN in India.

In view of, It is to be ensured that while providing DTAA benefit to Non-resident, it must be ensured that e-filed Form 10F is obtained along with other documents (i.e. TRC, NO PE etc.) to avoid any additional demand, penalty, interest etc.

Manual Form 10F shall not be accepted by the I.T. Deptt. for Payment made to Non-resident on or after 01.10.2023.



GUIDELINES FOR REVERSE AUCTION - 2024

(AA:SSP:RA:00 dated 05.12.2024)

ABRIDGED VERSION

BHEL, New Delhi

Guidelines for Reverse Auction – 2024

Doc. No. AA:SSP:RA:00
Dated: 05.12.2024

1.0 Scope

This document describes the guidelines to be followed by BHEL for conducting Reverse Auction (RA) for procurement of material/ works/ services. The RA shall follow the philosophy of English Reverse (No ties).

English Reverse (No ties) is a type of auction where the starting price and bid decrement are announced before start of online reverse auction. The interested bidders can thereupon start bidding in an iterative process wherein the lowest bidder at any given moment can be displaced by an even lower bid of a competing bidder, within a given time frame. The bidding is with reference to the current lowest bid in the reverse auction. All bidders will see the current lowest quoted price and their rank. The term 'No ties' is used since more than one bidder cannot give an identical price, at a given instant, during the reverse auction. In other words, there shall never be a tie in the bids.

3.0 Upfront declaration in NIT

Decision to go for RA would be taken before floating of the tender. In case it is decided to go for RA, same shall be declared upfront in NIT by inserting the following **clause**:

"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders.

Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed price bid along with applicable loading, if any, shall be considered for ranking."

6.0 Business rules for RA

Model Annexure-I is attached.

7.0 Role of Service Provider

- (1) Acknowledge the receipt of mandate from BHEL.
- (2) Contact the bidders, provide business rules and train them, as required.
- (3) Get the process compliance form (annexure III) signed by all the

Guidelines for Reverse Auction – 2024

Doc. No. AA:SSP:RA:00
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- participating bidders before RA event.
- (4) Conduct the event as per the contract and business rules.
- (5) Submit the Login Reports, Results, History sheet and authorized final bid from the bidders.
- (6) To obtain price breakup from successful bidder and submit the same to BHEL.

10.0 Reverse Auction Process

- 10.1. Reverse Auction will be conducted if two or more bidders are techno-commercially qualified.
- 10.2. Wherever RA is opted in a tender, the techno-commercially qualified H1 will not be allowed to participate in RA. In case more than one H1 bidder quote the same rate, the Price Offer received last, as per the time log of the Portal, shall be removed first, on the principle of last in, first out by the system.
- 10.3. However, H1 will be allowed to participate in RA in the following cases:
 - a) If number of techno-commercially qualified bidders are only 2 or 3.
 - b) In case Primary product of only one OEM is left in contention for participation in RA on elimination of H1.
 - c) For cases where there are more than 3 techno-commercially qualified bidders, if lowest bidder in sealed price bid is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE lowest bidder.
 - d) For cases where there are more than 3 techno-commercially qualified bidders, if lowest bidder in sealed price bid is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII lowest bidder.
- 10.4. Only those bidders who submit the online sealed bid within the scheduled time shall be eligible to participate further in the RA process.
- 10.7. During RA, all bidders will see their rank and current L1 price on the screen. Once the RA is done, the ranking status would be based on the last quoted price of the bidder(s) irrespective of the quote received in RA or sealed price bid.

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- 10.8 No bidder shall be allowed to lower its bid below the current L1 by more than 5 decrements at one go.

13.0 Others

- 13.2 In case of enquiry through e-Procurement, the sealed electronic price bid (e-bid) is to be treated as sealed price bid.
- 13.3 BHEL will inform bidders the details of service provider who will provide business rules, all necessary training and assistance before commencement of online bidding.
- 13.4 Bidders will be advised to read the 'Business Rules' indicating details of RA event carefully, before reverse auction event.

---XXX---

ABRIDGED VERSION

Guidelines for Reverse Auction – 2024

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Business Rules for Reverse Auction

Annexure – I

This has reference to tender no **{tender number....date...}**. BHEL shall finalise the Rates for the supply of **{item name}** through Reverse Auction mode. BHEL has made arrangement with M/s. **{Service provider}**, who shall be BHEL's authorized service provider for the same. Bidders should go through the instructions given below and submit acceptance of the same.

The technical & commercial terms are as per (a) BHEL Tender Enq. No. {...} dated {...}, (b) Bidders' technical & commercial bid (in case of two part bid) and (c) subsequent correspondences between BHEL and the bidders, if any.

1. Procedure of Reverse Auctioning

- i. Price bids of all techno-commercially qualified bidders shall be opened.
- ii. **Reverse Auction:** The 'bid decrement' will be decided by BHEL.
- iii. The lowest bidder in sealed price bid shall be shown as current L1 automatically by the system and no acceptance of that price is required. System shall have the provision to indicate this bid as current L1.
- iv. Bidders by offering a minimum bid decrement or the multiples thereof can displace a standing lowest bid and become "L1" and this continues as an iterative process. However, no bidder shall be allowed to lower its bid below the current L1 by more than 5 decrements at one go.
- v. After the completion of the reverse auction, the Closing Price shall be available for further processing.
- vi. Wherever the evaluation is done on total cost basis, after Reverse Auction, prices of individual line items shall be reduced on pro-rata basis.

2. Schedule for reverse auction: The Reverse Auction is tentatively scheduled on **{date}**: **{start time}**: **{Close Time}**: **}**.

3. Auction extension time: If a bidder places a bid in the last {...} minutes of closing of the Reverse Auction and if that bid gets accepted, then the auction's duration shall get extended automatically for another {...} minutes,

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Business Rules for Reverse Auction

Annexure – I

for the entire auction (i.e. for all the items in the auction), from the time that bid comes in. Please note that the auto-extension will take place only if a bid comes in those last {...} minutes and if that bid gets accepted as the lowest bid. If the bid does not get accepted as the lowest bid, the auto-extension will not take place even if that bid might have come in the last {...} minutes. In case, there is no bid in the last {...} minutes of closing of Reverse Auction, the auction shall get closed automatically without any extension. However, bidders are advised not to wait till the last minute or last few seconds to enter their bid during the auto-extension period to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.

The above process will continue till completion of Reverse Auction.

Complaints/ Grievances, if any, regarding denial of service or any related issue should be given in writing thru e-mail/ fax to M/s. {Service provider} with a copy to BHEL within 15 minutes prior to initial closing time of Reverse Auction.

4. **Bid price:** The Bidder has to quote the {...} Price inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, taxes, duties, freight and insurance as specified in tender document, including loading (if indicated by BHEL due to deviations in technical/ commercial terms) for the Items specified. Details are as shown in Excel Sheet for calculation of total cost to BHEL (To be specified by Unit as per NIT conditions).
5. **Bidding currency and unit of measurement:** Bidding will be conducted in Indian Rupees per Unit of the material as per the specifications {...}

In case of foreign currency bids, exchange rate (TT selling rate of State Bank of India) as on scheduled date of tender opening (Part-I bid) shall be considered for conversion in Indian Rupees. If the relevant day happens to be a Bank holiday, then the forex rate as on the previous bank (SBI) working day shall be taken.

6. **Validity of bids:** Price shall be valid for {... days} from the date of reverse auction. These shall not be subjected to any change whatsoever.

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Business Rules for Reverse Auction

Annexure – I

7. **Lowest bid of a bidder:** In case the bidder submits more than one bid, the lowest bid at the end of Reverse Auction will be considered as the bidder's final offer to execute the work.
8. Unique user IDs shall be used by bidders during bidding process. All bids made from the Login ID given to the bidders will be deemed to have been made by the bidders/ bidders' company.
9. **Post auction procedure:** BHEL will proceed with the Lowest Bid in the Reverse Auction for further processing.
10. Any commercial/ technical loading shall be separately intimated to respective bidders prior to RA. The excel sheet provided in this regard shall cover all these aspects. Commercial/ technical loading if any, shall be added by the respective bidder in its price during Reverse Auction. Modalities of loading & de-loading shall be separately intimated to the bidders. The responsibility for correctness of total cost to BHEL shall lie with the bidders.
11. Reverse auction shall be conducted by BHEL (through M/s {Service Provider}), on pre-specified date, while the bidders shall be quoting from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.

During the RA process if a bidder is not able to bid and requests for extension of time by FAX/ email/ phone then time extension of additional 15 minutes will be given by the service provider provided such requests come before 5 minutes of auction closing time. However, only one such request per bidder can be entertained.

In order to ward-off contingent situation of connectivity failure bidders are requested to make all the necessary arrangements/ alternatives whatever required so that they are able to circumvent such situation and still be able to participate in the reverse auction successfully. Failure of power or loss of connectivity at the premises of bidders during the Reverse auction cannot be the cause for not participating in the reverse auction. On account of this, the time for the auction cannot be extended and neither BHEL nor M/s. {Service provider} is responsible for such eventualities.

Guidelines for Reverse Auction – 2024

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Business Rules for Reverse Auction

Annexure – I

12. Proxy bids: Proxy bidding feature is a pro-bidder feature to safe guard the bidder's interest of any internet failure or to avoid last minute rush. The proxy feature allows bidders to place an automated bid in the system directly in an auction and bid without having to enter a new amount each time a competing bidder submits a new offer. The bid amount that a bidder enters is the minimum that the bidder is willing to offer. Here the software bids on behalf of the bidder. This obviates the need for the bidder participating in the bidding process until the proxy bid amount is decrementally reached by other bidders. When proxy bid amount is reached, the bidder (who has submitted the proxy bid) has an option to start participating in the bidding process.

The proxy amount is the minimum amount that the bidder is willing to offer. During the course of bidding, the bidder cannot delete or change the amount of a proxy bid.

Bids are submitted in decrements (decreasing bid amounts). The application automates proxy bidding by processing proxy bids automatically, according to the decrement that the auction originator originally established when creating the auction, submitting offers to the next bid decrement each time a competing bidder bids, regardless of the fact whether the competing bids are submitted as proxy or standard bids. However, it may please be noted that if a manual bid and proxy bid are submitted at the same instant manual bid will be recognized as the L1 at that instant.

In case of more than one proxy bid, the system shall bid till it crosses the threshold value of 'each lowest proxy bid' and thereafter allow the competition to decide the final L1 price.

Proxy bids are fed into the system directly by the respective bidders. As such this information is privy only to the respective bidder(s).

13. Bidders are advised to get fully trained and clear all their doubts such as refreshing of Screen, quantity being auctioned, tender value being auctioned etc from M/s {Service provider}.
14. M/s. {Service provider}, shall arrange to demonstrate/ train the bidder or bidder's nominated person(s), without any cost to bidders. M/s. {Service provider}, shall also explain the bidders, all the business rules related to the

Guidelines for Reverse Auction – 2024

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Business Rules for Reverse Auction

Annexure – I

Reverse Auction. Bidders are required to submit their acceptance to the terms/ conditions/ modalities before participating in the Reverse Auction in the process compliance form as enclosed. Without this, the bidder will not be eligible to participate in the event.

15. Successful bidder shall be required to submit the final prices (L1) in prescribed format (Annexure – VI) for price breakup, quoted during the Reverse Auction, duly signed and stamped as token of acceptance without any new condition (other than those already agreed to before start of auction), after the completion of auction to M/s. {Service provider} besides BHEL within two working days of Auction without fail.
16. Any variation between the final bid value and that in the confirmatory signed price breakup document will be considered as tampering the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings (as available on www.bhel.com).
17. Bidders' bid will be taken as an offer to execute the work/ supplies the item as per enquiry no. {...} dt. {...}. Bids once made by the bidder, cannot be cancelled/ withdrawn and bidder shall be bound to execute the work as mentioned above at bidder's final bid price. Should bidder back out and not execute the contract as per the rates quoted, BHEL shall take action as per extant guidelines for suspension of business dealings (as available on www.bhel.com).
18. Bidders shall be able to view the following on their screen along with the necessary fields during Reverse Auction:
 - a. Leading (Running Lowest) Bid in the Auction (only total price of package)
 - b. Bid Placed by the bidder
 - c. Start Price
 - d. Decrement value
 - e. Rank of their own bid during bidding as well as at the close of auction.
19. BHEL's decision on award of contract shall be final and binding on all the Bidders.
20. BHEL reserves the right to extend, reschedule or cancel the Reverse Auction process at any time, before ordering, without assigning any reason, with

Guidelines for Reverse Auction – 2024

Doc. No. AA:SSP:RA:00

Dated: 05.12.2024

Business Rules for Reverse Auction

Annexure – I

intimation to bidders.

21. BHEL shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause. In such cases, the decision of BHEL shall be binding on the bidders.
22. Other terms and conditions shall be as per bidder's techno-commercial offers and other correspondences, if any, till date.
23. If there is any clash between this business document and the FAQ available, if any, in the website of M/s. {Service provider}, the terms & conditions given in this business document will supersede the information contained in the FAQs. Any changes made by BHEL/ service provider (due to unforeseen contingencies) after the first posting shall be deemed to have been accepted if the bidder continues to access the portal after that time.
24. Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines for suspension of business dealings (as available on www.bhel.com), shall be initiated by BHEL.

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 **Complete Machining of Bottom Shaft as per Annexure-I (E2863013)** (hereinafter referred to as "Contract"). 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 panel of Independent External Monitor(s) (IEMs), 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. The Bidder(s)/ Contractor(s) commits himself to observe the following principles during 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 Bharatiya Nyaya Sanhita (BNS) and Prevention of Corruption 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 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. 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.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and shall await their decision in the matter.

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, terminate the contract, if already awarded, exclude from future business dealings and/ 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 (s) from the tender process before award / order acceptance according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal is entitled to terminate the Contract according to Section 3, or terminates the Contract in application of Section 3 above, the Bidder(s)/ Contractor (s) transgression through a violation of Section 2 above shall be construed breach of contract and the Principal shall be entitled to demand and recover from the Contractor an amount equal to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher, as damages, in addition to and without prejudice to its right to demand and recover compensation for any other loss or damages specified elsewhere in the contract.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 (three) years (to be reckoned from date of bid submission) with any other company in any country conforming to the anti-corruption approach in India that could justify his exclusion from the tender process. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The transgression(s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.
- 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 or action can be taken as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 6 - Equal treatment of all Bidder (s)/ Contractor (s) / Sub-contractor (s)

- 6.1 The Principal will enter into Integrity Pacts with identical conditions as this Integrity Pact with all Bidders and Contractors.
- 6.2 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of Sub-contracting, the Principal Contractor shall be solely responsible for the adherence to the provisions of IP by the sub-contractor(s).
- 6.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

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 panel of Independent External Monitor (s) (IEMs) for this Integrity Pact. The task of the IEMs is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Integrity Pact on receipt of any complaint by them from the bidder(s).
- 8.2 The IEMs are 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 IEMs shall be provided access to all documents/ records pertaining to the Contract, for which a complaint or issue is raised before them as and when warranted. However, the documents/records/information having National Security implications and those documents which have been classified as /Top Secret are not to be disclosed.
- 8.4 The Principal will provide to the IEMs 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 IEMs the option to participate in such meetings.
- 8.5 The role of IEM is advisory and the advice of IEM is non- binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.

- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of the tendering process, the matter should be examined by the full panel of IEMs jointly, who would look into the records, conduct an examination, and submit their joint recommendations to the Management. In case the full panel is not available due to some unavoidable reasons, the available IEM(s) will conduct examination of the complaints. Consent of the IEM(s), who may not be available, shall be taken on record.
- 8.7 The IEMs shall examine all the representations/grievances/ complaints received by them from the bidders or their authorized representative related to any discrimination on account of lack of fair play in modes of procurement and bidding systems, tendering method, eligibility conditions, bid evaluation criteria, commercial terms & conditions, choice of technology/ specifications etc.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the IEMs and its terms and conditions.
- 8.9 IEMs should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the Principal should be looked into by the CVO of the Principal.
- 8.10 If the IEMs have reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code / Prevention of Corruption 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 IEMs may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 After award of work, the IEMs shall look into any issue relating to execution of Contract, if specifically raised before them. As an illustrative example, if a Contractor who has been awarded the Contract, during the execution of Contract, raises issue of delayed payment etc. before the IEMs, the same shall be examined by the panel of IEMs.
- 8.12 However, the IEMs may suggest systemic improvements to the management of the Principal, if considered necessary, to bring about transparency, equity and fairness in the system of procurement.
- 8.13 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This Integrity Pact is subject to Indian Laws and exclusive jurisdiction shall be of the competent Courts as indicated in the Tender or Contract, as the case may be.
- 10.2 Changes and supplements as well as termination notices need to be made in writing.

- 10.3 If the Bidder(s)/ Contractor(s) is a partnership or a consortium or a joint venture, this Integrity Pact shall be signed by all partners of the partnership or joint venture or all consortium members.
- 10.4 Should one or several provisions of this Integrity Pact turn out to be invalid, the remainder of this Integrity Pact 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 Integrity Pact with the Principal would be competent to participate in the bidding. In other words, entering into this Integrity Pact would be a preliminary qualification.
- 10.6 In the event of any dispute between the Principal and Bidder(s)/ Contractor(s) relating to the Contract, in case, both the parties are agreeable, they may try to settle dispute through Mediation before the panel of IEMs in a time bound manner. If required, the Principal may adopt any mediation rules for this purpose. However, not more than five meetings shall be held for a particular dispute resolution. The fees/expenses on dispute resolution shall be equally shared by both the parties. In case, the dispute remains unresolved even after mediation by the panel of IEMs, either party may take further action as the terms & conditions of the Contract.

Sima Sinha
सीमा सिन्हा / SIMA SINHA
 वरि. प्रबंधक / Sr. Manager
 ए एस सी विभाग / ASC Division
 बी.एस.एल. भोपाल / BHEL, BHOPAL
 For & On behalf of the Principal
 (Office Seal)

For & On behalf of the Bidder/ Contractor
 (Office Seal)

Place Bhopal
 Date 04-06-2026

Witness: Sandeep
 (Name & Address) Sandeep Kumar Saxena
ASC-M.M., BHEL Bhopal.

Witness: _____
 (Name & Address) _____

Clause on IP in the tender**Integrity Pact (IP)**

- (a) 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. Following Independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

SI	IEM	Email
1.	Dr. Sarat Kumar Acharya, Ex-CMD, NLC	iem1@bhel.in
2.	Shri R. Mukundan, IRPS (Retd.)	iem2@bhel.in
3.	Shri Madan Lal Meena, IAS (Retd.)	iem3@bhel.in

- (b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part 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 a preliminary qualification.
- (c) Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the panel of IEMs. All correspondence with the IEMs shall be done through email only.

Note:

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 clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are provided below:

Details of contact person(s):

(1)
 Name: Simra Sinha (Sr. Mgt)
 Deptt: ASC-MM
 Address: Room N. 4. HRDC GF
 Phone: (Landline/ Mobile)
 Email: Simrasinha@bhel.in
 Fax: _____

(2)
 Name: Sandeep Ku. Saxena
 Deptt: ASC-MM (Asst)
 Address: Room N. 4 HRDC GF
 Phone: (Landline/ Mobile)
 Email: SK.Saxena@bhel.in
 Fax: _____

**Bharat Heavy Electricals Limited, Bhopal (India)****(A Govt. of India Undertaking)**

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Part 1/Cover 1 : Techno-Commercial Bid

(To be filled by supplier and submit with offer)

BHEL BHOPAL Tender No.: E2863013**Item:** COMPLETE MACHINING OF BOTTOM SHAFT AS PER ANNEXURE I

PROJECT- POLAVARAM HEP

QTY- 05 ST

NIT Remarks:

1. RA shall be conducted. Please refer RA guideline given in enquiry for RA process.

2. Loading factor for NIT:

2.a) Third party inspection charges done by BHEL: Stage and final inspection is in BHEL scope hence a loading @ Inspection Charges 0.242% of basic quoted rate for local inspection and @ 0.173% of basic quoted rate for outside Bhopal inspection shall be done.

2.b) Transportation to and fro is in BHEL Bhopal scope, hence suitable loading for transportation charges both ways and transit insurance shall be done on your basic quoted rate as per BHEL policy. This loading shall be intimated to you before price bid opening.

Please take cognizance of above loading factors while submitting your quotation. Before Reverse Auction BHEL shall provide price calculation excel sheet (annexure vii) to vendors to calculate total landed cost to BHEL. The start price will be inclusive of inspection charges, transportation & transit insurance charges. RA shall be conducted with total landed cost to BHEL. PO shall be placed on successful bidder with basic rate corresponding to the final landed cost to BHEL.

3. Security/Bank guarantee, solvency and undertaking is required against issue of free issue material from BHEL as detailed in special term and condition of enquiry.

4. Relaxation in PQR provided under MSEs or Start up as recognized by DPIIT- **No.**

5. EMD of Rs 6 lacs is applicable (except Manufacturer, MSEs or Start-up as recognized by DPIIT).

SIN o.	Elements	Standards	To be offered/confirmed by supplier
1	BHEL BHOPAL Supplier Code (if already registered in BHEL Bhopal)	As per supplier	
2	Supplier/firm Name	As per supplier	
3	GSTIN NUMBER	As per supplier	
4	PAN NUMBER	As per supplier	
5	Quotation Reference and Date	As per supplier	Ref No..... Dt.....
6	HSN/SAC Code	As per supplier	
7	(CGST % & SGST %) or IGST%	As per supplier	(CGST % & SGST %) or IGST %
8	Supply from address/Work address (City Name, State / UT)	As per supplier	



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India Undertaking)

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Part 1/Cover 1 : Techno-Commercial Bid

9	Delivery Point.	Ex. Works	
10	E-Mail	As per supplier	
11	Phone/Mobile	As per supplier	
12	Contact Person & Designation	As per supplier	
13	Office Address	As per supplier	
14	Minimum delivery period to be quoted in no of weeks/days from the date of receipt of material at your works.	1) Accepted as per NIT or 2) Not accepted then supplier to mention the delivery conditions	
15	Prices shall be firm	Yes	
16	Acceptance of INSPECTION as per NIT (at source as per QAP/Drawing and at BHEL as per QAP/Drawing)	Yes	
17	PQR/Technical Specifications /conditions/scope of work	Accepted as per enquiry / Accepted with deviation (If select Accepted with deviation, please mention the deviation)	
18	TC, GC and All Inspection report as per tender enquiry and specification as applicable will be submitted along with each consignment.	Yes /No (In case of "No" your offer may be rejected).	
19	Quotation Validity will be 120 days from the date of techno-commercial bid opening.	Yes	
20	Are you registered under MSME ACT 2006 as small or micro	Yes / No (If Yes, Micro/Small/Medium) please enclosed valid UDYAM registration certificate	
21	Type Under MSE	SC/ST owned/ women owned/others (excluding SC/ST owned & women owned)	
22	Confirm whether bidder is Manufacturer or Trader or Dealer or Agent of items under enquiry.	As per supplier	
23	Acceptance of Payment terms as given in GTC	100% payment in 90 days of receipt (45 days	



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India Undertaking)

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Part 1/Cover 1 : Techno-Commercial Bid

		for Micro & Small and 60 days for Medium enterprises as registered in Udyam certificate as per relevant MSME act in force) and subject to acceptance of material and relevant documents at BHEL. In case of despatch of material to site directly, site certification for receipt of materials is required unless otherwise provided for in the PO. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ "Repo Rate + 4%" for the purpose of bid evaluation.	
24	Acceptance of all annexures, scope of work, BHEL Enquiry Office Copy, PQR, QAP, etc. as attached.	Yes	
25	To and Fro transportation and Insurance will be in BHEL scope. However, loading of transportation charges both ways and insurance shall be done on your quoted rate as per BHEL policy which shall be intimated to you before price bid opening.	Yes	
26	Confirmation of submission of EMD of Rs 6 lacs (except Manufacturer, MSEs or Startup as recognized by DPIIT	Yes/Exempted	
27	Submission of sealed and signed Integrity Pact (I/P)	Yes /No (In case of "No" your offer may be rejected).	



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India Undertaking)

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Part 1/Cover 1 : Techno-Commercial Bid

28	Penalty: - LD shall be 0.5% of the undelivered portion per week of delay or part thereof, subject to a maximum of 10% of the undelivered order value owing to delayed delivery. (as given in GTC).	Yes / No (In case of "No", your offer will be loaded suitably)	
29	Acceptance of General Terms and Conditions of enquiry (Form No. BP_200102C) & BHEL P.O. Terms & Conditions (Indigenous) MM5527 (available at B2B site of BHEL Bhopal).	Yes (In case of "No" your offer may be rejected).	
30	Kindly confirm whether other family firms or sister concern affiliates / subsidiary firms are participating in the same tender, so as to eliminate the possibility of cartel formation.	Yes/No [If 'Yes' Kindly submit signed and sealed Annexure-IX (given with STC) with your offer]	
31	Acceptance of Security against Free Issue Material. Security value against Free Issue Material shall be 10% of material value issued to you. Refer attached A-form for material value.	Yes (In case of "No" your offer may be rejected).	
32	Acceptance of special term and condition of labour basis enquiry.	Accepted as per enquiry / Accepted with deviation (If select Accepted with deviation, please mention the deviation)	
33	By filling "Yes" in adjacent Box, I hereby declare & confirm that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.	As per supplier	



Bharat Heavy Electricals Limited, Bhopal (India)

(A Govt. of India Undertaking)

Ancillary & Subcontracting Division, HRDC Building, Ground floor, BHEL Bhopal

Part 1/Cover 1 : Techno-Commercial Bid

- 1) Deviation in any commercial condition shall be suitably loaded in the offered price.
- 2) In case of any conflict, confirmation by vendor provided here will supersede.
- 3) In case bidder is not making an offer against this enquiry, we request the bidder to post the regret letter.
- 4) " For goods / works / services on Indian Suppliers / Contractors: Irrespective of the value of the invoice amount, the supplier/ contractor should necessarily upload the invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/>, prior to despatch/raising invoice. All documents as per contract checklist , along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs five lakhs in case the requirement for digitally signed invoice is not explicitly mentioned in the contract checklist . The Invoice will not be accepted in absence of the above. "

Name of Supplier :

Seal & Sign of supplier

A-FORM



FORM NO BP-0021

BHARAT HEAVY ELECTRICALS LIMITED - BHOPAL **MM DEPARTMENT**

ESTIMATE SHEET FOR ISSUE OF MATERIAL/COMPONENTS FROM BHEL

CHECKLIST

A-FORM NO : A203A82
 REV NO : 0
 A-FORM DATE : 20-MAY-26
 PRINT DATE : 20-MAY-26
 PAGE : 1 / 2

DEPARTMENT : 203 PROJECT : POLAVARAM PO NO : A203A82 END PRODUCT : M/CED BOTTOM SHAFT
 INDENT NO : 320362430 WORK ORDER NO : 30308A23154 PO DATE : DELY REQD : 05072026
 INDENT DATE : 20052026 MATERIAL ISSUE DIV : 203 SUPP CODE : SUPP NAME :

DETAILS OF FINISHED GOODS

A-SLNO	PO IT NO	PI IT NO	QUANTITY REQUIRED	UNIT	SHOP NO	DEST CD	COST CD	H.CELL
DESCRIPTION OF SUB-ASSEMBLY/ITEM & WEIGHT/VOLUME/AREA								

FREE ISSUE MATERIAL PER UNIT OF FINISHED GOODS

MATL CODE	QTY PSL UNIT	PSL UNIT	RATE PSL UNIT	TOTAL MATL TO BE ISSUED	ISSUE UNIT	PSL/ WIP	SMIV/ PPMIV NO	MATERIAL VALUE	TARRIF HEAD	MATL ISSUE QTY
DESCRIPTION OF FREE ISSUE MATERIAL AND WEIGHT /VOLUME/AREA										
1	0	1		5.000	ST	203	203	203	203	
BOTTOM SHAFT FORGING										
HG4303018015	1.0000	NO	30572100.000	5.00	NO	WIP		152860500.000		1.0000
RAW MATERIAL WILL BE ISSUED BOTTOM SHAFT FORGING AS PER DRG 32540112701.										
R/M WT (kg) PER UNIT: 68706.7 F/M WT (kg) PER UNIT: 59274 Scrap Rate (Rs/kg): 35.7										
2	0	1		5.000	ST	203	203	203	203	
BOTTOM SHAFT SHIPPING STAND										
HG4303136115	1.0000	KG	466773.000	5.00	KG	WIP		2333865.000		1.0000
RAW MATERIAL WILL BE ISSUED BOTTOM SHAFT SHIPPING STAND AS PER DRG 12545112710.										
R/M WT (kg) PER UNIT: F/M WT (kg) PER UNIT: Scrap Rate (Rs/kg):										
3	0	1		5.000	ST	203	203	203	203	
BOTTOM SHAFT OIL RETAINING SLEEVE										
NA	1.0000	ST	72614.000	5.00	ST	WIP		363070.000		1.0000
RAW MATERIAL WILL BE ISSUED BOTTOM SHAFT OIL RETAINING SLEEVE AS PER DRG 12570112710.										
R/M WT (kg) PER UNIT: F/M WT (kg) PER UNIT: Scrap Rate (Rs/kg):										
4	0	1		5.000	ST	203	203	203	203	
STUD M24X300 LG										
NA	4.0000	ST	107.000	20.00	ST	WIP		2140.000		4.0000
STUD M24X300 LG WILL BE ISSUED FOR CLAMPING OF ORS WITH SHAFT WHILE MACHINING.										
R/M WT (kg) PER UNIT: F/M WT (kg) PER UNIT: Scrap Rate (Rs/kg):										

1 MATERIAL TO BE ISSUED ON :- FREE ISSUE BASIS
 2. TRANSPORT TO BE PROVIDED BY :- SUPPLIER
 3. EXCISE DUTY ON ISSUE MATL TO BE BORNE BY :- SUPPLIER
 4. SCRAP TO BE RETURNED :- NO
 5 INVARIABLY ISSUE WT. TO BE RECORDED ON SMIV/PMIV

SIGNATURE OF INDENTOR
 NAME
 DESIGNATION
 TELEPHONE

SIGNATURE OF ASC EXECUTIVE
 NAME
 DESIGNATION
 TELEPHONE

RPT-101

A-FORM



FORM NO BP-0021

BHARAT HEAVY ELECTRICALS LIMITED - BHOPAL

MM DEPARTMENT

ESTIMATE SHEET FOR ISSUE OF MATERIAL/COMPONENTS FROM BHEL

CHECKLIST

A-FORM NO : A203A82

REV NO : 0

A-FORM DATE 20-MAY-26

PRINT DATE : 20-MAY-26

PAGE : 2 / 2

A-SLNO		PO IT NO		PI IT NO		QUANTITY REQUIRED		UNIT	SHOP NO	DEST CD	COST CD	H.CELL	
DESCRIPTION OF SUB-ASSEMBLY/ITEM & WEIGHT/VOLUME/AREA													
FREE ISSUE MATERIAL PER UNIT OF FINISHED GOODS													
MATL CODE	QTY PSL UNIT	PSL UNIT	RATE PSL UNIT	TOTAL MATL TO BE ISSUED		ISSUE PSL/ UNIT	SMIV/ PPMIV NO	MATERIAL VALUE	TARRIF HEAD	MATL ISSUE QTY			
DESCRIPTION OF FREE ISSUE MATERIAL AND WEIGHT /VOLUME/AREA													
		5	0	1		5.000 ST		203	203	203	203		
NUT HEX BM24-6													
NA	4.0000	ST	98.000	20.00		ST	WIP	1960.000		4.0000			
NUT HEX BM24-6 WILL BE ISSUED FOR CLAMPING OF ORS WITH SHAFT WHILE MACHINING.													
R/M WT (kg) PER UNIT:		F/M WT (kg) PER UNIT:		Scrap Rate (Rs/kg):									
		6	0	1		5.000 ST		203	203	203	203		
WASHER SPRING LOCK SCB 24-ST													
NA	4.0000	ST	3.380	20.00		ST	WIP	67.600		4.0000			
WASHER SPRING LOCK SCB 24-ST WILL BE ISSUED FOR CLAMPING OF ORS WITH SHAFT WHILE MACHINING.													
R/M WT (kg) PER UNIT:		F/M WT (kg) PER UNIT:		Scrap Rate (Rs/kg):									
		7	0	1		5.000 ST		203	203	203	203		
WASHER PLATE													
NA	4.0000	ST	115.000	20.00		ST	WIP	2300.000		4.0000			
WASHER PLATE #02 OF DRG 22635212703 WILL BE ISSUED FOR CLAMPING OF ORS WITH SHAFT WHILE MACHINING.													
R/M WT (kg) PER UNIT:		F/M WT (kg) PER UNIT:		Scrap Rate (Rs/kg):									
REMARKS NA													
TOTAL NO OF CANCEL ITEM 0											AFORM TOTAL		155563902.600

- 1 MATERIAL TO BE ISSUED ON :- FREE ISSUE BASIS
2. TRANSPORT TO BE PROVIDED BY :- SUPPLIER
3. EXCISE DUTY ON ISSUE MATL TO BE BORNE BY :- SUPPLIER
4. SCRAP TO BE RETURNED :- NO
- 5 INVARIABLY ISSUE WT. TO BE RECORDED ON SMIV/PMIV

RPT-101

SIGNATURE OF INDENTOR
NAME
DESIGNATION
TELEPHONE

SIGNATURE OF ASC EXECUTIVE
NAME
DESIGNATION
TELEPHONE

HYDRO GENERATOR MANUFACTURING

PI-320362430 (Machining of Bottom shaft)

Annexure-I

Scope of work-

- 1) Complete Machining of bottom shaft as per machining drawing No. 02540112701.
- 2) Assembly of Bottom Oil Retaining Sleeve on Bottom shaft as per drawing 12540112704 Rev 00 and clamping & machining of Oil retaining sleeve as per drawing no. 12635212711.
- 3) Packing and Painting of Shaft/Oil Retaining Sleeve: Packing to be done as per drawing No.12545112711, packing standard HG07003 Rev.03 & painting standard HG12007.

Note-Following material will be issued by BHEL Bhopal-

- 1) Bottom shaft forging as per drawing no. 32540112701.
 - 2) Machined bottom oil retaining sleeves as per drawing no 12570112710.
 - 3) Clamping arrangement items (common items which will be used for clamping) as per drawing 12635212711 item no 01 to 07.
 - 4) For packing & Shipping of Bottom shaft, BHEL will provide Shipping stand (including wooden Packing) as per drawing no 12545112711 .
- Scrap generated during machining work will be retained by vendor and scrap cost @ Rs35.7/ per kg plus extra GST charges on scrap cost will be adjusted in bill payment.
 - Transportation and insurance will be in BHEL Bhopal scope.

 BHOPAL	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (TPQR)		DOC. NO.: HGG-2303
	HYDRO GENERATOR ENGINEERING DIVISION		DATE: 15-06-2023 REV.: 00 PAGE 01 OF 01

The bids are invited for fully finished (machined) shaft from forging provided by BHEL as per BHEL drawing:

Following are the Technical Pre-Qualification Requirements (TPQR):

Sr. No.	Description of pre-qualification requirement	Vendor Response	
		Complied/ Not complied	Supporting Documents required to accept compliance
1)	Machining facilities available for machining of shaft forging at vendor's work.		Document/Data of machines available at vendor's works.
2)	Experience of machining of steel shaft forging during last 10 years (see note-3) having following criteria: a) Minimum 2 Nos. shaft machined of weight above 30000 kgs. OR b) Minimum 1 No. shaft machined of weight above 50000 kgs.		- Purchase order and invoice - Dimension records
3)	Compliance to machining of steel shaft as per drawing no. 02540112701 Rev.00 (Forged weight:-61661 Kg).		Self-certification of having the capability.
4)	Company shall be certified with ISO 9001.		Valid certificate to be submitted.
5)	Quality plan to be submitted to BHEL for approval along with the offer.		Quality plan to be submitted for approval.

Note:

1. Compliance to above Technical Pre-Qualification Requirements are mandatory. In absence of compliance of above requirements vendor TPQ application is liable to be rejected.
2. BHEL has the right to verify information / confirmation furnished, by asking additional documents, proofs, visit of vendor's works etc.
3. The reference date will be the date of enquiry.

Prepared & Checked by




(Amit Kumar Verma)
Manager/HGE

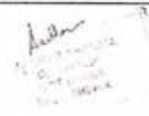
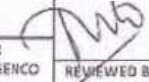
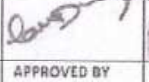

Approved by




(Ritesh Gajbhiye)
Sr.DGM/HGE

		MANUFACTURER'S NAME AND ADDRESS BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL			MANUFACTURING QUALITY PLAN			PROJ: MEIL POLAVARAM HEP (12X 80 MW)								
					ITEM(S): GENERATOR PACKAGE	QAP NO.: QA/HG/662 REV. NO.: 04 DATE: 26.09.2023 PAGE: PAGE 4 OF 7		PACKAGE: ELECTROMECHANICAL CONTRACT NO.: (3139)POLAVARAM /MEIL /BHEL-TURBINE/20-21/LOI/Q1 DATED- 10.09.2022								
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK(**)		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY				REMARKS	
					M/C	B / A					D*	M	C	B	A	
1	2	3	4	5	6		7	8	9			10				11


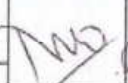

2.22	Pole punching	Dimension check of first-off punching	Major	M	Sample	Sample	Drawing	TC	✓	P	W	R	R		
2.23	Pole end plates	Dimensional checks of pole end plates after machining	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R		
2.24	Field coils	Dimension checks	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R		
2.25		Milli volt drop test	Major	ET	100%	100%	-do-	JIR	✓	P	W	W	W	CHP for 1 unit by APGENCO and all units by MEIL *	
2.26	Wound pole	Dimension check	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R		
2.27		DC resistance, IR & HV test	Critical	ET	100%	100%	-do-	JIR	✓	P	W	W	W	CHP for 1 unit by APGENCO and all units by MEIL	
2.28		Impedance test	Critical	ET	100%	100%	-do-	JIR	✓	P	W	W	W		
2.29	Generator Top shaft	Dimensional checks after machining	Major	M	100%	100%	-do-	QCR	✓	P	W	W	W	CHP for 1 unit by APGENCO and all units by MEIL	
2.30		Measurement of roughness of bearing surfaces	Major	M	100%	100%	-do-	QCR	✓	P	W	W	W		
2.31		Run out check	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R		
2.32	Generator Bottom shaft	Dimensional checks after machining	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R		

	LEGEND: * D: RECORDS, IDENTIFIED WITH "TICK" (✓) SHALL BE ESSENTIALLY SUBMITTED BY SUPPLIER IN QA DOCUMENTATION. M: MANUFACTURER/SUB-SUPPLIER, C: MAIN SUPPLIER FOR EM PACKAGE (BHEL), B-EPC CONTRACTOR (MEIL) A: OWNER (APGENCO)/OWNER'S AUTHORISED REPRESENTATIVE, P: PERFORM W: WITNESS AND V: VERIFICATION AS APPROPRIATE, CHP: CUSTOMER HOLD POINT TC: TEST CERTIFICATE, QCR: QUALITY CONTROL REPORT, JIR: JOINT INSPECTION REPORT, ET- ELECTRICAL TEST, M- MEASUREMENT, CT-CHEMICAL TEST, MT-MECHANICAL TEST, VIS-VISUAL CHECK	DOC. NO.:		REV. CAT.	
		FOR APGENCO USE			
MAIN SUPPLIER (EM PACKAGE)	EPC CONTRACTOR	REVIEWED BY EE/QC-1	APPROVED BY SE/QC		


* Virtual inspection shall be arranged for M/s APGENCO during physical inspection of the material which is under the scope of M/s MEIL.

		MANUFACTURER'S NAME AND ADDRESS BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL			MANUFACTURING QUALITY PLAN			PROJ: MEIL POLAVARAM HEP (12X 80 MW)							
					ITEM(S): GENERATOR PACKAGE	QAP NO.: QA/HG/662 REV. NO.: 04 DATE: 26.09.2023 PAGE: PAGE 5 OF 7	PACKAGE: ELECTROMECHANICAL CONTRACT NO.: (3139)POLAVARAM /MEIL /BHEL-TURBINE/20-21/LOI/01 DATED- 10.09.202								
SL NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK(**)		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY				REMARKS
					M/C	B / A									
1	2	3	4	5	6		7	8	9	D*	10				11

2.33		Measurement of roughness of bearing surfaces	Major	M	100%	100%	Drawing	QCR	✓	P	W	R	R	
2.34		Run out check	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R	
2.35	Thrust & guide pads	Dimensional checks	Major	M	100%	100%	-do-	QCR	✓	P	W	W	W	CHP of any 1 unit for MEIL & APGENCO & TC review for other units
		DPT and UT	Major	NDT	100%	100%	-do-	QCR	✓	P	W	R	R	
2.36		Dimension check after fabrication	Major	M	100%	100%	-do-	JIR	✓	P	W	R	R	
2.37		DPT / MPI after fabrication	Major	NDT	100%	100%	-do-	QCR	✓	P	W	R	R	
2.38	Upper & Lower bearing bracket assembly	Water leakage test after fabrication	Major	Test	100%	100%	-do-	QCR	✓	P	W	R	R	
2.39		Dimension check after machining	Major	M	100%	100%	-do-	QCR	✓	P	W	W	W	* CHP(W) for any one unit by MEIL & review for other units
2.40		Dimension check after assembly	Major	M	100%	100%	-do-	QCR	✓	P	W	R	R	
2.41	Air & oil coolers	Hydraulic pressure test	Major	Test	100%	100%	-do-	QCR	✓	P	W	R	W	* CHP(W) for any one unit by MEIL & review for other units

	LEGEND: * D: RECORDS, IDENTIFIED WITH "TICK" (✓) SHALL BE ESSENTIALLY SUBMITTED BY SUPPLIER IN QA DOCUMENTATION. M: MANUFACTURER/SUB-SUPPLIER, C: MAIN SUPPLIER FOR EM PACKAGE (BHEL), B-EPC CONTRACTOR (MEIL) A: OWNER (APGENCO)/OWNER'S AUTHORISED REPRESENTATIVE, P: PERFORM W: WITNESS AND V: VERIFICATION AS APPROPRIATE, CHP: CUSTOMER HOLD POINT TC: TEST CERTIFICATE, QCR: QUALITY CONTROL REPORT, JIR: JOINT INSPECTION REPORT, ET- ELECTRICAL TEST, M- MEASUREMENT, CT-CHEMICAL TEST, MT-MECHANICAL TEST, VIS-VISUAL CHECK	FOR APGENCO USE	DOC. NO.:	REV. & CAT.:
			REVIEWED BY 	APPROVED BY 
MAIN SUPPLIER (EM PACKAGE)	EPC CONTRACTOR		EE/QC-1	SE/QC

* Virtual inspection shall be arranged for M/s APGENCO during physical inspection of the material which is under the scope of M/s MEIL.

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		Rev. 00
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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

1. **GENERAL:**

This standard gives the materials & processes to be used to provide protective coating by spraying/brushing on machined as well as unmachined surfaces of hydro generator components.

2. **MATERIALS:**




- | | | |
|------|--|---|
| 2.1 | High build black coal tar epoxide paint | - AA 56135 |
| 2.2 | Oil resistant air drying synthetic enamel | - AA 56132 (Jasmine Yellow ISC 397 of IS:5) * |
| 2.3 | Chemical resistant epoxide priming paint | - AA 56105 (Red) |
| 2.4 | Chemical resistant epoxide finishing paint | - AA 56131 (Light Grey ISC 631 of IS:5) * |
| 2.5 | White spirit Gr. 145 / 205 | - AA 56701 |
| 2.6 | Special thinner for AA 56135 | - AA 56709 |
| 2.7 | Thinner for AA 56105 & AA 56131 | - AA 56708 |
| 2.8 | Rust preventive hard film black (TRP) | - AA 55154 |
| 2.9 | Latex emulsion for cement wash | - Standard product of reputed paint manufacturers |
| 2.10 | Polyvinyl acetate based adhesive (Fevicol) | - AA 55302 |


Note: * Colour shade may change as per specific requirement of customer otherwise as stated.

3. **PREPARATION OF THE PAINTS:**

3.1 **Removal of the skin from the paint**

Before application, any skin formed on the paint in the tin shall be carefully removed. Any settled pigment broken up and loosened, and the paint thoroughly stirred to ensure complete and uniform mixing of the constituents. Care shall be taken to avoid entraining air in to the paint while stirring. The paint shall be strained through a muslin cloth or 60 mesh sieve before use.

Rev. No.	Date of Rev.	Remarks	Approved		
			A.Biswas, AGM –HGE 		
			Prepared	Checked	Date of issue (Rev 00)
					
			Amit Kumar Verma Dy. Manager-HGE	Ritesh Gajbhiye Sr. Manager-HGE	06/03/2018

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

3.2 Preparation of the paint AA 56135

This paint has a short pot life of 4 hours only. Hence it is important to note that only sufficient paint be mixed for immediate requirements and the paints be used within 4 hours from the completion of mixing of base and accelerator. Shortly before mixing and use, these shall be thoroughly stirred. The base and accelerator shall then be accurately mixed together in the following proportions.

Supplier	Base	Accelerator
	(by volume)	
Asian Paints	4	1
Bombay Paints	4	1
Berger Paints	3	1
Shalimar Paints	1	1

The accelerator shall be added to the base slowly with continuous stirring. After the addition of all the accelerator, contents shall be stirred continuously until a uniform consistency is obtained. The mixing of paint can be done by hand or mechanical stirring.


3.3 Preparation of the paints to AA 56105 & AA 56131

Both these paints as supplied, consist of two separate ingredients; namely base and accelerator. Shortly before mixing and use, these shall be thoroughly stirred. The base and the accelerator shall be accurately mixed together in the proportions as given below for material supplied by different suppliers.

Supplier's Name	Paint Specification	Mixing Ratio in parts by Volume	
		Base	Accelerator
Shalimar Paints	AA 56131	3	1
Berger Paints	AA 56131	3	1
	AA 56105	3	1
Alkali & Chemicals	AA 56131	4	1
	AA 56105	6	1
Goodlass Nerolac	AA 56131	3	1
	AA 56105	3	1
Garware Paints	AA 56131	3	2
	AA 56105	5	1
Asian Paints	AA 56131	4	1
	AA 56105	3	1

Accelerator should be added to the base and not the base to the accelerator. The paints shall be mixed with continuous stirring until a uniform consistency is obtained.

Note: After mixing, these paints shall be used within 4 hours.

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

3.4 Consistencies of the paint

The paints shall be used at the following consistencies measured in ford cup No. 4 (IS:3944) under the normal shop temperature.

Sl.no.	Paint	Consistency	
		Spraying	Brushing
i)	Chemical resistant epoxide priming paint to AA 56105	30 \pm 2 secs	40 to 60 secs
ii)	Chemical resistant epoxide finishing paint to AA 56131	30 \pm 2 secs	40 to 60 secs
iii)	Oil resistant air drying synthetic enamel to AA 56132	45 \pm 5 secs	60 \pm 5 secs
iv)	High build black coal tar epoxide paint to AA 56135 (HE 5043)	See note-1 below	See note-1 below

Note: 1) For AA 56135 the maturing time for mixture of base and accelerator before actual use shall be 30 minutes. Thinning of AA 56135 (HE 5043) is not recommended. If there is problem in application of paint, TSD should be consulted.
 The mixed paint shall be used within 4 hours.
 2) Thinning of AA 56132 to be done by white spirit to AA 56701.
 3) Thinning of AA 56131 & AA 56105 is to be done by its special thinner AA 56708.

4. METHODS OF PAINT APPLICATION:

For methods of paint application refer BHEL standard AA 0674123.

5. SURFACE PREPARATION:

5.1 For machined ferrous Surfaces


All machined surfaces shall be cleaned and degreased with white spirit to AA 56701, any rust or staining being carefully removed by abrasive paper of 220 No. and again cleaned with white spirit to AA 56701.

The surface shall then be thoroughly dried by a blast of air or dry cloth.

5.2 For other ferrous Surfaces

It is necessary that surfaces to be painted is free from loose dust, mill scale, rust, grease, oil, old paint etc. For surface cleaning and preparation refer BHEL standard AA 0674101.

Note: The shot blasted surface shall conform to Grade SA 2.5 of Swedish standard SIS 055900.

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

5.3 For concrete embedded surfaces

All concrete embedded surfaces shall be treated with cement wash as below.

- 5.3.1** Oil and grease shall be removed by using white spirit to AA 56701. Thereafter all dust, loose scales, rust etc. shall be removed by sand/ shot blasting to Swedish Standard SIS 055900 Gr SA 2.5.
- 5.3.2** Cement wash shall be prepared by mixing 15 to 20 Kg of latex emulsion (2.11) or 30 Kg of polyvinyl acetate based adhesive/ Fevicol (2.12) with 100 Kg of dry cement. In order to make the process easier cement shall be made into slurry by adding 40-50 litres of water and then latex emulsion or polyvinyl acetate base adhesive is added. This shall be applied to the surface by brush.
- 5.3.3** After 8 hours of application, water shall be sprinkled on the coated surface to facilitate curing of cement. Setting time for the cement wash is 24 hours.

6. APPLICATION OF PAINTS:


- 6.1** The paints prepared as per clause 3.2 and 3.3 shall be applied as shown in the schedule in clause 6.4.

In case of machined surfaces, TRP shall be applied immediately after the surface preparation as per clause 5.1 while in case of unmachined surfaces the paint shall be applied within 6 hours of preparation of surfaces as per clause 5.2. For unmachined surfaces in the event of more than six hours elapsing, before application of paint is done, the preparation as detailed in clause 5.2 above shall be repeated in full.

6.2 Drying time

The following drying schedule should be followed after the application of the paints.

Sl.No.	Paints	Drying Time
i)	High build black coal tar epoxide paint to AA 56135	18 hours
ii)	Oil resistant, air drying synthetic enamel to AA 56132	16 hours
iii)	Chemical resistant epoxide priming paint to AA 56105	16 hours
iv)	Chemical resistant epoxide finishing paint to AA 56131	16 hours


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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

6.3 Sanding

Between any two successive coatings, immediately after the former coat of painting is dried as per clause 6.2 sanding to be done on this coat by using water proof abrasive paper 220. The loose dust shall now be wiped off by a blast of air or dry clean cloth and then the later coat of paint be applied.

6.4 Schedule of paint application

Description of surface	Category of paint	Typical example	Preparation	Painting or treatment
Exposed unmachined surfaces to atmosphere	A	Stator frame, spider, lower bracket, upper bracket, generator flooring, brush gear casing, fan, outside air/oil/water piping, exposed surfaces of shaft after final erection at site, inside surface of concrete barrel etc.	As detailed in para 5.2	Apply two coats of AA 56105 & 2 coats of AA 56131.
Surfaces coming in contact with oil	B	Lower bracket, upper bracket, oil piping of H.S. lubrication, oil retaining sleeves, oil retainer etc.	As detailed in para 5.2	Apply two coats of AA 56132 (Jasmine yellow)
Surfaces coming in contact with water	C	Cooling water piping	As detailed in para 5.2	Apply two coats of AA 56105 followed by 2 coats of AA 56135
All machined surfaces	D	Journal faces & thrust faces of shaft & thrust collar, spider, stator frame, lower bracket, upper bracket, fasteners, shims etc.	As detailed in para 5.1	To be coated with liberal coat of rust preventive to AA 55154 to get jet black finish.
Surfaces coming in contact with cement concrete	E	Lower bracket sole plate, stator sole plate etc	As detailed in para 5.3	Liberal application of cement wash

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

- Note 1: Complete painting of the machines as per clause 6 shall be done in the factory only. An extra coat of finishing paint can be applied at site if felt necessary.
- Note 2: After receipt of machines at site, patch repair on any damaged area shall be done immediately with paint, temporary rust preventive as the case may be.
- Note 3: In case of machines to be stored for prolonged period, a schedule of checking for paint damage after every six months shall be carried out and damaged area if any shall be repainted.
- Note 4: During dispatch of a machine, suitable protection such as tarred felt, water proof paper or polythene sheet must be provided between machined surface and packing wood to avoid corrosion.
- Note 5: Customers be advised to repaint the machinery as soon as they notice that top coat of the paint has been damaged to avoid surface getting corroded. Repainting on corroded surface does not afford any protection unless rust is again thoroughly removed before repainting.

6.5 Thickness of finished paint film

The dried film thickness (DFT) shall be as below, when measured by using a suitable instrument for non-destructive measurements of coats as detailed in IS: 6012 - 1992.


Category of paint	Thickness of finished paint film (Micron)
A	90 to 140 (At local points 200 max)
B	25 to 60 (At local points 100 max)
C	225 to 275

Note: In case specified thickness of paint film is not achieved then additional coats of finishing paint shall be applied.

6.6 Thickness of cement wash

Average built up thickness (Dry film thickness) - 200 Micron Min.

Note: At some isolated areas lower thickness up to 15 % of average built up is allowed.

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

7. QUALITY CHECKS & INSPECTION:

7.1 Following points shall be ensured to achieve overall quality of the job:

- Compressed air used for spray application shall be free from oil, moisture and other contaminants.
- Steel surfaces to be painted shall be free from burrs, sharp edges, lamination, surface imperfections and any other contamination detrimental to paint adhesion finish or appearance.
- All surfaces to be coated have been cleaned in accordance with the requirements of clause 5 of this specification.
- All surfaces to be coated shall be completely dry before paint application.
- Paint components shall be mixed as prescribed / recommended and mixed paint shall be consumed within specified pot life.
- Drying / curing requirements shall be fully satisfied.
- Damaged paint coating shall be properly touched up before another coating application.

7.2 **Inspection**

7.2.1 **Visual**

The painted surfaces shall be free from spacks of iron, salt or dust. It shall be smooth and uniform and there will be no visible porosity, pot holes, or any other paint coating defects. If runs and sags dry spray and over spray are present these defects shall not be more than 5% in any given area (sq. feet) and cumulatively not more than 2% of total surface area unless otherwise specified.

7.2.2 **Dry film thickness (DFT)**


Dry film thickness should be measured with an appropriate measurement gauge calibrated as per clause 6.5 & 6.6. Unless otherwise specified.

7.2.3 **Adhesion by tape test (For A, B & C category of paint)**

This test is carried out by applying & removing pressure sensitive adhesive tape over cuts made in the paint film to ensure that adhesion of paint film to metallic substrate is adequate.

This test shall be carried out generally in line with ASTM D 3359 except that Transparent Pressure Sensitive Adhesive Tape of 25 mm width, shall conform to IS : 2880 or should bear ISI mark.

Method A of ASTM D 3359 shall be followed in case thickness of film is greater than 125 microns & acceptance criterion shall be "4A" Viz trace peeling or removal along incisions, and method B of ASTM D 3359 shall be followed when thickness of paint film is between 50 to 125 microns and acceptance shall be "4B", viz small flakes of coating are detached at intersections, less than 5 % of the area is affected.

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<u>PAINTING SPECIFICATION OF HYDRO GENERATOR COMPONENTS</u>		

8. **REPAIR OF DAMAGED PAINT WORK:**

8.1 **Local damage without rust:**

Where local damage to the paint work has occurred without subsequent rusting, the damaged area shall be cleaned with white spirit. The number of paint coats shall be applied which are sufficient to provide a dry film thickness, not less than that of the surrounding paint.


8.2 **Local damage with rust:**

Where local damage to the paint work with subsequent rusting has occurred, the rust shall be removed by mechanical cleaning as per clause 4 and followed by subsequent procedure laid down in clause 8.1

8.3 **Extensive damage:**

In case of extensive damage, entire old film shall be removed and surface prepared as per clause 5 and subsequently painted as per clause 6 to the required thickness.

NOTE: This product standard is applicable for "EXPORT" projects also.

 BHOPAL	PRODUCT STANDARD	NO. : HG07003 REV NO : 03 REV. DT : 04-09-18 PAGE 1 OF 4
	PACKING INSTRUCTIONS FOR ROTOR SHAFT AND THRUST COLLAR.	
	DEPARTMENT : HGE	

Procedure for Inspection of wooden packing materials & Packing of Rotor Shaft and Thrust Collar

Scope : This procedure covers the Inspection of wooden packing materials and method of packing of the rotor shaft and thrust collar.

Objective : To establish a rust proof safe packing procedure of rotor shaft and thrust collar.

Responsibility : Section Incharge (Q.C.) and Section Incharge (Logistics).

Packing Methodology: -

1) The incoming wooden packing boxes / wooden raw material must have details which shall consists of vendor's name, PO/WO number, box supply date, box serial number for identification and traceability.




Wooden packing boxes and packing materials received by the stores shall be inspected by Quality Control (QC) department as per the respective standards & specifications as per contract / work order. Dimensions of the wooden packing boxes with the availability of suitable gaps inside the wooden packing box for ease of mounting of items inside the box with suitable supports shall be checked by QC. Moisture content in the wooden packing boxes / wooden raw material shall be checked by QC, by using a Moisture Analyser or any suitable alternate method and record of the same shall be maintained. One sample per 5 boxes of each challan shall be compulsorily chosen for analysing the moisture content. Effort shall be made to select a sample from a box suspected to be the wet after a thorough visual inspection (the boxes may also be hand touched for a feel of wetness). At least, one sample is to be chosen, even if the quantity of boxes of a particular challan is less than 5No's.


The non-conforming boxes / raw materials to be rejected and returned to the vendor of wooden packing boxes / wooden raw material for replacement.

2) All items to be packed are to be marked by QC with "OK" stickers only need to be packed.

3) The packing of rotor shaft and thrust collar should be done in a covered shed.

4) Items to be packed are to be arranged and aligned properly inside the wooden packing boxes of specific size.

	Prepared By	Checked By	Approved By
Signature :			
Name :	Jayesh Janardhanan	Ritesh Gajbhiye	A Biswas
Revision:	Rev03: Clause no. 17 added.		

 BHOPAL	PRODUCT STANDARD	NO. : HG07003 REV NO : 03 REV. DT : 04-09-18 PAGE 2 OF 4
	PACKING INSTRUCTIONS FOR ROTOR SHAFT AND THRUST COLLAR.	
	DEPARTMENT : HGE	


5) Packing Procedure for Rotor Shaft:

Vacuum packing material (aluminium barrier foil / suitable alternate material).


- 5.1) The rotor shaft shall be coated with 1st layer of TRP.
- 5.2) Tapped holes are to be filled with grease and closed with plastic grub screw. The plain holes are to be closed with rubber plug. The above two operation to be ensured by HGM.
- 5.3) Wrap the shaft with oil paper / VCI paper.
- 5.4) Now wrap the shaft with a layer of 4 mm thick foam sheet, join the foam sheet with adhesive tape and further cover the whole shaft with VCI paper.
- 5.5) Place the metal / wooden support structure with 2 layers of 5 mm thick plastic PVC sheet over the shaft seating faces.
- 5.6) Place the half part of vacuum packing material on the shaft seating face of support structure in such a way that it covers the whole shaft from lower side and over it place the packed shaft.
- 5.7) Put other half part of vacuum packing material in such a way that it covers the whole shaft from upper side and seal both the vacuum packing materials with hot sealing machine with an opening for vacuum packing.
- 5.8) For vacuum packing suck all the inside air from the sealed vacuum packing material and closed the opening by heat sealing machine. Alternate method for vacuum packing may be adopted.
- 5.9) Additionally wrap the entire shaft with 4 mm thick foam sheet and close the joints with adhesive tape.
- 5.10) At bearing location, surfaces are to be covered with 5 mm thick PVC sheet and binding with endless lashing belt.
- 5.11) After this, cover the packed shaft with a layer of tarpaulin / silpaulin sheet.
- 5.12) Mount the fixing clamps at support structure and fix it with bolting. Now fix the four side walls made of wooden pallets (with tarpaulin / silpaulin sheets lining on inside face).
- 5.13) Secure the packed shaft firmly to arrest relative movement of the component inside the box. This can be achieved by using beams, battens etc. to be nailed or bolted without damaging the packed shaft.
- 5.14) All the inside faces of wooden pallets should have tarpaulin / silpaulin lining and the tarpaulin / silpaulin sheet lining on inside face of top cover should be placed in such a way that it projects (about 150mm on all side) outside the case. Nail securely the top cover and tarpaulin / silpaulin round the case.

6) Packing Procedure for Thrust Collar:

- 6.1) The thrust collar shall be coated with 1st layer of TRP.
- 6.2) Tapped holes are to be filled with grease and closed with plastic grub screw. The plain holes are to be closed with rubber plug. The above two operation to be ensured by HGM.
- 6.3) Apply wool felt on thrust and journal faces and wrap it with cotton tape.

 BHOPAL	PRODUCT STANDARD	NO. : HG07003
	PACKING INSTRUCTIONS FOR ROTOR SHAFT AND THRUST COLLAR.	REV NO : 03
	DEPARTMENT : HGE	REV. DT : 04-09-18
		PAGE 3 OF 4

- 6.4) Wrap the thrust collar with oil paper / VCI paper.
- 6.5) Now wrap it with a layer of 4 mm thick foam sheet, join the foam sheet with adhesive tape and further with VCI paper.
- 6.6) Place the wooden packing box with a lining of tarpaulin / silpaulin sheet and place 2 layers of 5 mm thick plastic PVC sheet at the bottom face.
- 6.7) Place the vacuum packing material over it.
- 6.8) Carefully lower the packed thrust collar in to the wooden packing box with thrust face downwards and rest it on the soft wood or cushioning material such as rubberised coir, foam rubber etc.
- 6.9) Put another part of vacuum packing material all around the thrust collar and seal both the vacuum packing materials with hot sealing machine with an opening for vacuum packing.
- 6.10) For vacuum packing suck all the inside air from the sealed vacuum packing material and closed the opening by heat sealing machine. Alternate method for vacuum packing may be adopted.
- 6.11) After this, cover the packed thrust collar with a layer of tarpaulin / silpaulin sheet.
- 6.12) Secure the packed thrust collar firmly to arrest relative movement of the component inside the box. This can be achieved by using beams, battens etc. to be nailed or bolted without damaging the packed thrust collar.
- 6.13) All the inside faces of wooden pallets should have tarpaulin / silpaulin lining and the tarpaulin / silpaulin sheet lining on inside face of top cover should be placed in such a way that it projects (about 150mm on all side) outside the case. Nail securely the top cover and tarpaulin / silpaulin round the case.
- 7) The VCI paper must be secured properly with adhesive tape. It has to be ensured that all the packing materials used should not get damaged / punctured during the packing process.
- 8) Silica gel packets are to be placed and uniformly distributed inside the boxes to remove/prevent moisture. In order to cover the maximum space inside the box, small quantity packets should be used.
- Note:** Thumb rule be used for calculating the weight of silica gel w.r.t. container volume is: 1m^3 of container size require 1.0kg of silica gel.
- 9) The top covers of boxes shall be sealed only after final clearance from QC for confirmation of above.
- 10) The dispatch clearance to be given after joint inspection by QC and Logistics. A register is to be maintained by logistics section as per Annexure- I for record of the same.
- 11) All boxes should be covered by GI sheet on all four sides and over top in such a way that it should project about 150-200mm on all sides. All gaps and joints should be secured properly.

 BHOPAL	PRODUCT STANDARD	NO. : HG07003
	PACKING INSTRUCTIONS FOR ROTOR SHAFT AND THRUST COLLAR.	REV NO : 03
	DEPARTMENT : HGE	REV. DT : 04-09-18
		PAGE 4 OF 4

12) Steel strap of 20/25mm wide to IS 5872:1990 should be strapped around the case, tensioned and crimped. There should be at least two straps per case. These straps should be across the top cover. Use 20/25mm wide/corner straps to IS 5872:1990 wherever necessary.

13) For transportation the packed items are to be mounted properly on the truck/trailer and additional supports to be welded and lashed on vehicle as per the transportation scheme.

14) Packing list should be placed in polythene bag and to be placed inside and outside of each box with following details : -

- i). Box No., PO No., Product name, Project Name, Quantity, Customer/Consignee, Dimension of box, Weight of the box etc.
- ii). Instructions for transportation to be mentioned on box :
 - a) Water proofing (Umbrella Stencilling).
 - b) Upside direction.
 - c) Sling position indicator.
- iii). Following recommendations for storage conditions also to be mentioned on each box :
 - a) All our products are packed in accordance with our standard packing or as per customer requirements, which are agreed in orders.
 - b) Our products should be stored indoors, protected from rain, snow, dust, moisture & corroding agents (smoke, steam, acid & oil vapours, chlorine, ammonia etc.)
 - c) Warehouses should be protected against temperature & humidity changes. The minimum & maximum temperatures should be + 5 deg °C and 40 deg °C respectively, while relative humidity inside should preferably be kept below 40%.
 - d) Once after opening the packing, the material should be consumed at the earliest, since the protection given by the packing material is no longer effective.

15) Nailing of boxes after the complete packing and loaded on trailer for dispatch is strictly prohibited.

16) The vehicle containing these wooden packed boxes should be covered by suitable tarpaulin / silpaulin during transportation. A register as per Annexure- II shall be maintained by Section Incharge (Logistics) at factory exit to record the compliance.

17) References:

Corporate Standard

- a) AA0490004 – Seaworthy packing.
- b) AA0490009 – Export packing.
- c) AA0490010 – Domestic packing.

Revision Details:

Rev00: Dated 01-11-14.

Rev01: Dated 21-01-15, Revised as per comments from Logistics.

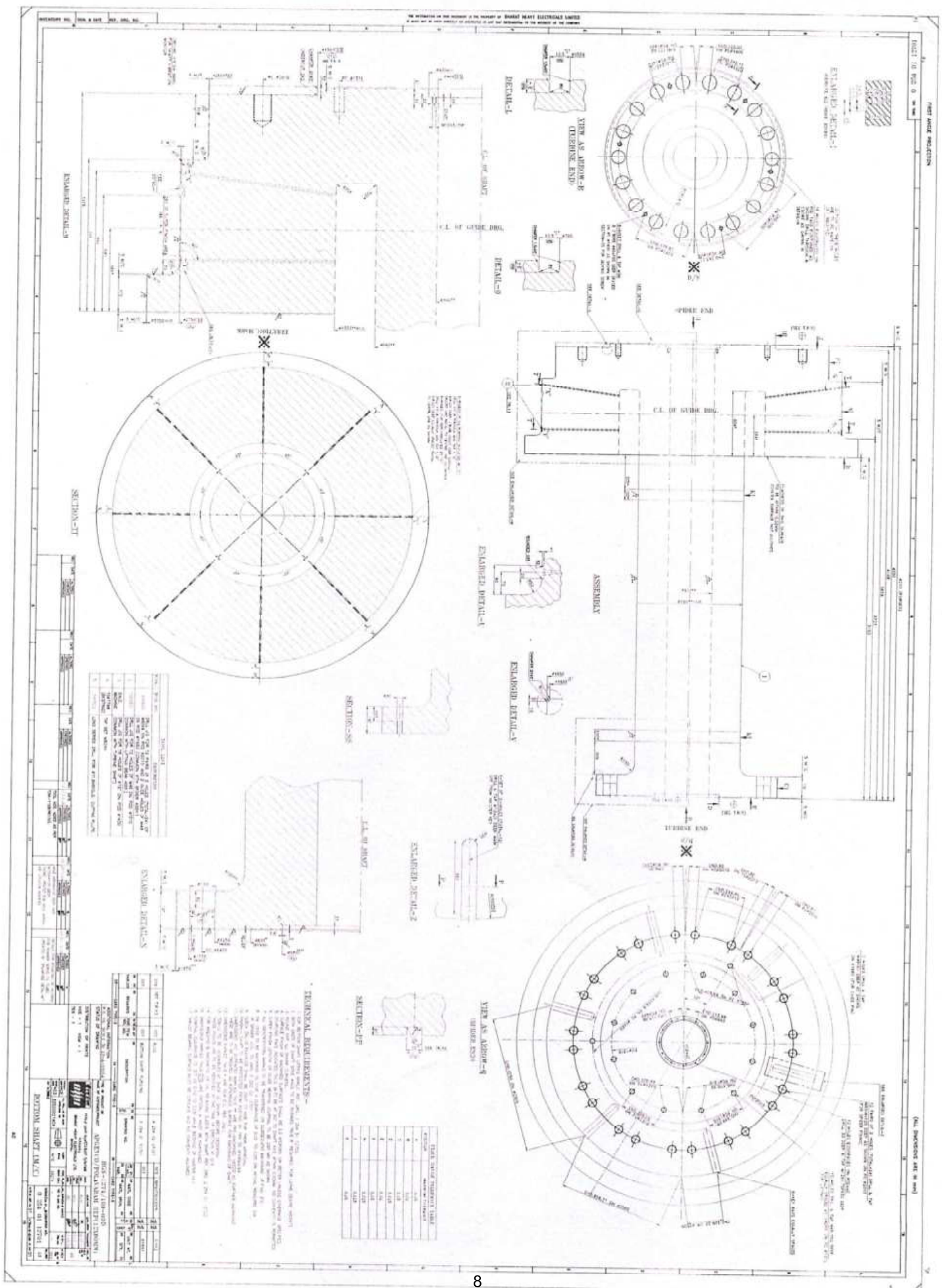
Rev02: Dated 05-03-16, Revised as per comments from CSU-Jagdishpur/Logistics.

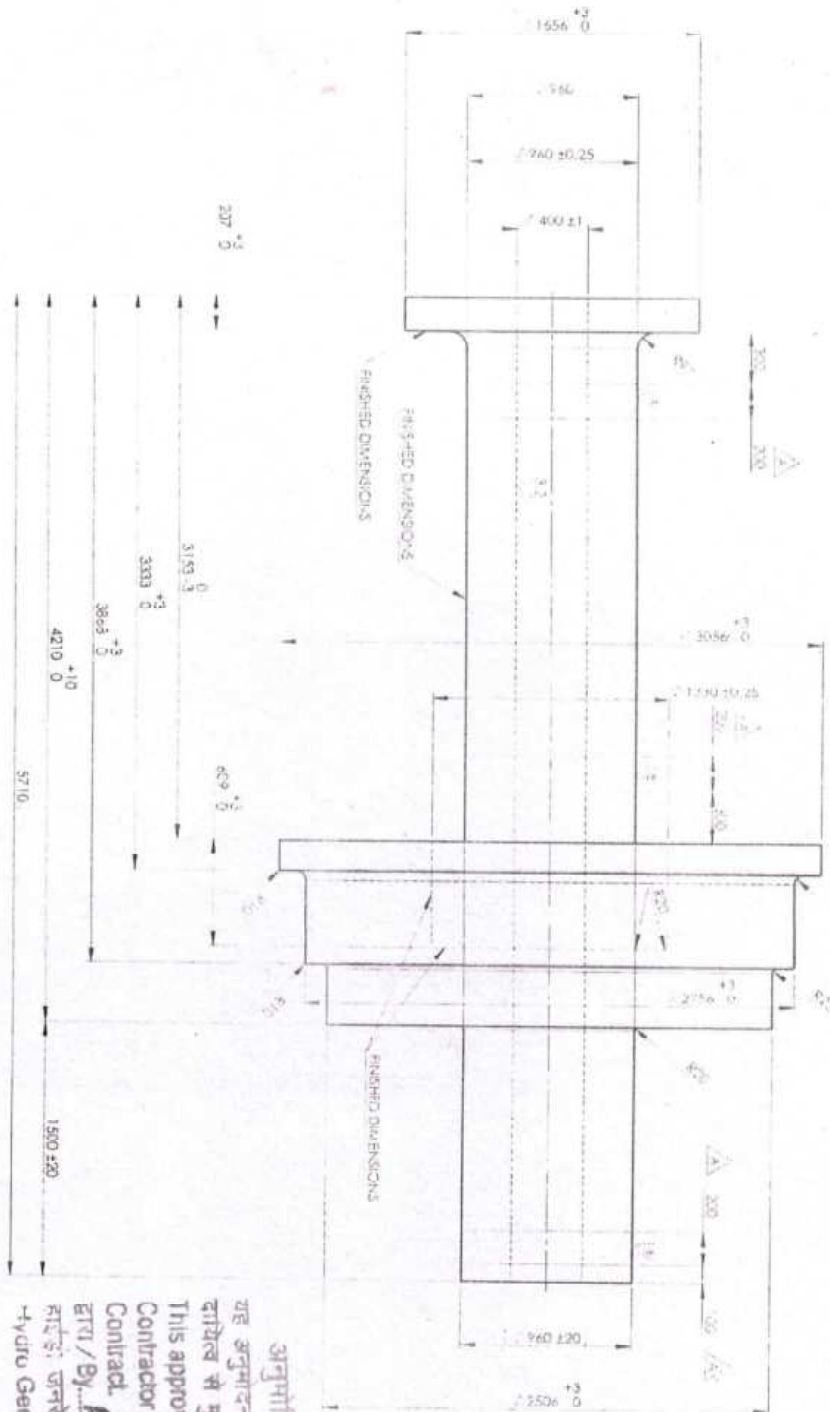
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REGISTER FOR INSPECTION OF VEHICLE AT SECURITY (EXIT) GATE :

[illegible]







AK: 10/11

अनुमोदित / APPROVED
यह अनुमोदन ठेकेदार को संविदाधीन किंसा
दाखिल से मुक्त नहीं करेगा।
This approval Shall not relieve The
Contractor from any Liability under the
Contract.
आर.वर्मा डी. 06/07/24
एटा/बी. जर्नेटर इंजी. आर.ई.लि. भोपाल
Hydro Gen. Engg., B.H.E.L., Bhopal

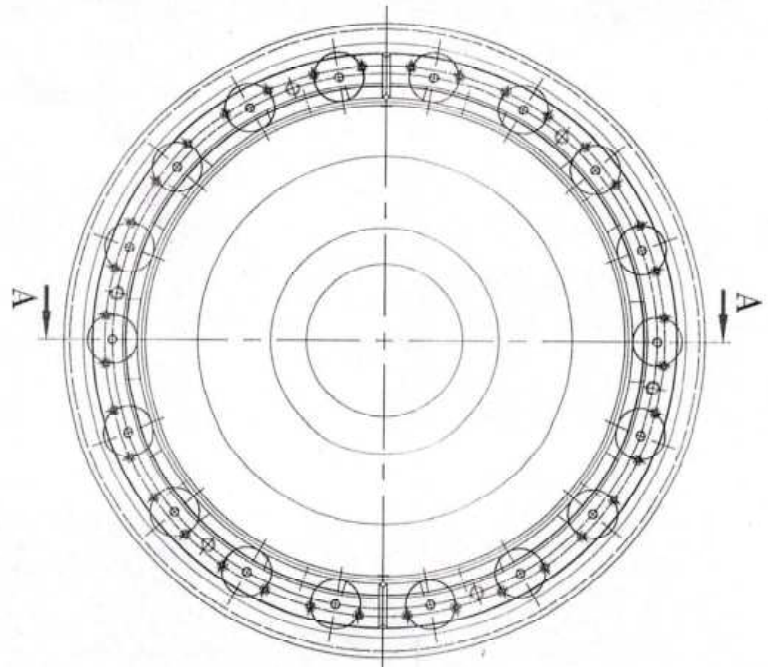
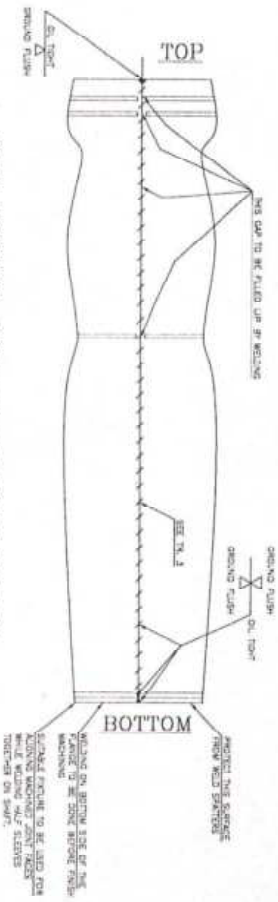
FOR TECHNICAL REQUIREMENTS AND NOTES SEE DWG N. 3.254.01.12701
PER SPECIFICHE TECNICHE E NOTE VEDI DWG N. 3.254.01.12701

NOTA DISEGNO ENERGO IN ACCORDO AL DWG 3.254.01.12701
NOTE: DRAWING ISSUED ACCORDING TO DWG 3.254.01.12701

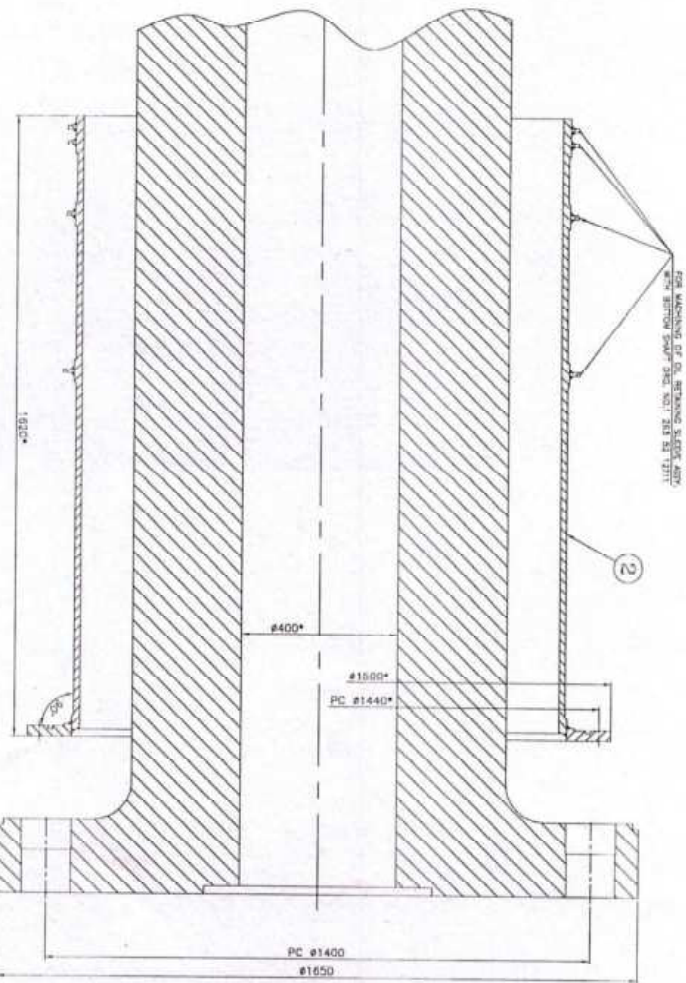
A		E. MORGANI		D. ARIGNI		Received by per (signature)		12/06/2014	
00		F. MORGANI		D. ARIGNI		Per tale		16/05/2014	
Rev.		Sequenza		ACQ/ORD 00		Descrizione		Data	
S. MORGANI COORDIN. 1°		F. MORGANI		COORDINATO COORDIN. 1°		D. ARIGNI		DESCRIZIONE ALTERNATIVE 1°	
ECLA COORDIN. 1°		A3		MATERIALE MATERIALE		C-Mn Steel HIG10035		TUBAZIONE GENERALI 1°	
1.25		A3		MATERIALE MATERIALE		C-Mn Steel HIG10035		TUBAZIONE GENERALI 1°	
Dimensioni Dimensioni		3.254 01.12701 SP		Differenza Differenza		DIMENSIONI DIMENSIONI		SUGGERIMENTI SUGGERIMENTI	
68706 7 1/2		SHEET 1 OF 1		68706 7 1/2		SHEET 1 OF 1		68706 7 1/2	

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED.
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VIEW SHOWING WELDING OF BOTH HALVES
OF OIL RETAINING SLEEVE ASSY. IT. 2

 $\otimes \frac{E}{M}$

SECTION-AA
ASSEMBLY



(ALL DIMENSIONS ARE IN mm)

TECHNICAL REQUIREMENTS:-

1. SOAP TO BE PROVIDED AGAINST NEED PRINTER.
 2. ALL SEALS TO BE IN TO 44 DECEMBER.
 3. ROOT AREA TEST OF OIL TIGHTNESS MARKED AS OIL TIGHT BY 2, 1557 TO BE OBSERVED.
 4. DIVERSITY MARKED THIS A ME FOR OIL REFERENCE ONLY.
 5. FOR WASHING OF OIL REMOVING SLEEVES WITH SOAP AT WORK.
- NOTE: VOL. 1 241 52 12711.
6. APPLY TAP ON MACHINED SURFACES AS PER PROTOCOL.
 7. ALL SHAFT COVERS & COVERS TO BE REMOVED OFF.
 8. PRODUCTION TO BE TAKEN TO CONTROL QUALITY DURING WELDING.

[illegible]

MD No. 1000 712 A 21-54
S.A. 5 0-000000
HUS-1274/100-800
The ~~original~~ ^{original} to use
this product or
part of it without
APGENCE/POLAVARUM HEP (12X60MW)

[illegible][illegible][illegible]

BOTTOM SHAFT & OIL	1 254 01 12704	20
RETAINING SLEEVE ASSEMBLY		

12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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FIRST ANGLE PROJECTION

2	DES. NO. 1 257 01 12710
---	-------------------------

24 MOLES (12 IS LOW MOLE) 20% & 1% ARE SAVED AS DRYING ON PC PLANT USE FOR BETTER DRYING MOLE (NOT SURE TO BE USED IS GROUP FOR STANDING THE ELECTRIC FIELD)

※ D/S
ASSEMBLY

ENLARGED PART SECTION-AA

IMPORTANT
CALL NUMBER 1724

BOTTOM_FACE

BOTTOM FACE

ENLARGED VIEW AS ARROW-X
(TURNED)

ENLARGED DETAIL-X

FABRICATION WEIGHT = 1451KG

TOOL LIST		
ITEM NO	TOOL NO.	DESCRIPTION
001	-	-

TECHNICAL REQUIREMENTS:-

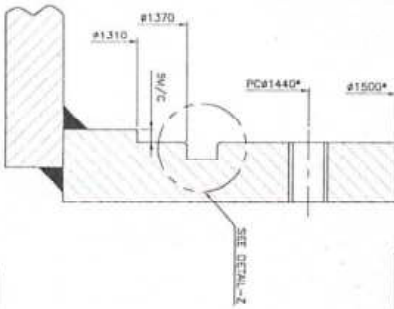
5. HOW TO BE ALIGNED IN POSITION WITH CHANGING OR JUST END A.D.
6. SHOOTING MARCHING: 4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035

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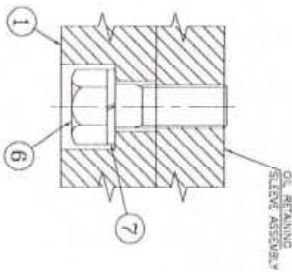
FIRST ANGLE PROJECTION
SHEET NO. 1 OF 263 52 12711

ENLARGED DETAIL-Y

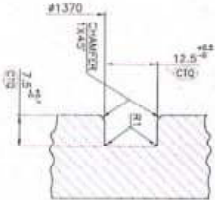


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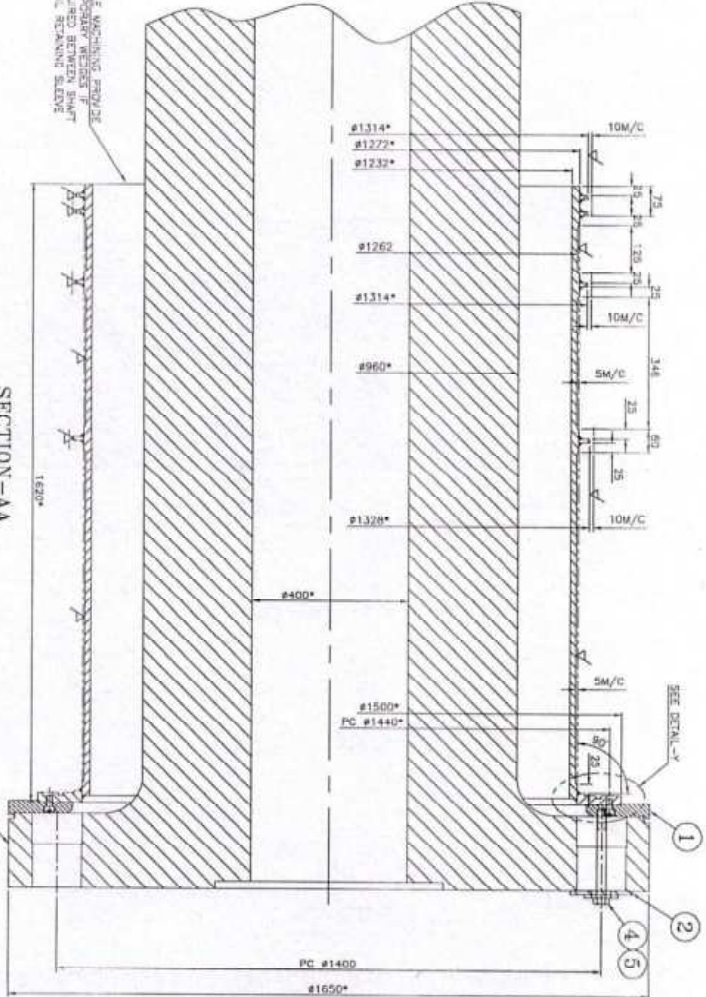
SECTION-BB



ENLARGED DETAIL-Z



SECTION-AA



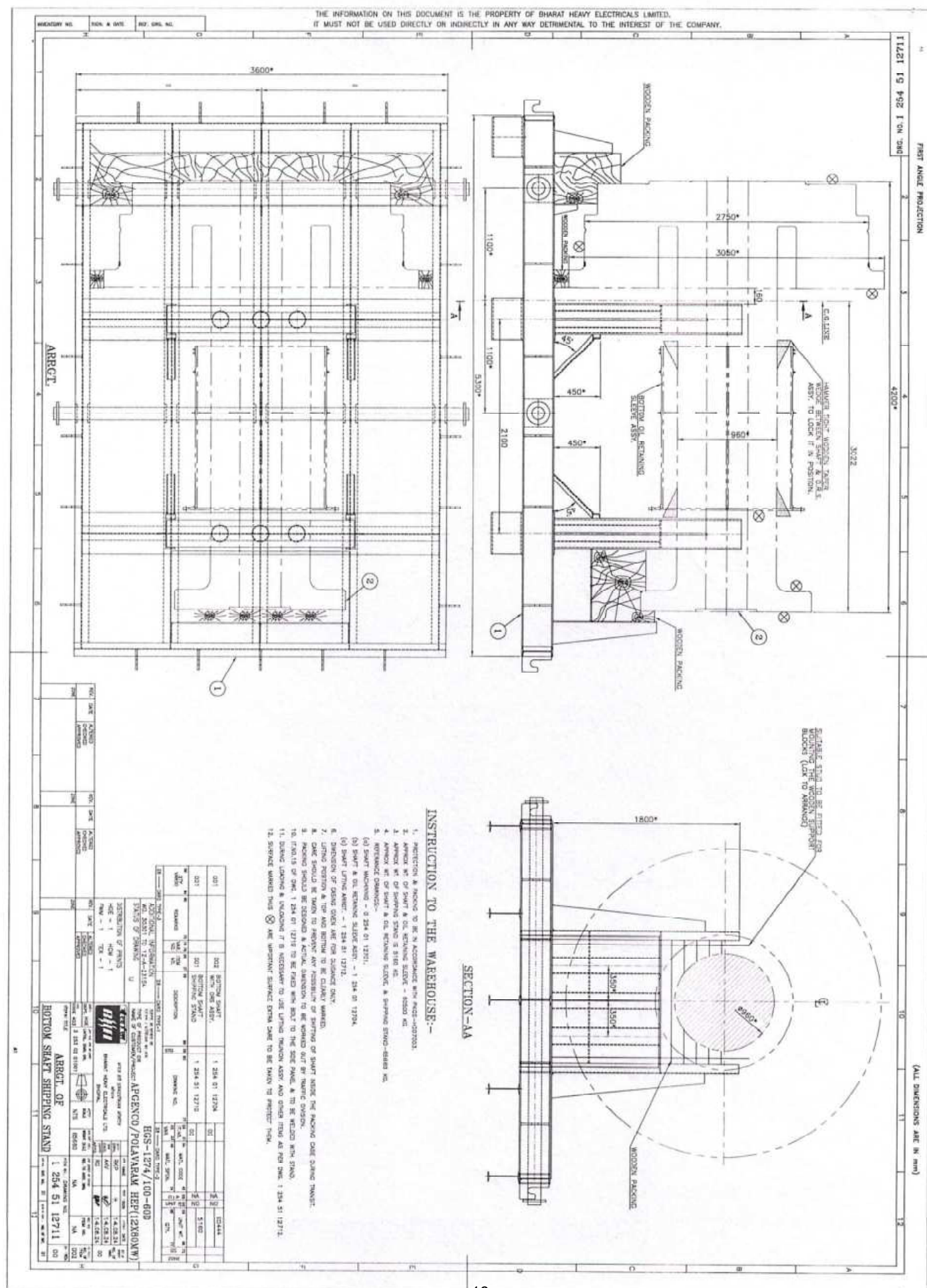
TECHNICAL REQUIREMENT--

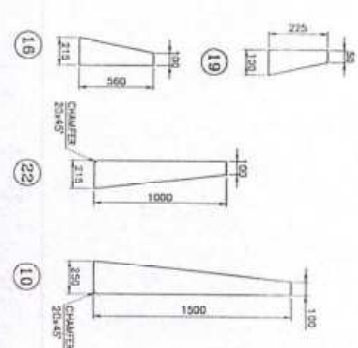
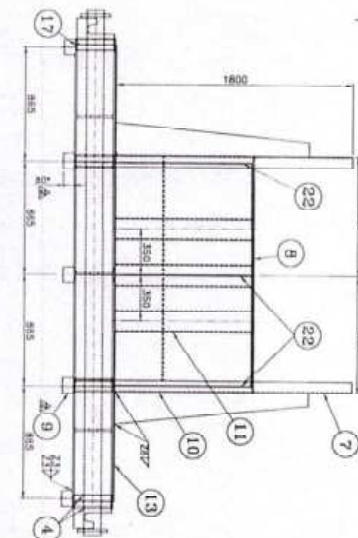
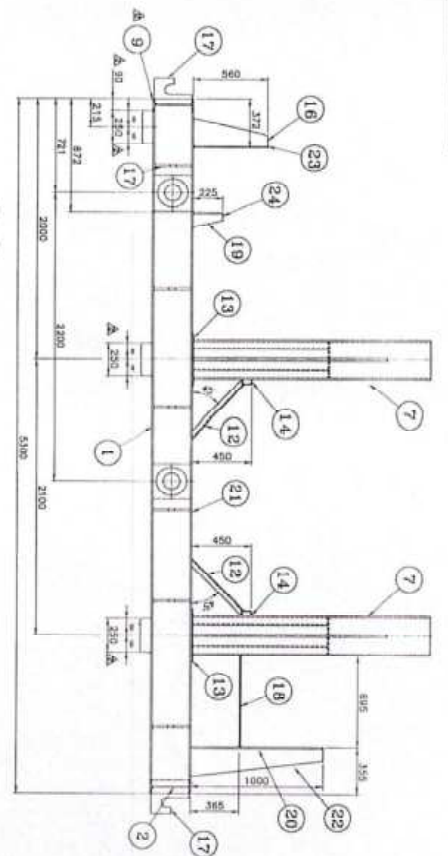
1. DIMENSIONS SHOWN IN THIS ARE FOR D.O. REFERENCE ONLY.

FOR BOTTOM SHAFT & OIL
RETAINING SLEEVE ASSEMBLY
REFER DRAWING 1 254 01 12704

ITEM	DESCRIPTION	QTY	UNIT	REMARKS
010	WASHER SPRING LOCK	1	PC	
011	SCREW 18-8	1	PC	
012	WASHER 18-8	1	PC	
013	WASHER SPRING	1	PC	
014	LOCK WASHER	1	PC	
015	WASHER 18-8	1	PC	
016	WASHER SPRING	1	PC	
017	WASHER 18-8	1	PC	
018	WASHER SPRING	1	PC	
019	WASHER 18-8	1	PC	
020	WASHER SPRING	1	PC	
021	WASHER 18-8	1	PC	
022	WASHER SPRING	1	PC	
023	WASHER 18-8	1	PC	
024	WASHER SPRING	1	PC	
025	WASHER 18-8	1	PC	
026	WASHER SPRING	1	PC	
027	WASHER 18-8	1	PC	
028	WASHER SPRING	1	PC	
029	WASHER 18-8	1	PC	
030	WASHER SPRING	1	PC	
031	WASHER 18-8	1	PC	
032	WASHER SPRING	1	PC	
033	WASHER 18-8	1	PC	
034	WASHER SPRING	1	PC	
035	WASHER 18-8	1	PC	
036	WASHER SPRING	1	PC	
037	WASHER 18-8	1	PC	
038	WASHER SPRING	1	PC	
039	WASHER 18-8	1	PC	
040	WASHER SPRING	1	PC	
041	WASHER 18-8	1	PC	
042	WASHER SPRING	1	PC	
043	WASHER 18-8	1	PC	
044	WASHER SPRING	1	PC	
045	WASHER 18-8	1	PC	
046	WASHER SPRING	1	PC	
047	WASHER 18-8	1	PC	
048	WASHER SPRING	1	PC	
049	WASHER 18-8	1	PC	
050	WASHER SPRING	1	PC	
051	WASHER 18-8	1	PC	
052	WASHER SPRING	1	PC	
053	WASHER 18-8	1	PC	
054	WASHER SPRING	1	PC	
055	WASHER 18-8	1	PC	
056	WASHER SPRING	1	PC	
057	WASHER 18-8	1	PC	
058	WASHER SPRING	1	PC	
059	WASHER 18-8	1	PC	
060	WASHER SPRING	1	PC	
061	WASHER 18-8	1	PC	
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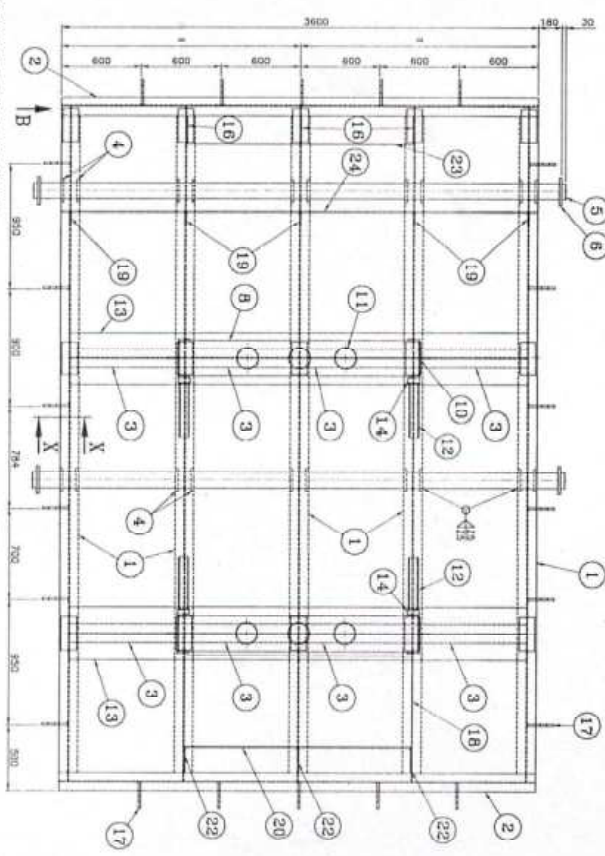
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013	WASHER SPRING	1	PC	
014	LOCK WASHER	1	PC	
015	WASHER 18-8	1	PC	
016	WASHER SPRING	1	PC	
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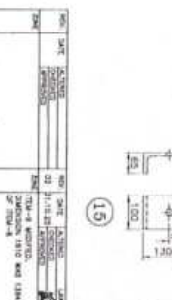
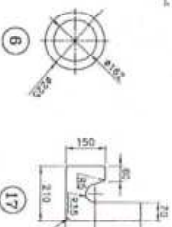
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)



SECTION--XX

(SEE TR-9)



001	004	100
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TECHNICAL REQUIREMENTS:-

- [illegible]

ARRGT.

11. ALL WORK TO BEAR WRITING TO BE DONE AS PER "VIEW AS INDICATED".

③

17

8-1033-2C
20000110 000 0100

FROM FILE

BOTTOM SHAFT

ITEM NO. - QUANTITY NO.

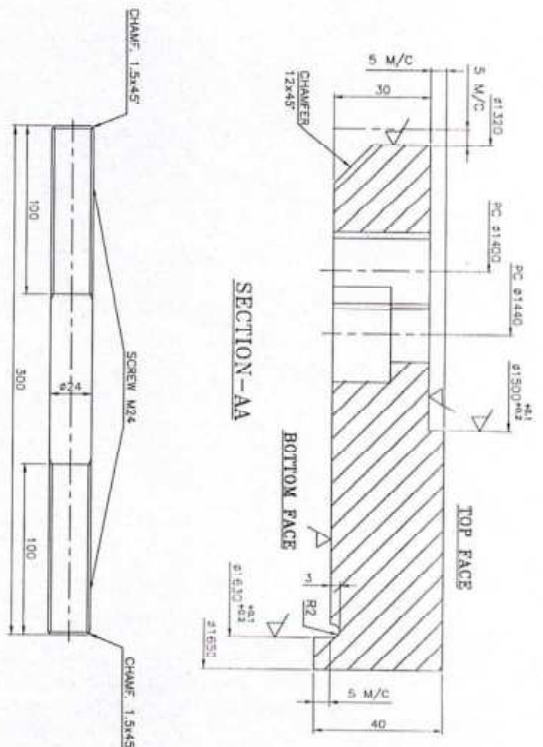
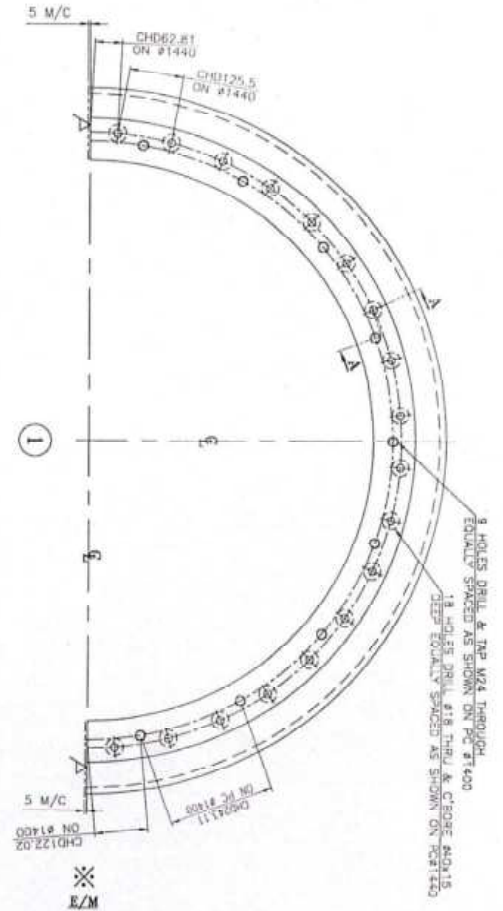
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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

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FIRST ANGLE PROJECTION

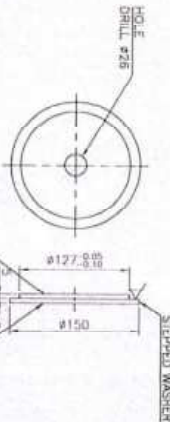
ALL DIMENSIONS ARE IN MM



TECHNICAL REQUIREMENTS:-

1. APPLY TYP ON MACHINED SURFACES TO BP080094.
2. ALL SHARP CORNERS & EDGES TO BE ROUNDED OFF.
3. SURFACE FINISH OF MACHINED SURFACES SHALL BE 3.2 MICRONS OR BETTER.

2



3 ALL OVER

FABRICATION DETAILS OF ITEM-1

ITEM NO.	ITEM NAME	ITEM CODE	ITEM QTY	ITEM UNIT	ITEM PRICE	ITEM TOTAL	ITEM ZONE
001	STUD M24	001	1	PC	1.07	1.07	1
002	WASHER PLATE	002	1	PC	1.15	1.15	1
003	CLAMPING PLATE	003	1	PC	92.60	92.60	1
004	40TX 5.5SQ. PLATE	004	1	PC	92.60	92.60	1

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For Labour Basis Jobs (Machining) for 28/68 Buying group

Important Note : General terms & conditions are also applicable as per BP -200102 for indigenous vendor already available at B-2-B website of BHEL Bhopal internet webpage .

Techno commercial annexures for labour basis/Job work job/Mixed basis Section –A

1. Scope of Work:

- a. Scope of work shall include completion of all the works / operations as per BHEL drawings, inspection of the material and delivery of the goods to BHEL stores in accordance with the drawings specifications, technical scope, QA plan, annexure & other relevant documents etc.
- b. Technical scope is only for guidance and not exhaustive. Supplier has to take all necessary care and deliver the item to satisfy relevant quality standard applicable for such product.
- c. All required materials and / or components to be issued as free by BHEL under rule-55(1)-(B),(C) and (D) of central goods and service (CGST) rules 2017 against valid Bank Guarantee.
- d. Before start of manufacturing vendor to confirm latest revisions of Drawings, painting specification & QA plan (if any) in writing from Indenting deptt or Concerned Engineering deptt

2. Security against Material for labour basis/mixed basis jobs :

The raw material /components/sub-assemblies listed in enclosed free-issue material statement ("A" form) for the item(s) described in enquiry, shall be issued as Free Issue Material (FIM) by BHEL under rule-55(1)-(B),(C) and (D) of central goods and service (CGST) rules 2017 against valid **Security against FIM**, to be furnished covering cost of material proposed to be issued. Cost of any other inputs shall be borne by the supplier and are deemed to be included in the scope of supply/quotation. In case issuance of material gets delayed because of non-submission of **Security against FIM**, BHEL reserves the right to cancel the order. Pls. refer B2B site for full details. A declaration to be submitted for balance value of free issue items & solvency certificate to be submitted

In case of order, the vendor would be required to furnish **Security against FIM** as follows, if not stated otherwise in the main Enquiry.

a) Security against Free Issue Material to sub - contractor :-

The free issue materials are classified into 3 categories as follows for Security against FIM purposes:

Category A: Normal material of MS, SS, HSS, CRGO & CRNGO etc. for machining, fabrication and lamination purpose and copper sheets for welding to transformer tank

Category B: High value item e.g. Thermal blades, Turbine runner, Liners and Labyrinth for HVOF coating etc.

Category C: Very high value items like copper for moldings of conductors, silver for soldering etc.

b) Value of Security against Free Issue Material:

For category 'A' items as per above, Security against FIM to be taken for 10% of the highest balance of MWF value (taking into account both PMIV & SMIV held by vendors). Highest balance shall be reckoned as the MWF value appearing at the end of each month, starting from April of previous year to March of current year. (applicable from 01st June of current year). - **For PMD vendor**

Under Category "A" and "B", when enquires are issued simultaneously to new & established vendors, a uniform Security against FIM 10% value of free issue material shall be applicable.

c) Mode of Security against Free Issue Material: Security may be furnished in the following forms:

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

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

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In case of "Security against material" is in the form of Bank Guarantee or Insurance Surety Bond, the claim date shall extend beyond a minimum period of 3 months from validity date. The BG is to be furnished in prescribed Performa and from BHEL Consortium Banks only (available with ASC division & hosted in B2B website of BHEL, Bhopal).

d) Forfeiture of Security against Free Issue Material:

The Security against FIM will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier. The breach of contract may be due to non-returning, rejection of material etc.

The Security against FIM will be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60(sixty) days of completion of all such obligations including the warranty under the contract.

e) Undertaking for Free Issue Materials and Solvency certificate:

All vendors have to necessarily submit "Undertaking for Free Issue Materials", as per sample form no. BP205515 (annexure XV).

All vendors have to necessarily submit "form for solvency certificate" as per sample form no. BP205516 (annexure XVI)

Kindly refer B-2-B vendor portal website of BHEL Bhopal for further details of GTC, BG format and solvency certificate.

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3. Rates:

- a. Rates should be quoted in the unit mentioned in the enquiry, exclusive of taxes & duties but inclusive of desired/specified packing and to & fro transportation charges for delivering the completed job to BHEL Bhopal. Payment of all taxes if any for transportation of free issue material from Bhopal to the works of the supplier is to be borne by the supplier.
 - b. All applicable Duties & Taxes, which BHEL is required to pay should be clearly declared.
 - c. Rates shall remain firm basis and not subject to any variation / escalation during the period of contract on any account. The quoted rates should not be linked with quantity to facilitate part orders.
 - d. Rates should be valid for ordering for 120 days from the date of tender opening. Offers received with validity period less than 120 days shall not be considered.
4. Scrap /Swarf clause: Scrap to be retained by vendor on chargeable basis. Scrap Cost and GST and other taxes (if any) on scrap shall be recovered from vendors bills. For this purpose, scrap selling rate shall be taken as mentioned in enq. office copy. The difference between the raw material weight (R/W) and finished weight (F/W) would be taken for determining the quantum of scrap generation.
5. GST as applicable on labour basis job.
6. Free-Issue-Material (FIM) will be issued by BHEL under rule-55(1) - (B), (C) and (D) of central goods and service (CGST) rules 2017 and the vendor will have to return the Duplicate/ Transporter/Green copy of excise challan to BHEL after value addition along with supplies along with supply/ the stipulated period as per GST rules. Failing which, the cost of material including GST paid by BHEL may be recovered from the vendor at the applicable rate. Moreover, overhead charges may also be deducted.
7. No rejection allowance is permissible
8. Supplier should indicate the supply capacity per month and delivery schedule, in No. of days/weeks/months (as the case may be) meeting enquiry requirement
9. Dimensional report TC, GC etc. as the case may be, to be furnished along with the supply. Machined items must be protected properly to avoid dent or damage during handling/transportation. TRP to be applied in each item.
10. Quotation should be valid for minimum 120 days from the date of opening of tender.
11. Purchase order can be issued for part quantity / item / item wise L1 basis, if not specified otherwise in the enquiry.
12. The vendor shall produce the free-issue-material supplied to them to BHEL officials visiting vendor's unit for verifications/ inspection purposes at any time. If vendor fails to produce or properly account for the material so issued, BHEL will take further action as deemed fit including the recovery of the value of material as per BHEL norms from vendor bills & BG.
13. **Splitting of order quantity:** BHEL reserves the right to split the ordering of tendered quantity. We need suppliers as mentioned in the Enquiry NIT for execution of this work.

The merit rank would be based on their standing position in RA or price bids. Above percentages are approximate figure. All quantities will be rounded off to nearest whole number. Other than L1 vendor shall be counter offered at L1 accepted rates and on acceptance of same by them, order shall be split as above. In case of non-acceptance of counter-offer by vendor as above, counter-offer process shall be repeated with other vendors in the order of their merit in the comparative statement of prices obtained through Part-II or RA. If we do not get sufficient vendors in final bidding of RA, then ranking of vendors will be picked from initial / dynamic bidding in order of their merit for counter offer purpose. Following are to be noted herein:

- a) No supplier must refuse the less quantity allocated.
- b) Additionally, BHEL also reserves the right to revise the tendered quantity downward with or without split ordering as above
- c) In case any of vendors L2 do not accept the counter offer of L1 rates, then the counter offer shall be made to other remaining vendors sequentially as per their comparative statement of prices obtained through Part-II (price bids) or ranking in RA followed by their ranking in sealed bids. At the end, however, if it is observed that less than the vendors required (excluding L1 vendor) has agreed to L1 rates, then the order shall be finalized with only those vendors who accepts L1 rates. The quantity distribution then shall be then proportionally revised as declared in enquiry details /enquiry remarks / enquiry main copy.
- d) In case, if less number of vendor accepts our counter offer then the quantity shall be redistributed as per split ratio shown above.

(To be Signed and Sealed by Bidder in Acceptance of above points in Totality) Page 3 of 14

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- e) In case of capacity constraint /monthly capacity of vendors the additional quantity over & above of their shares will be distributed on other vendors suitably.

14. Basis of evaluation of quotations

- a) Only offers received before due date and time and meeting the terms and conditions of the enquiry will be considered.
- b) In case of Two bid system, all the bidders should read “instructions to bidders for submission of two bid system”. Whenever two bid system of enquiry is mentioned “BHEL reserves the right to go in for Reverse Auction instead of opening the submitted sealed bid, which will be decided after technical evaluation”. All the bidders should also read additional instructions to bidders for Reverse Auction (Ref. Annexure-IV).
- c) All the offers for each items shall be compared for landed cost to BHEL at BHEL stores.
- d) In cases where more than one offer is at L1 price, L1 will be decided :-

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

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

Ranking will be done accordingly, BHEL’s decision in such situation shall be final and binding”

- e) Offers received on any other basis other than the unit specified in tender shall be compared on the basis of design weight indicated in drawing.
- f) L-1 /lowest rank will be decided on basis of HESG cost/total landed cost to BHEL Bhopal.
- g) Offers having deviations to the terms and conditions will be suitably loaded as per standard/suitable loading factors of BHEL to derive total landed cost to BHEL at BHEL stores.
- h) GST as applicable on the date of enquiry shall be taken wherever it is not indicated in the offer for arriving the price to BHEL Bhopal.
- i) Decision of BHEL in this regard will be final and binding without any further correspondence with the supplier.
- j) During bid evaluation, No loading of price with regard to preferential payment of within 45 days will be made on vendor falling under MSMED ACT – OCT.06.

15. Acceptance & Rejection of bids

- a) In case of two bid system, firms whose bids have been evaluated but found not meeting the qualification criteria would be intimated and un-opened price bid shall be returned to them.
- b) Bids not in line with the terms and conditions of the tender enquiry, or unsatisfactory past performance, or not meeting the required delivery schedule/ long delivery or not conforming to normally accepted practices are likely to be rejected.
- c) Suppliers are requested to quote in two parts for 2 bid enquiries. However, for quotations submitted in single bid against our requirement of two bid will be considered only if the bid is techno-commercially accepted without seeking any clarifications from the vendor. Otherwise, the bid is liable to be rejected.
- d) If any new vendor to whom enquiry is issued & who is not registered in BHEL, their price bid shall be considered only after, they will get registered with BHEL.
- e) BHEL reserves the right in respect of acceptance & rejection of bids, which will be final and binding without any further correspondence.
- f) If a vendor is on hold/debarred and quotes BHEL reserve right not to evaluate their offer, without further informing to vendor.
- g) In case of any deviation submitted for vendors BHEL will preferably asked the vendors to withdraw their deviation as per BHEL NIT terms.

BHEL prefers : **As given in enquiry remarks** (item wise basis)

Delivery mentioned in the purchase order can be pre-poned / postponed as per the project schedule. Supplier will be required to meet the revised delivery schedule accordingly. In case of labour basis jobs / mixed basis jobs normally the vendors are expected

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to lift material in time without any reminders from BHEL and the delivery is computed as per the agreed manufacturing cycle mentioned in the enquiry / offer. However, at times, BHEL will remind the vendors through emails to lift material. In such cases, the delivery will be computed from the last date of issue of material.

If any new vendor to whom enquiry is issued & who is not registered in BHEL, their price bid shall be considered only after, they will get registered with BHEL

16. Taxes & duties: -

- a) Applicable Duties & Taxes, which BHEL is required to pay, should be clearly declared considering the offer validity and quoted delivery period. Otherwise BHEL will not be responsible for payment of any kind of duties & taxes.
- b) Taxes and duties will be paid extra as applicable on the date/dates of contractual delivery or actual delivery whichever is lower.
- c) Parties shall declare: GSTIN details, GSTIN no. SAC code, Excise duty, sales Tax, IT PAN and SSI registration details and also communicate subsequent changes wherever not submitted earlier at the time of registration.
- d) All the formalities relating with existing taxes and duties as well as such taxes and duties which will be introduced in future, will be discharged by the vendor and there shall be nothing which will fall on BHEL.
- e) Form 88 – BHEL being Public Sector Undertaking of Gov. of India is exempted vide notification no. FA329/2004/1/V(54) DT 26/10/2005 by order of Addl. Secy. Gov. of M.P., in respect of goods sent from a place outside the state of Madhya Pradesh.
- f) Vendor to follow strictly adhere to the government E-way bill rules for transportation.

17. Payment –

- Indigenous: 100% payment in 90 days of receipt (45 days for Micro & Small and 60 days for Medium enterprises as registered in Udyam certificate as per relevant MSME act in force) and subject to acceptance of material and relevant documents at BHEL. In case of despatch of material to site directly, site certification for receipt of materials is required unless otherwise provided for in the PO. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate + 6% for the purpose of bid evaluation.

“MSE bidders as defined by the MSMED Act as amended from time to time can avail the intended benefits only if they submit along with the offer, attested copies of relevant document stipulated in the MSMED Act or its rules/regulations as amended from time to time and /or by the buyer. Non submission of such documents as stipulated hereinbefore will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for the concerned for the tender enquiry, if any deficiency in the above required documents is not submitted before the price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL may reject the bid or, as the case may be, cancel the order and take necessary steps for suspension of the business dealing against the bidder as per the extant guidelines for suspension of business dealings with suppliers/ contractors of BHEL. Note: MSME benefits shall not be given to traders, Dealers or authorised agents.”

18. Reverse Auction: (As per Guidelines as available on www.bhel.com)

19. BID SECURITY/ Earnest Money Deposit (EMD):

To safe guard against a bidder's withdrawing or altering its/ his bid during the bid validity period, Bid Security [also known as Earnest Money Deposit (EMD)] is to be submitted by the bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)). EMD shall not carry any interest. Amount of EMD shall be as mentioned in NIT document (if required).

Modes of deposit of EMD:

- a) The EMD may be accepted only in the following forms:
 - (i) Electronic Fund Transfer credited in BHEL account (before tender opening).
 - (ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer).
 - (iii) Fixed Deposit Receipt (FDR).
 - (iv) Bank Guarantee from any of the Scheduled Banks.
 - (v) Insurance Surety Bonds.

b) In case the EMD is more than Rupees Two lakh and in case of foreign bidders, it may be in the form of a bank guarantee (in equivalent Foreign Exchange amount, in case of foreign bidders) issued/ confirmed from any of the scheduled commercial bank in India in an acceptable form. The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.

Forfeiture of EMD

i) A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.

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(ii) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.

Return of EMD

- (i) Bid securities of the unsuccessful bidders should be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, in case of two packet or two stage bidding, Bid securities of unsuccessful bidders during first stage i.e. technical evaluation etc. should be returned within 30 days of declaration of result of first stage i.e. technical evaluation etc.
- (ii) Bid security should be refunded to the successful bidder on conclusion of the order/ receipt of a performance security (if called in the tender).
- (iii) In case of expiry of offer validity period or any other circumstances, EMD can be released after the approval of Concerned Authority.

20. PERFORMANCE SECURITY

To ensure due performance of the contract, Performance Bank Guarantee (PBG) or Security Deposit (SD), hereafter referred as performance security is to be submitted by the successful bidder awarded the contract. The need for the Performance Security depends on the market conditions and commercial practice for the particular kind of goods. The total amount of Performance Security should not be less than five percent (5%) of the contract value. The Performance Security shall not carry any interest. The requirement of Performance Security or otherwise, as the case may be, shall be clearly specified in the tender conditions/NIT.

Performance Security is to be furnished by a specified date (generally 14(fourteen) days after notification of the award) and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

Modes of deposit of Performance Security:

a) Performance security may be furnished in the following forms:

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

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

b) In case of GTE tenders, the performance security should be in the same currency as the contract and must conform to Uniform Rules for Demand Guarantees (URDG 758) - an international convention regulating international securities.

Forfeiture of Performance Security:

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

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

21. Breach of contract, Remedies and Termination

In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is at least 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies be pursued. The balance scope shall be got done independently without Risk & Cost of the failed supplier/ contractor.

Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.

22. Conflict of Interest among Bidders/ Agents

"A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) they have controlling partner (s) in common; or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/agent for purposes of this bid; or
- d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; or
- f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following:

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1. The principal manufacturer directly or through one Indian agent on his behalf and
 2. Indian/foreign agent on behalf of only one principal;
 - b) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; or
 - c) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.
23. Confidentiality agreement: Without prior permission of BHEL, NIT related documents shall not be used for any other purpose.
24. Offers from supplier which is either debarred or under debarment in BHEL shall not be considered for evaluation.

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Section –B (Additional terms for labour basis jobs)

1) ORDER EXECUTION:

Materials should be lifted immediately on receipt of intimation of readiness. Delivery period shall be reckoned after 2 days from the date of intimation. If any delay is due to non-lifting of material shall not be considered for delivery amendment. Stock Verification

25. BHEL reserves the right of verification of material lying with the subcontractor /supplier at any time.
26. BHEL material should be stocked at one place with identification with tags on them and should not be mixed with other materials.
27. Proper stock record of material held with them shall be maintained and the same shall be provided to BHEL on demand. If the Subcontractor fails to produce or properly account the materials so issued, BHEL will have the right to recovery of the value of the materials along with the respective administration charges and statutory levies from the running bills of the Subcontractor.
28. Any of the materials of BHEL under no circumstance be sold / hypothecated to any bank or to any lending institution or to any party whomsoever. It should not also be shown as the Subcontractor's assets in any of statements of the Subcontractor to any party.
29. Subcontractor should take all necessary precautions to ensure safety of BHEL material against damage or loss in any form.
30. Further subcontracting of work without prior written permission of BHEL is not permitted. Also, Shifting of items / materials issued by BHEL to any place other than the Subcontractor's works is prohibited.

2) Issue and accountal of free issue material from BHEL :

- a) Material /components will be issued free of cost under GST ACT 2017 only. Material accountal statement will be submitted by the supplier along with each bill. Free-Issue-material (FIM) will be issued by BHEL under GST rule For movement of inputs of partially processed goods under Rule 55(1)- (b), (c) & (d) of Central Goods & Service Tax (CGST) Rules, 2017 of Invoice GST rule from one factory to another factory for processing / operation and subsequent
- b) Material shall be issued in form of raw material & components as mentioned in the technical scope with adequate allowance as per prevailing engineering practice.
- c) It shall be the responsibility of Subcontractor to check the raw materials received by them for quality & quantity and ensure its correctness before removing it from BHEL premises.
- d) Any wrong material collected should be immediately communicated for remedy. Excess material collected should be immediately returned in the usable form.
- e) Any wrong material collected should be immediately informed to us for correction. Excess material collected should be immediately returned in the usable form against not for payment challan through SRV, & only cutbits/offcuts i.e end pieces shall be returned through SCRN.
- f) Material issued for job work shall be taken back only in exceptional circumstances and upon written request of vendor with due justification.
- g) In cases wherever availability of material becomes critical for certain work order, BHEL has the right to either take back or transfer the balance, material available with the Subcontractor to other, with due material accountal, Free issue Material accountal shall be submitted by the vendor along with each supply. In case vendor fails to liquidate material accountal within stipulated period as per the GST rules from the date of issue of material, then BHEL may recover the cost of material.
- h) In case of rejection of BHEL issued material, vendor must repair and return/ replace, as the case may be, within 60 days from the date of rejection failing which such rejection shall be treated as "BHEL material damaged" and BHEL may recover the cost of material as per BHEL rules.

3) Q.A. Plan, Testing, Inspection, Quality certification & correlation

- a) Q.A. plan (if any) is to be strictly followed without any deviation and skilled worker will be employed as per job requirement & QA plan.
- b) Testing: -All types of testing & NDT would be in the scope of supplier and will be carried out through BHEL approved agencies unless specified otherwise in technical specification subject to review of NDT reports by BHEL. Testing of sample if done in BHEL TSD department will be on chargeable basis as per prevailing rates.
- c) Inspection and traceability of free issue Material
 1. All the material and components taken from BHEL should have got inspected and should be used only for the purpose for which it is issued by QC of BHEL otherwise job is likely to be rejected.
 2. It shall be the responsibility of subcontractors to check the raw materials received by them for quality & quantity as mentioned in the order.
 3. Subcontractors shall ensure transfer of materials identity and traceability at all stages and also maintains proper records.

4. Inspection of completed jobs

- a Inspection shall be done by customer, third party and/or BHEL's quality control department as mentioned in the QA plan /annexure.

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- b In case of inspection by customer or his authorized agency, intimation of readiness of job for calling the party should be given at least one week in advance.
 - c After inspection at supplier's works the goods will be cleared for dispatch on provisional basis. Any defects noticed during assembly, testing or use is to be attended by the subcontractor, including replacement.
 - d The cost of rework or rejection, and any cost of freight incidental to such work will be to the Subcontractor's account.
 - e Subcontractors shall provide all reasonable facilities to BHEL personnel to have access to the records of the issued material and items under manufacture at all stages of processing and inspection.
- 5) **CALIBRATION :**
1. Subcontractor shall use only relevant measuring instruments, templates; gauges- calibrated at, either BHEL or at any Govt., approved labs – traceable to national standards or BHEL approved agencies for the purpose. 2. Relevant Test Certificates are to be produced to BHEL inspection staff for verification and demand.
- 6) **PENALTY / LD CALUSE:** In case of late delivery a penalty @0.5% of the total order value per week of delay or part thereof subject to a maximum of 10% of total order value would be levied.
- a) **Order Cancellation:** BHEL shall have the right to cancel any order either wholly or in part on account due to cancellation of order or any curtailments or stoppage of BHEL's business or any other reason which justifies cancellation with recovery of full material cost.
- b) In the event of delay in lifting the free issue material or/and delay in completion of work , BHEL shall be free to cancel the order in part or full and divert it to alternate subcontractor as per BHEL policy.
- 7) **Confidentiality Agreement**
- 1 All successful vendors are under obligation to maintain complete confidentiality of the documents, process etc . Acceptance of terms and conditions of the tender implies and binds the vendor to this agreement and no separate agreement need not be entered.
 - 2 BHEL drawings shall not be used other than BHEL's requirements which after manufacture of items shall be returned along with delivery of materials.
- 8) **Guarantee**
- The subcontractor shall warrant that the goods fully complies with the drawings and other technical conditions. If the finished goods are found defective owing to faulty workmanship / incomplete work within a period of 24 months from the date of dispatch the subcontractor shall make good of it / replace the same free of cost. Alternatively, the rework/replacement will be done by BHEL at the cost and risk of the subcontractor.
- 9) **Insurance- Submission of documents by the vendors :** Material issued to vendors are covered under BHEL corporate insurance policy. In case of any loss, to facilitate processing of claim, the vendor needs to furnish all required documents in time. The vendor is liable to pay the loss if the claim is not enforceable due to non-submission of documents by the vendors.
- 10) **General**
- a) Any change in the constitution of the subcontractor's unit during the operation of the contract will have to be made only after getting the specific written approval from BHEL. Non - compliance to this may entail cancellation of registration.
 - b) The Subcontractor shall comply with all statutory obligations such as ESI. PF, labour laws, Factories Act. BHEL shall not be responsible for any of the penalties/ fines etc on this account.
 - c) Further to the above, other instructions for packing, liquidated damages, arbitration & jurisdiction, indemnity, rejection etc., shall be as per the terms & conditions of indigenous enquiry BP -200102 and purchase order MM 5527 as issued by material management department. (copy of documents mentioned above are already available with the vendors & hosted in B2B site of BHEL Bhopal <http://www.bhelbpl.co.in/mm/>).

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- a. Progress report – Progress report will be required to be sent every week without fail by e-mail to skbaranawal@bhel.in indicating the status of each purchase order and hold up points. Please indicate your e-mail address in your offer without fail.
 - b. In case of mismatch or any typographical mistake, computer generated enquiry copy shall be valid for enquiry.
 - c. Pls visits B-2-B site for all information <http://www.bhelbpl.co.in/mm/>
 - d. **Acceptance of all the above Enquiry terms & conditions & annexures are required in your offer. The same is to be signed by the vendors and submitted along with Part-1 offer. Offers/Bids/Quotations may be rejected without submission of same.**
- 11) **REGARDING TOOLS/Jigs, Fixtures, checking templates :**
“In cases where tools are issued **VENDORS ARE REQUESTED TO RETURN THE TOOLS IMMEDIATELY ON COMPLETION OF JOBS. IN CASE THE TOOLS ARE NOT RETURNED WITHIN 3 MONTHS OF ISSUE OF THE SAME, THE BILLS OF THE VENDORS MAY BE KEPT UNDER HOLD TILL RETURN OF THE TOOLS**”
- 12) **BHEL RESERVES RIGHT TO CANCEL**
- i. Our requirement part or full at any stage of the tender finalization (or) even after finalization of tender. PO can be short close or mutually extended at any point depending upon order BHEL book position and BHEL shop loading capacity etc.
 - ii. Or forfeit the chance in tender, if any vendor(s) found to be “unsatisfactory” during our assessment processes/noncompliance of statutory requirements etc. as required for “vendor registration” during/after the processes of finalization of contract.
 - iii. The order(s), if any vendor (s) found to be “unsatisfactory” during our periodical assessment processes / review of assessment processes/ noncompliance of statutory requirements etc. as required for “vendor registration” during the execution of order(s).
 - iv. Divert order(s) allocation quantity, in case of non-submission/ delay in submission/delay in lifting the material/delay in completing the work/delay in supply or failure to meet order delivery schedule / in-sufficient amount of bank guarantee/non-execution of orders by vendor(s) as per BHEL rules/current practice .
 - v. In case L-1 supplier or any supplier after finalization of rate contract is not maintaining supply within stipulated contractual delivery, the balance quantity will be distributed in order of merit.
 - vi. The contract or forfeit the chance in tender, if any vendor (s) disposed off units/found to be sick/ running under unrest/ declared insolvency /nonrenewal lease deed during/ after finalization process/ during the validity of the contract without assigning any reasons thereafter.
 - vii. The offers of the vendor who are in banned list and offers of those firm who engaged with the services of banned firm the offers shall be summarily rejected. If the vendor is found in banned list of BHEL at later stage the PO shall be cancelled. The list of all banned firm is available in BHEL internet site at www.bhel.com.
 - viii. Any deviation to any points of this annexure or enquiry should be clearly mentioned in offer. Otherwise, it will be presumed that supplier agrees to these conditions.
Any deviation to BHEL NIT conditions and BHEL std practice will be suitably loaded as per BHEL current loading factors to arrive at total cost to BHEL to decide Total Landed cost to BHEL to arrive at L-1 status
- 14) Apart from the above, general terms & conditions of indigenous enquiry and purchase order issued by material management department vide BP -200102, MM 5527 respectively will also be applicable (already available with the suppliers and hosted in B-2-B site <http://www.bhelbpl.co.in/mm/>).
- 15) Acceptance of all the above Enquiry terms & conditions & annexures are required in your offer. The same is to be signed by the vendors and submitted along with Part-1 offer. Offers/Bids/Quotations may be rejected without submission of same. Deviation to be clearly mentioned in your offer else we assume that you have accepted all terms of BHEL. In case of e procurement enquiries as tender is submitted by verified DSC of vendor hence it will be presumed that all terms and conditions of tender and annexures are accepted in TOTO unless if any deviation is submitted or written in your online quotations .

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DECLARATION BY VENDOR

We declare that following family firms or sister concern affiliates/subsidiary firms are participating in tender No. E _____

1 M/s _____

2 M/s _____

3 M/s _____

I _____, hereby declare on behalf of M/s _____ and the family firms or sister concern affiliates /subsidiary firms listed above that we are not indulging in cartel information for Enquiry No. E.....

(_____)

For M/s... _____

(Sign & Seal)

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Annexure II

Instructions/Checklist for Vendors for BG :

- 1) Bank Guarantee / BG Extension shall be made strictly as per BHEL's Standard format as available on B2B site.
- 2) Validity date must be explicitly mentioned in the BG. There should be adequate gap, preferably minimum 3-6 months between Validity date and Claim date.
- 3) Claim Date must be mentioned in the BG.
- 4) **Confirmation:** As per Corporate and RBI guideline confirmation is required in respect of each BG. Confirmation may be provided by the same issuing branch by the officials higher in rank or from the office mentioned in the BG for confirmation. Thus Vendors must ensure that BG bears the Confirmation office address explicitly.
- 5) **Stamps:** Stamps must be purchased from registered stamp vendor. Stamp purchase date must be old than the date of the execution of the Bank Guarantee. E stamp is also allowed. Stamp must be purchased for BG purposes only. Place of execution of BG and purchase of stamp shall be in the same State.
- 6) Value of stamp must be as per Stamp act prevailing in the state where the BG is submitted or the state where the BG executed, whichever is higher.
- 7) **Bank Seal and sign of Bank Employee:** BG must be signed and sealed on every page of the BG. Employee Name and Code must be present in the BG at the end of the BGs text. Every BG having value more than 50,000/- must be signed by two authorized signatories of the bank.
- 8) Place of Invocation must mention on BG.
- 9) BGs should not be from the co-operative banks
- 10) BGs can be issued through consortium banks only.
- 11) Vendors must provide the BG from banks which are already SFMS Compliant. If vendors banks are not SFMS Compliant, a declaration from bank is required.
- 12) Email ID, phone no, Fax No of bank must mention on BG.
- 13) Extension/Amendment of BG is required on Rs. 1000/- Stamp Paper.
- 14) Bank Guarantee for Advance Payment – The BG shall be for 110% of the value of advance.
- 15) Cutting / overwriting on the BG shall be properly authenticated under signature and seal of the executing Bank.
- 16) Latest Solvency certificate: Latest Solvency Certificate in original, with Bank Seal and sign of Bank Employee, in BHEL's standard format shall be enclosed with Sub Contracting BG.
- 17) BG documents wherein corrections have been marked may also be enclosed with final corrected BG, where original BG document is being replaced.
- 18) Digital signed secured email confirmation required from BG issuing bank.

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Annexure III

UNDERTAKING FOR FREE ISSUE MATERIALS

M/s Bharat Heavy Electricals Limited
Piplani, Bhopal -462022 (M P)

Whereas M/s Bharat Heavy Electrical Limited (hereinafter referred to as 'The Customer' which expression shall unless repugnant to the context includes their legal representatives, successors and assigns having their office at Piplani, Bhopal 462 022, MP has entered in to a contract with M/s. _____ (hereinafter referred to as 'The Contractor' which expression shall unless repugnant to the context includes their legal representatives, successors and assigns for supply for free issue material on the terms and conditions as set out inter-alia, in the above said Purchase order/various purchase orders and various documents forming part thereof hereinafter collectively referred to as the 'Said Contract' which expression shall include all amendments, modifications and / or variation thereto. This will also include other future fabrication and machining orders placed by BHEL during below mentioned period.

AND WHEREAS the customer has agreed to supply to the contractor major portion of raw materials / components etc. for the purpose of execution of the said contract by the contractor (the raw materials/ components etc.) to be supplied by the customer to the contractor hereinafter for the sake of brevity referred to as the "Said Materials" shall be under the custody and charge of the contractor and shall be kept, stored, altered, worked upon, machined/fabricated at the sole risk and expense of the Contractor.

Now Therefore in consideration of the pre-condition to the supply of the said materials by the Customer to the contractor, the Contractor hereby irrevocably and unconditionally undertake to compensate and keep compensated the customer from and against all loss, damage and destruction (inclusive but not limited) to any or all loss or damage and destruction to or of the said materials or any item or part thereof by theft, pilferage, fire, flood, storm, tempest, lightning, explosion storage, chemical or physical action or reaction, bending, warping, exposure, resting, faulty workmanship, fabrication or faulty method or technique of fabrication, strike, riot, civil connection or other act or omission or commission whatsoever within or beyond the control of the Contractor, misuse and misappropriation (Inclusive but not limit to misuse or misappropriation by the contractor and the contractor's servant and or agents) Whatsoever to or of in the said materials or any part of item thereof from the date that the same or relative part of item thereof was supplied to the Contractor up to until the date of return to the Purchaser of the said material or relative part of item thereof or completed construction works incorporating the said material and undertake to pay to the customer forthwith on demand in writing without protest or demur the value as specified by the Customer of the said material or item or part thereof lost, damaged, destroyed, misused and / or misappropriated, as the case may be, together with the Customers costs and expenses (inclusive of but not limited to handling, transportation, cartage, insurance freight, packing and inspection costs/ or expenses) upto and aggregate limit of Rs. _____/- (Rupees _____ only) and/or additional value of material, if supplied to contractor.

1. The Undertaking shall be a continuing/ Undertaking and shall remain valid and irrevocable for all claims of the purchaser arising hereunder upto and until the midnight of _____. However, if the Contract for which this Undertaking is given is not completed by this date Contractor hereby agrees to extend the Undertaking till such time as is required to fulfil the Contract.
2. This Undertaking shall not be determined on change of constitution or insolvency of the Contractor but shall be in all respects and for all purpose be binding and operative until payment of all moneys payable to the Customer in terms hereof.
3. The mere statement or allegation made by or on behalf of the customer in any notice or demand or other writing addressed to the contractor as to any of the said material or item or part thereof having been lost, damaged, destroyed, misused or misappropriated while in the custody of the contractor and / or prior to completion of the completed fabrication/ machining works and handing over the completed job thereof incorporating the said materials shall be conclusive of the factor of the said material or item or part thereof having been supplied to the Contractor and / or the loss, damage, destruction, misuse or misappropriation thereof, as the case may be, while in the custody of the Contractor and / or prior to the completion of the fabrication/ machining/processing works and handing over the completed job thereof incorporating the said materials without necessity on the part of the customer to produce any documentary proof or other evidence whatsoever in support of this.
4. The amount stated in any notice of demand addressed by the customer to the Contractor as to the value of such said materials lost, damage, destroyed, misused or misappropriated, inclusive relative to the costs and expenses incurred by the Customer in connection therewith shall be conclusive of the Value of such said materials and the said cost and expenses as also of the amount liable to be paid to the customer without producing any voucher, bill or other documentation or evidence whatsoever in support thereof.

The undersigned has full power to execute this undertaking on behalf of the Contractor under the capacity as Chairman & Managing Director/ owner/partner of the Company.

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Place : _____ For (Company Name): _____

Date : _____ Authorized Signature : _____

(Name, Sign & Seal of Company: _____)

Witnesses :-

1. Signature : _____
Name : _____
Address : _____

2. Signature : _____
Name : _____
Address : _____