

Confirmation / Acceptance of Commercial Terms & Conditions for Foreign Vendors*(Annexure-B to be filled, signed & stamped by Vendor and this should form a part of Techno-Commercial bid)*

S. No	BHEL TERMS & CONDITIONS	VENDOR RESPONSE
1.	PRICES: 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. Please confirm.	
2.	INSPECTION Pre dispatch inspection at vendor's works by BHEL/ NPCIL as per NPCIL approved QAP. Post-Dispatch at BHEL Bhopal (QC FBM LF3). Please confirm.	
3.	AGENCY COMMISSION: Agency commission if any to be included in price basis and indicated separately as a percentage of quoted value. Please confirm.	
4.	PLACE OF DELIVERY: Indicate the name of Seaport/Airport on CFR / CIF basis delivery. 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. For further clarification refer GTC BP 200102B .	
5.	DELIVERY PERIOD: Delivery period to be quoted in no. of days from the date of receipt of Purchase Order. The required delivery is 240 days from date of PO. Delivery quoted beyond our requirement is liable for rejection. Delivery will be calculated from date of last document approval from NPCIL. Vendor to submit QAP for approval within 15 days from PO and resubmission within 7 days from comments.	
6.	BHEL PAYMENT TERMS: 100% against Irrevocable, Unconfirmed LC, payable within 90 days of the Bill of Lading (B/L) date 'OR' Payment terms of CAD payable on 90th day of B/L / AWB. Please Confirm. In case BHEL considers any deviation in payment terms i.e. early payment based on vendor's request, then bids shall be evaluated with loading of State Bank of India repo Rate plus 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.	
7.	LC Charges: a. L/C charges in India to BHEL A/C and outside India to vendor's account. Please confirm. b. Confirmation charges shall be in supplier's account in case confirmed L/C is required. Please confirm. c. In case of delay in supply by the vendor, charges for extension of L/C (Inside & Outside) will have to be borne by vendor. Please confirm.	
8.	Guarantee / Warranty: The material shall be guaranteed against defects, treatment and workmanship for a period of 18 months after dispatch or 12 months after actual use in our equipment, whichever is earlier.	
9.	LD/PENALTY: Subject to force majeure conditions, penalty shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value. Total order value above shall be item wise, lot wise order value.	
10.	QUANTITY VARIATION: BHEL reserves the right to increase /decrease/cancel the quantity during enquiry stage or during execution of the contract without assigning any reason.	

11.	EXCHANGE RATE: For evaluation, exchange rate (TT selling rate of SBI) as on scheduled Part-I date of tender opening. 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 for evaluation purpose.	
12.	VALIDITY: The offer must be valid for 120 days from the date of technical bid opening. PI confirm.	
13.	REVERSE AUCTION: 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 envelope price bid along with applicable loading, if any, shall be considered for ranking.	
14.	CURRENCY: Indicate the name of currency of the quoted prices. Please clearly specify. Evaluation to be done in INR as per clause 11 above.	
15.	PEBC Certificate submitted as per Annexure I OR Annexure II whichever is applicable.	
16.	PURCHASE PREFERENCE: For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Nonlocal supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT and subsequent amendments & Clarifications. 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.	
17.	OTHER IMP TERMS AND CONDITIONS:- 17.1 Bidder to provide the docs. along with their offer: - Filled, Signed & stamped copy of BHEL Spec. BHEL/NPCIL/30599/FWM/WD&T/NU1 rev.06 confirming each & every point. Signed & stamped copy of PQR to PI-832757033, QAP & documents as per PQR, Drawings, Tech. annexure 1 and Other documents (if any). 17.2 L1 Supplier to submit QAP in-line with the sample QAP given along with the technical specification, at contract stage for BHEL & NPCIL approval. Any change/modification in QAP at later stage by customer, M/s. NPCIL, shall be taken care of at supplier's end without any commercial implication. 17.3 In case of order, vendor to prepare and submit QAP involving all the stages till dispatch. QAP to be submitted by vendor within 15 days of PO placement and resubmission, if any, to be done within 7 working days of comments. Delivery shall be counted in no. of days (as mentioned in bid) from date of last document approval , for LD purpose. 17.4 Package-wise evaluation shall be done ie., package to consist of item-1 & item-2. 17.5 Price bid to be opened for NPCIL approved bidders only. Credentials of bidders meeting PQR & technical requirements shall be subject to NPCIL/BHEL approval. 17.6 Audit (if any) at manufacturer's works, shall be done by BHEL and NPCIL as per BHEL technical specification at technical scrutiny stage. 17.7 Vendor to furnish TC/ GC along with the material supply.	

In addition to above , General Terms & Conditions (GTC) are also attached. Bidder has to confirm their acceptance/nonacceptance specifically otherwise if nothing is written about it, it will be presumed that you have agreed with all conditions mentioned .

NOTE:

- a) DEVIATION IN ANY COMMERCIAL CONDITION ABOVE SHALL BE SUITABLY LOADED IN THE OFFERED PRICE AS PER BHEL NORMS.
- b) KINDLY REFER BHEL GENERAL TERMS & CONDITIONS **BP 200102B** THAT SHALL PREVAIL FOR THIS TENDER ENQUIRY.
- c) IN CASE OF ANY CONFLICT, CONFIRMATION BY VENDOR PROVIDED HERE IN ANNEXURE-B SHALL SUPERCEDE.

(Signature & Seal of vendor)

Confirmation / Acceptance of Commercial Terms & Conditions for Indigenous Vendors
(Annexure-B to be filled, signed & stamped by Vendor and this should form a part of Techno-Commercial bid)

S. No.	BHEL TERMS & CONDITIONS	VENDORS RESPONSE
1.	<u>PRICES</u> : 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. Please confirm.	
2.	<u>INSPECTION</u> : Pre dispatch inspection at vendor's works by BHEL/ NPCIL as per NPCIL approved QAP. Post-Dispatch at BHEL Bhopal (QC FBM LF3). Please confirm.	
3.	<u>PRICE BASIS</u> : Price to be furnished on "FOR BHEL BHOPAL" basis including packing & forwarding, Freight charges and transit insurance.	
4.	<u>Guarantee / Warranty</u> : : The material shall be guaranteed against defects, treatment and workmanship for a period of 18 months after dispatch or 12 months after actual use in our equipment, whichever is earlier.	
5.	<u>DELIVERY PERIOD</u> : Delivery period to be quoted in no. of days from the date of receipt of Purchase Order. The required delivery is 240 days from date of PO. Delivery quoted beyond our requirement is liable for rejection. Delivery will be calculated from date of last document approval from NPCIL. Vendor to submit QAP for approval within 15 days from PO and resubmission within 7 days from comments.	
6.	<u>MSE</u> : Are you registered as MSE vendor? Please provide Udyog Aadhaar in case of MSE vendors	Y / N
7.	<u>BHEL PAYMENT TERMS</u> : 100% payment in 90 days of receipt (45 days for MSE including NSIC / Udyog Aadhar registered suppliers as per relevant act in force), subject to acceptance of material at BHEL. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI repo rate + 4% for the purpose of bid evaluation.	
8.	<u>LD/PENALTY</u> : Subject to force majeure conditions, penalty shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value. Total order value above shall be item wise, lot wise order value.	
9.	<u>GST COMPLIANCE</u> : HSN of material item-wise mentioned in the offer. INPUT TAX credit applicable (Y/N): GST TYPE & ITS percentage applicable item wise mentioned in the offer (IGST/CGST + SGST/UGST)	
10.	<u>QUANTITY VARIATION</u> : BHEL reserves the right to increase /decrease/cancel the quantity during enquiry stage or during execution of the contract without assigning any reason.	
11.	<u>VALIDITY</u> : The offer must be valid for 120 days from the date of technical bid opening. Pl confirm.	
12.	<u>REVERSE AUCTION</u> : 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 envelope price bid along with applicable loading, if any, shall be considered for ranking	

13.	<u>Public Procurement (Preference to Make in India)</u>	
13.1	<p><u>PURCHASE PREFERENCE:</u> For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Nonlocal supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT and subsequent amendments & Clarifications. 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>	
13.2	<p>The 'Class -I local supplier' / 'Class -II local supplier' shall be required to provide a certificate as per Annexure D giving the percentage of local content and the address at which the local value addition shall be done.</p> <p>That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed Minimum Local Content criteria, based on the assessment of procuring agency(ies)/BHEL/Government Authorities for the purpose of assessing the local content, action shall be taken against me/my firm in line with the PPP-MII order and provisions of the Integrity pact/ Bidding Documents.</p>	
14	<p><u>OTHER IMP TERMS AND CONDITIONS: -</u> 14.1 Bidder to provide the docs. along with their offer: - Filled, Signed & stamped copy of BHEL Spec. BHEL/NPCIL/30599/FWM/WD&T/NU1 rev.06 confirming each & every point. Signed & stamped copy of PQR to PI-832757033, QAP & documents as per PQR, Drawings, Tech. annexure 1 and Other documents (if any). 14.2 L1 Supplier to submit QAP in-line with the sample QAP given along with the technical specification, at contract stage for BHEL & NPCIL approval. Any change/modification in QAP at later stage by customer, M/s. NPCIL, shall be taken care of at supplier's end without any commercial implication. 14.3 In case of order, vendor to prepare and submit QAP involving all the stages till dispatch. QAP to be submitted by vendor within 15 days of PO placement and resubmission, if any, to be done within 7 working days of comments. Delivery shall be counted in no. of days (as mentioned in bid) from date of last document approval , for LD purpose. 14.4 Package-wise evaluation shall be done ie., package to consist of item-1 & item-2. 14.5 Price bid to be opened for NPCIL approved bidders only. Credentials of bidders meeting PQR & technical requirements shall be subject to NPCIL/BHEL approval. 14.6 Audit (if any) at manufacturer's works, shall be done by BHEL and NPCIL as per BHEL technical specification at technical scrutiny stage. 14.7 Vendor to furnish TC/ GC along with the material supply.</p>	

In addition to above , General Terms & Conditions (GTC) are also attached. Bidder has to confirm their acceptance/nonacceptance specifically otherwise if nothing is written about it, it will be presumed that you have agreed with all conditions mentioned .

NOTE:

- DEVIATION IN ANY COMMERCIAL CONDITION ABOVE SHALL BE SUITABLY LOADED IN THE OFFERED PRICE AS PER BHEL NORMS.
- KINDLY REFER BHEL GENERAL TERMS & CONDITIONS BP 200102B THAT SHALL PREVAIL FOR THIS TENDER ENQUIRY.
- IN CASE OF ANY CONFLICT, CONFIRMATION BY VENDOR PROVIDED HERE IN ANNEXURE-B SHALL SUPERCEDE.

ANNEXURE- C

DECLARATION BY BIDDERS REGARDING CONFLICT OF INTEREST

Bidders having a conflict of interest shall not be eligible to participate in the tender process.

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:

i) 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;

ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;

iii) 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.

iv) 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.

The Bidder declares 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.

We confirm to above conditions of NIT against enquiry no/ GeM bid no-

Sign/seal of bidder

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For M/s.

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
MATERIAL MANAGEMENT – THERMAL DIVISION

ANNEXURE-D

For this Procurement, Government of India Public Procurement (Preference to Make in India), Order 2017 with its amendments and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

*As per the Provisions of this order, please submit **a self-certification complying with the conditions below on company letterhead duly signed by competent authority.***

Format:

I, hereby declare on behalf of M/s. that we are participating in the Enquiry No. E9353058 floated by BHEL, Bhopal (MP), India and shall comply with following:

1. Public Procurement (Preference to Make in India), Order 2017 *with its amendments* and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

2. As per the Provisions of this order, **“Class-I/II Local Suppliers/ Non Local Suppliers”** are eligible to bid for the tender.

- (a) A supplier will be treated as **“Class-I Local Suppliers”**, if the items quoted by bidder have local content equal to or more than 50%.
- (b) A supplier will be treated as **“Class-II Local Suppliers”**, if the items quoted by bidder have local content equal to or more than 20%.
- (c) A supplier will be treated as **“Non Local Suppliers”**, if the items quoted by bidder have local content equal less than 20%.
- (d) **‘Local Content’** means the amount of value added in India, which shall be total value of item quoted (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, **in percent.**

3. I hereby declare that our firm qualifies as **“Class-I/II Local Suppliers/Non Local Suppliers”**.

a. **The Local Content in the items quoted under this Enquiry is Percent**

b. Details of location(s) in India where this value addition shall be done, is/are as follows:

- (i)
- (ii)
- (iii)

4. That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed Minimum Local Content criteria, based on the assessment of procuring agency (ies)/BHEL/Government Authorities for the purpose of assessing

BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
MATERIAL MANAGEMENT – THERMAL DIVISION

the local content, action shall be taken against me/my firm in line with the PPP-MII order and provisions of the Integrity pact/ Bidding Documents.

(.....)

For M/s.

(Seal & Sign)

Company Letter head

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}

Authorized Signatory with Seal

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

Company Letter head

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 period.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

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 (P.O) 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. Rate should be quoted in the units asked for in the enquiry.</p>
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.</p> <p>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. 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</p>



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	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.
2.3	Through tender room or EProcurement
2.3.1	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.
2.3.2	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.
2.3.3	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.
2.3.4	Offers shall be submitted directly by bidder or his authorized agent only. Unsolicited offers shall be summarily rejected.
2.3.5	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.
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 Startups 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</p>



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	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.
2.3.8	The bidders will submit Integrity Pact, duly signed by its authorized signatory, where called for in the enquiry.
2.3.9	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)
2.3.10	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
2.3.11	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 tender should regularly visit website(s) to keep themselves updated.
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. BHEL's 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.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>9a 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.</p> <p>9b In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel age not more than 15 years.</p> <p>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.</p> <p>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.</p> <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.</p> <p>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 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>



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

6.3	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.
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	Notwithstanding anything contained in the contract, neither the Bidder nor the Purchaser shall be held responsible for total or partial non-execution of any of the contractual obligations, should the obligation become unreasonably onerous or impossible due to occurrence of a 'Force Majeure' which directly affects the obligations to be performed by the Purchaser or the Bidder; Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities; over which the Bidder or the Purchaser has no control. The party claiming to be affected by force majeure shall notify the other party in writing without delay, within two weeks on the intervention and on the cessation of such circumstance. Extension of time sought by the Bidder along with supporting evidence and so granted by the Purchaser for the supply/ work affected, if any, shall not be construed as waiver in respect of remaining deliveries. Rescheduling of deliveries on account of force majeure conditions, if so agreed by the Purchaser, will not entail the Bidder to claim any increase in the price on whatsoever account. Notwithstanding above provisions, Purchaser shall reserve the right to cancel the order/ Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements. If deemed necessary, Purchaser may takeover partly processed material at a mutually agreed price.
9	Penalty for Late Delivery
9.1.1	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 . Total undelivered order value above shall be item wise, lot wise order value of PO . 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. Imposition, recovery or settlement of this penalty shall not adversely affect BHEL's right to performance, compensation and termination of the order.
9.1.2	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. In case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision is 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)
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.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

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	Indigenous Purchase		
	<p>Bidder shall arrange to send to the consignee following documents immediately on despatch of the goods. Documents can also be uploaded at Incoming Material Document Management System (IMDMS) available at BHEL Bhopal B-2-B site of BHEL Bhopal internet page at https://bpl.bhel.com/mm/. Online submission of Invoices /e-invoices for payment can also be done in IMDMS system.</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) 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 <p>The distribution of such documents will be specified in the Purchase order Terms and Conditions (BP 205315 for indigenous and BP205316 for Imported Purchases))</p>		
11.2	Foreign Purchase — Imports		
	<p>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</p> <ol style="list-style-type: none"> 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: <table border="1"> <tr> <td> 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) </td> <td> DGM (FIN- FP) 4th Floor, Administrative Bldg. BHEL Bhopal - 462022 (India) E-mail : fin_fp.bpl@bhel.in </td> </tr> </table> <p>And confirm forwarding details to AGM (CMM- FE), BHEL Bhopal at mmfe.bpl@bhel.in</p> <ol style="list-style-type: none"> 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. <p>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.</p> <p>Additionally, following requirements to be taken care of by the bidder during PO execution stage:</p> <ol style="list-style-type: none"> i) IEC (0588138690), GSTIN (23AAACB41461ZN) and email ID (mmfe.bpl@bhel.in) of BHEL Bhopal shall be clearly 	AGM (M.S) Regional Operations Division BHEL 14 th 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) 4 th Floor, Administrative Bldg. BHEL Bhopal - 462022 (India) E-mail : fin_fp.bpl@bhel.in
AGM (M.S) Regional Operations Division BHEL 14 th 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) 4 th Floor, Administrative Bldg. BHEL Bhopal - 462022 (India) E-mail : fin_fp.bpl@bhel.in		



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>mentioned on B/L or AWB.</p> <p>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.</p> <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 Airshipments.</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.
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
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	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.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<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	<p>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.</p>
16.2	<p>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 90th 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 of State bank of India Base rate plus 6%, 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.</p> <p>Documents to be submitted as per UCP600 and should reach BHEL/ BHEL's bank at least 7 days prior to vessel arrival.</p>
16.3	Staggered Payment terms in case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision is desired with supply of items /goods will be separately mentioned in particular tender remarks /Special terms & condition /Additional terms and condition
16.4	<p>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.</p> <p>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.</p>
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 (tax residency certificate) 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.
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	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.
17.4	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.
17.5	<p>REJECTION:</p> <p>If any goods are rejected, BHEL shall be at liberty to take action as per following:</p>



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<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	Guarantee / Warranty and corresponding Repairs / Replacement of Goods
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. 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.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	IMPORTS 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. COMMON LOADING FOR IMPORTS & INDIGENOUS that will be added for arriving the "Total Cost to BHEL" A. Loading on Deviated Penalty clause (LD) as per clause 9.1.14 of GTC B. Loading for payment terms as per clause 16.1 of GTC
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
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	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.
23	Safety clause for purchase orders
23.1	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. 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. 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.
24	Non-Disclosure Agreement
24.1	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>
	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.
25	Settlement of Disputes & Arbitration
25.1	All questions/interpretations regarding subject matter of the Contract shall be decided by the Purchaser on the request of the Bidder and the decision of the Purchaser shall be final.
25.2	In case of dispute, steps shall be taken by the parties to the contract to settle the same through negotiations.
25.3	In case, dispute is not settled in negotiations, it shall be referred to Conciliator appointed by the competent authority of the Purchaser.
25.4	Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, 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, then, either Party may, by a notice in writing to the other party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL Unit/Region/Division issuing the Contract. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or Statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Bhopal.



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>The cost of arbitration shall be borne as per award of the Arbitrator.</p> <p>Subject to the arbitration in terms of Clause above, the Courts at Bhopal shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract.</p> <p>Notwithstanding the existence or any dispute or differences and /or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract. Administrative Mechanism for Resolution of CPSEs Dispute as stated in https://dpe.gov.in/guidelines/guidelines/chapters/2673.</p> <p>In the event of any dispute or difference relating to the interpretation and application of the provisions of the commercial Contract 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 and Excise Departments), such dispute or difference shall be taken up by either party for resolution through Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) as mentioned in Department of Public Enterprises (DPE) Office Memorandum No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018 as amended from time to time."</p>
25.5	The Bidder shall continue to perform the contract, pending settlement of dispute(s).
26	Applicable Laws and Jurisdiction of Courts
26.1	Indian laws both substantive and procedural, for the time being in force, including modifications thereto, shall govern the Contract including Arbitration proceedings. The competent Courts at Bhopal in the State of Madhya Pradesh, India shall have sole jurisdiction.
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.</p> <p>Modes of deposit:</p> <p>a) Performance security may be furnished in the following forms:</p> <p>(i) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.</p> <p>(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.</p> <p>(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).</p> <p>(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).</p> <p>(v) Insurance Surety Bond.</p> <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.</p> <p>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:</p> <p>The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.</p> <p>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.</p> <p>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 labor 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



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

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
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 (SBI rate + 6%) 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	<p>Benefits earmarked for Purchase from Micro & Small Enterprises (MSEs) –</p> <p>All benefits as per Government of India guidelines shall be given to eligible bidders.</p> <p>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.</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>Note: MSME benefits shall not be given to traders, Dealers or authorised agents.</p> <p>It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-1) shall prevail.</p> <p>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.</p>
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	<p>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 a 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.</p> <p>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).</p> <p>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).</p> <p>In case of indivisible tender, the full quantity shall be awarded to L1.</p>
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	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



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>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	<p>Integrity Pact (IP) — Independent external monitors (IEM)</p> <p>For tenders in which integrity pact is applicable, following points stand valid :</p>																								
20.1	<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><p>Name: -----</p><p>Address: -----</p><p>E-mail : -----</p></div><div>}</div><div>As indicated in NIT / enquiry</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><tr><td>Dept.</td><td></td><td></td></tr><tr><td>Address</td><td></td><td></td></tr><tr><td>Fax</td><td></td><td></td></tr></table>		(1)	(2)	Name			Landline No.			Mobile No.			Email			Dept.			Address			Fax		
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31	<p>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.</p>																								
32	<p>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.</p> <p>Integrity commitment, performance of the contract and punitive action thereof :</p>																								
32.1	<p>Commitment by BHEL:</p> <p>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.</p>																								
32.2	<p>Commitment by bidder / Supplier / Contractor :</p>																								



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

32.2.1	<ul style="list-style-type: none"> - The bidder / supplier / contractor commit 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	<p>Preventive checks to eliminate suspected cartel formation between suppliers</p> <p>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.</p> <p>In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines</p> <p>Declaration by Bidders</p> <p>We declare that the following family firms or sister concern affiliates/ subsidiary firms are participating in the tender No _____</p> <p>1.0 _____</p> <p>2.0 _____</p> <p>3.0 _____</p> <p>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 _____.</p> <p style="text-align: right;">(_____) For M/s _____ Seal and Sign</p>
33	<p>Public Procurement (Preference to Make in India), Order 2017</p> <p>For this procurement, Public Procurement (Preference to Make in India), Order 2017 Dtd 15.06.2017 and 28.05.2018 and subsequent orders issued by both DPIIT and the respective nodal ministries shall be applicable</p> <p>For this procurement, the local content to categorise a supplier as a Class I local supplier/ Class II local Supplier / Non-Local supplier is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 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> <p>Bidder to mention the percentage of local content and place of value addition to manufacture these items in the tender.</p>
34	RESTRICTION UNDER RULE 144 (xi) OF THE GENERAL FINANCIAL RULES 2017: As per latest government guidelines
34.1	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.
34.2	"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.
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 An entity whose beneficial owner is situated in such a country; or



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>e. An Indian (or other) agent of such an entity; or</p> <p>f. A natural person who is a citizen of such a country; or</p> <p>g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.</p>
34.4	<p>The beneficial owner for the purpose of (iii) above will be as under:</p> <p>1. 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.</p> <p>Explanation –</p> <p>a. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.</p> <p>b. “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.</p> <p>2. 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;</p> <p>3. 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;</p> <p>4. 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;</p> <p>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.</p>
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	<p>Model certificate for Tenders</p> <p><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 fulfills all requirements in this regards and is eligible to be considered. [Where applicable , evidence of valid registration by the Competent Authority shall be attached].”</i></p>
35	<p>Conflict of Interest:</p> <p>"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</p> <p>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</p> <p>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</p> <p>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/ subassembly/ Assemblies from. one bidding manufacturer in more than one bid; or</p> <p>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 authorize only one agent/dealer.</p> <p>There can be only one bid from the following:</p> <p>1. The principal manufacturer directly or through one Indian agent on his behalf; and</p> <p>2. Indian/foreign agent on behalf of only one principal; or</p>



BP 200102B

HEAVY ELECTRICALS PLANT, BHOPAL

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	<p>g) 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</p> <p>h) 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.</p> <p>Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business. "</p>
36	<p>Breach of contract, Remedies and Termination</p> <p>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. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.</p>
37	<p>Option clause:</p> <p>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>

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.

Guidelines regarding dealings with Indian Agents of Foreign Suppliers

1. All NITs shall have the following terms regarding Indian agents of foreign principals:
 - i. If the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines. The guidelines of BHEL in this regard have been drafted as per CVC circular no. 007/VGL/033 dated 04.12.2007. - which require mandatory submission of an Agency Agreement.
 - ii. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
 - iii. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
 - iv. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
 - v. Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.
 - vi. In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
 - vii. The “Guidelines for Indian Agents of Foreign Suppliers” enclosed at annexure – ‘A1’ shall apply in all such cases.
 - viii. The supply and execution of the Purchase Order (including indigenous supplies/ service) shall be in the scope of the OEM/ foreign principal. The OEM/ foreign principal should submit their offer inclusive of all indigenous supplies/ services and evaluation will be based on ‘total cost to BHEL’. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/ services on Indian supplier(s)/ agent on their behalf, the credentials/ capacity/ capability of the Indian supplier(s)/ agent to make the supplies/ services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval & Review Procedure (SEARP), before opening of price bids. In this regard, details may be checked as per Annexure-B1 (copy enclosed).

It will be the responsibility of the OEM/ foreign principal to get acquainted with the evaluation requirements of Indian supplier/ agent as per SEARP available on www.bhel.com.

The responsibility for successful execution of the contract (including indigenous supplies/ services) lies with the OEM/ foreign principal. All bank guarantees to this effect shall be in the scope of the OEM/ foreign principal.

- ix. OEMs should make sure that while appointing the Indian agents that they are not representing other OEMs in the same tender. They should also ensure that banned agents / employees of banned agents are not engaged by them in any capacity. An undertaking should be furnished by OEM in this regard for each tender. If at any stage of the tender it is found that the OEM has appointed the agent who a. is banned by BHEL or ; b. is an employee of a banned agent or; is found to be representing more than one OEM in the same tender. The OEMs shall be disqualified.
- x. In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
- xi. If an agent submits bid on behalf of Principal/OEM, the same agent shall not submit bid on behalf of other Principal/OEM in the same tender for the same item/product in the same tender

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Guidelines for Indian Agents of Foreign Suppliers

- 1.0 There shall be compulsory registration of agents for all Global (Open) Tender and Limited Tender. An agent who is not registered with BHEL shall apply for registration in the registration form in line with SEARP.
- 1.1 Registered agents will file an authenticated Photostat copy duly attested by a Notary Public/Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission/ remuneration/ salary/ retainership being paid by the principal to the agent before the placement of order by BHEL.
- 1.2 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the party (i.e. Principal) before finalizing the order.

2.0 Disclosure of particulars of agents/ representatives in India, if any.

2.1 Tenderers of Foreign nationality shall furnish the following details in their offers:

- 2.1.1 The Bidder(s)/ Contractor(s) of foreign origin shall disclose the name and address of the agents/ representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent/ representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.
- 2.1.2 The amount of commission/ remuneration included in the quoted price(s) for such agents/ representatives in India.
- 2.1.3 Confirmation of the Tenderer that the commission/ remuneration, if any, payable to his agents/ representatives in India, may be paid by BHEL in Indian Rupees only.

2.2 Tenderers of Indian Nationality shall furnish the following details in their offers:

- 2.2.1 The Bidder(s)/ Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any, indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents/ representatives.
- 2.2.2 The amount of commission/ remuneration included in the price (s) quoted by

the Tenderer for himself.

2.2.3 Confirmation of the foreign principals of the Tenderer that the commission/ remuneration, if any, reserved for the Tenderer in the quoted price(s), may be paid by BHEL in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.

2.3 In either case, in the event of contract materializing, the terms of payment will provide for payment of the commission/ remuneration, if any payable to the agents/ representatives in India in Indian Rupees on expiry of 90 days after the discharge of the obligations under the contract.

2.4 Failure to furnish correct and detailed information as called for in paragraph 2.0 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BHEL. Besides this there would be a penalty of banning business dealings with BHEL or damage or payment of a named sum.

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This format is applicable only to Indian Suppliers/ Agents supplying indigenous portion of Foreign Purchases.

* In all other cases, extant guidelines of SEARP, 2013 are to be followed.

SEARP (SRF) Clause No	Detail
	Name & address of the firm
1.0	Products/ Systems / Services being considered for
2.0	General Information
2.2	Name of Chief Executive
2.3	Details of authorized signatory
3.0	Ownership Information
3.1	Type of firm
3.2	Nature of Business <ul style="list-style-type: none"> • <i>Attach authorization letter and agency agreement from Principal (from whom capital equipment is procured)</i> • <i>Attach copy of declaration from Foreign Principal for total guarantee/ warranty of indigenous supplies</i>
3.3	Year of establishment
3.4	Year of commencement of business
4.0	Registration particulars
4.1	Permanent Account No.
4.2 / 4.3	Sales Tax / TIN no
4.6	Service tax no. (in case of E&C)
5.0	Organisational strength
6.0	Other particulars
6.1	If the company is already registered with other units
6.2	Directors/ Partners, if related to any BHEL Employee
6.9	If any Ex BHEL Personnel employed by the Company
6.12	Details of pending legal issues with BHEL
6.13	Bank Account information
9.0	Financial information
9.6	Sales/ Turnover details of last 3 years (or from the date of incorporation whichever is less)

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INTEGRITY PACT**Between**

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

and

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

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for INCONEL STRIP AND MATCHING FLUX _____ (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


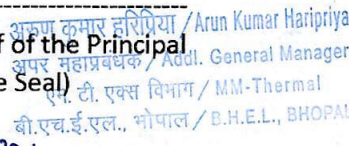
- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, 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.


For & On behalf of the Principal
(Office Seal) 
Place BHOPAL
Date 29.01.26
Witness: Subathra
(Name & Address) SUBATHRA SHARMA
BHEL, BHOPAL

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

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: SUBATHRA SHARMA
 Deptt: MTX
 Address: BHEL BHOPAL
 Phone: (Landline/ Mobile)
0755-2502569
 Email: Subathrasharma@bhel.in
 Fax: _____

(2)
 Name: A.K. HARIPRIYA
 Deptt: MTX
 Address: BHEL BHOPAL
 Phone: (Landline/ Mobile)
0755-2502569
 Email: aharipriya@bhel.in
 Fax: _____

BHARAT HEAVY ELECTRICAL LIMITED, BHOPAL

Enquiry E9353058 for supply of Inconel Strip and Matching Flux

LIST OF ENCLOSURES

S.No	Description	Document Ref.	No. of Pages
1.0	NIT and Enquiry Sheet	E9353058	6
2.0	Techno-Commercial Bid Format	Techno-Commercial Bid Format & Bid related Annexures	28
3.0	PQR	Technical PQR	2
4.0	General Terms & Conditions	BP 200102B	16
5.0	Annexure-B (Indigenous Vendor)	Annexure `B`	3
6.0	Annexure-B (Foreign Vendor)	Annexure `B`	3
7.0	Annexure – D (Declaration of Local Content)	Annexure – `D`	2
8.0	Public Procurement & Business Circular (PEBC) Annexures (For Foreign Vendor)	Annexure – I Or Annexure-II	1+1= 2
9.0	Integrity Pact	Integrity Pact	6
10.0	Guidelines regarding dealings with Indian Agents of Foreign Suppliers	General content + Annexure A1+ Annexure B1	5
11.0	Procedure and Model Conciliation Clause	Model Conciliation Clause	13

Pre-Qualification Criteria

PI No.: 832757033

S. No.	Description	Bidder Remarks
1	Bidder shall be a manufacturer of the Quoted submerged Arc Welding strip & flux, or an authorized agent of the same. If the offer is quoted by agent, letter of authorization and agreement duly signed by the manufacturer is required to consider the offer.	(Supporting Document)
2(A)	Manufacturer of the Quoted strip & flux should have experience of supplying EQNiCr3 strip(As per ASME Sec II C) & its flux to any Govt. Organizations/ PSU's/ Public Ltd Company/Reputed Industries. The supply could be either directly by Manufacturer or through their dealer/distributor/agent/channel partner. Out of following sets (Set A and Set B) of documents, any one set to be provided (with price jacketed) to establish above mentioned proof of supply: Set A: PO Copy and Invoice Copy OR Set B: PO Copy or Invoice Copy along with any one of the following documents: i.Airway bill or ii.Bill of lading or iii.LR document or iv.Delivery challan or v.Way/E-way Bill or vi.Customer certificate for receipt of material or vii.Goods Receipt Note Note: If the document listed above under does not contain relevant details , co-relation then vendor has to provide relevant documents which will establish the relevance & co-relation of these documents to the satisfaction of BHEL. BHEL reserves the right to verify information provided by vendor. In case the Information provided by vendor is found to be false/incorrect, the offer shall be rejected.	(Supporting Document)
2(B)	Test Certificate (preferably signed by customer) pertaining to proof of supply documents as mentioned in S.No 2(A) above to be submmited alongwith offer .	(Supporting Document)
3	Quoted welding Consumables brand name and its data sheet shall be provided along with offer.	(Supporting Document)
4	Mill (Manufacturing plant) address shall be provided along with offer. 12	(Supporting Document)

5	Mill (Manufacturing plant) capacity shall be provided along with offer.	(Supporting Document)
6	<p>Manufacturer shall submit following 2 documents:</p> <p>1) Valid ISO 9001 certificate</p> <p>2) QSC certificate issued by ASME</p> <p>OR</p> <p>QMS(Quality management Systme) manual & its supporting documents which should cover manufacturing of welding consumables & lot classification as mentioned in S. No. 7.3 and 2.1 respectively of Techincal Purchase Specification No.: BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06.</p>	(Supporting Document)
7	Suppliers shall submit manufacturing process flow chart (Raw material to finished product) along with offer.	(Supporting Document)
8	Three copies of manufactures Test Certificate and Guarantee certificate to be provided along with the supplies.	Bidder to confirm
9	Before start of manufacturing the supplier shall prepare a QAP of manufacturing activities and submit to BHEL for approval. The manufacturing of consumable shall start only after approval of that QAP.	Bidder to confirm
10	BHEL/ End customer reserve the right to inspect at the supplier's works for compliance of QMS, before the start of production activities. BHEL has a right to access supplier's facility and records for this inspection.	Bidder to confirm

ferno

PROCEDURE FOR INCORPORATION OF MODEL CONCILIATION CLAUSE
FOR CONDUCTING CONCILIATION PROCEEDINGS UNDER BHEL
CONCILIATION SCHEME, 2018

1. The following Model Conciliation Clause along with its Annexure & Appendices thereto is to be incorporated in the General Conditions of Contract of the Unit/Division/Region/Business Group for vendors/supplier/sub-contractors or as the case may be in the Contracts/MOUs with Customers Collaborators, Consortium Partners etc., by all the Units/Divisions/Regions/Business Group.
2. For existing Contracts where specific clause for Conciliation is not provided, this Scheme may also be made applicable with the approval of the concerned Head of Unit/Division/Region/Business Group, subject to the agreement of the other party in terms of Para A4 or A5 of the BHEL Conciliation Scheme, 2018 as the case may be.
3. Accordingly, for existing Contracts/MoUs, the Model Conciliation Clause along with its Annexure & Appendices thereto shall be made available to the vendors/supplier/sub-contractors or as the case may be in the Contracts/MOUs with Customers Collaborators, Consortium Partners etc., for their consent. Upon consent being received, the Contract/MoU shall be amended as per Paras A4 or A5 of the BHEL Conciliation Scheme, 2018 accordingly and steps be taken for initiation of Conciliation for settlement of disputes in terms of the BHEL Conciliation Scheme, 2018.

**MODEL CONCILIATION CLAUSE FOR CONDUCTING CONCILIATION
PROCEEDINGS UNDER THE BHEL CONCILIATION SCHEME, 2018**

The Parties agree that if at any time (whether before, during or after the arbitral or judicial proceedings), any Disputes (which term shall mean and include any dispute, difference, question or disagreement arising in connection with construction, meaning, operation, effect, interpretation or breach of the agreement, contract or the Memorandum of Understanding (delete whichever is inapplicable), which the Parties are unable to settle mutually), arise inter-se the Parties, the same may, be referred by either party to Conciliation to be conducted through Independent Experts Committee to be appointed by competent authority of BHEL from the BHEL Panel of Conciliators.

Notes:

1. No serving or a retired employee of BHEL/Administrative Ministry of BHEL shall be included in the BHEL Panel of Conciliators.
2. Any other person(s) can be appointed as Conciliator(s) who is/are mutually agreeable to both the parties from outside the BHEL Panel of Conciliators.

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 Annexure----- to this GCC.

The Annexure ----- together with it's appendices will be treated as if the same is part and parcel hereof and shall be as effectual as if set out herein in these GCC.

**ANNEXURE TO MODEL CONCILIATION CLAUSE FOR CONDUCT OF
CONCILIATION UNDER THE BHEL CONCILIATION SCHEME, 2018**

BRIEF PROCEDURE FOR CONDUCT OF CONCILIATION PROCEEDINGS

1. 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 herein:
2. The party desirous of resorting to Conciliation shall send an invitation/notice in writing to the other party to conciliate specifying all points of Disputes with details of the amount claimed. The party concerned shall not raise any new issue thereafter. Parties shall also not claim any interest on claims/counter-claims from the date of notice invoking Conciliation till the conclusion of the Conciliation proceedings.
3. The party receiving the invitation/notice for Conciliation shall within 30 days of receipt of the notice of Conciliation intimate its consent for Conciliation along with its counter-claims, if any.
4. The Conciliation in a matter involving claim or counter-claim (whichever is higher) up to Rs 5 crores shall be carried out by sole Conciliator nominated by BHEL while in a matter involving claim or counter-claim (whichever is higher) of more than Rs 5 crores Conciliation shall be carried out by 3 Conciliators nominated by BHEL.
5. The Parties shall be represented by only their duly authorized in-house executives/officers and neither Party shall be represented by a Lawyer.
6. The first meeting of the IEC shall be convened by the IEC by sending appropriate communication/notice to both the parties as soon as possible but not later than 30 days from the date of his/their appointment. The hearings in the Conciliation proceeding shall ordinarily be concluded within two (2) months and, in exceptional cases where parties have expressed willingness to settle the matter or there exists possibility of settlement in the matter, the proceedings may be extended by the IEC by a maximum of further 2 months with the consent of the Parties subject to cogent reasons being recorded in writing.
7. The IEC shall thereafter formulate recommendations for settlement of the Disputes supported by reasons at the earliest but in any case within

15 days from the date of conclusion of the last hearing. The recommendations so formulated along with the reasons shall be furnished by the IEC to both the Parties at the earliest but in any case within 1 month from the date of conclusion of the last hearing.

8. Response/modifications/suggestions of the Parties on the recommendations of the IEC are to be submitted to the IEC within time limit stipulated by the IEC but not more than 15 days from the date of receipt of the recommendations from the IEC.
9. In the event, upon consideration, further review of the recommendations is considered necessary, whether by BHEL or by the other Party, then, the matter can be remitted back to the IEC with request to reconsider the same in light of the issues projected by either/both the Parties and to submit its recommendations thereon within the following 15 days from the date of remitting of the case by either of the Parties.
10. Upon the recommendations by the Parties, with or without modifications, as considered necessary, the IEC shall be called upon to draw up the Draft Settlement Agreement in terms of the recommendations.
11. When a consensus can be arrived at between the parties only in regard to any one or some of the issues referred for Conciliation the draft Settlement Agreement shall be accordingly formulated in regard to the said Issue(s), and the said Settlement Agreement, if signed, by the parties, shall be valid only for the said issues. As regards the balance issues not settled, the parties may seek to resolve them further as per terms and conditions provided in the contract.
12. In case no settlement can be reached between the parties, the IEC shall by a written declaration, pronounce that the Conciliation between the parties has failed and is accordingly terminated.
13. Unless the Conciliation proceedings are terminated in terms of para 22 (b), (c) & (d) herein below, the IEC shall forward his/its recommendations as to possible terms of settlement within one (1) month from the date of last hearing. The date of first hearing of Conciliation shall be the starting date for calculating the period of 2 months.

14. In case of 3 members IEC, 2 members of IEC present will constitute a valid quorum for IEC and meeting can take place to proceed in the matter after seeking consent from the member who is not available. If necessary, videoconferencing may be arranged for facilitating participation of the members. However, the IEC recommendations will be signed by all members. Where there is more than one (1) Conciliator, as a general rule they shall act jointly. In the event of differences between the Members of IEC, the decision/recommendations of the majority of the Members of IEC shall prevail and be construed as the recommendation of the IEC.
15. The Draft Settlement Agreement prepared by the IEC in terms of the consensus arrived at during the Conciliation proceedings between the Parties shall be given by the IEC to both the parties for putting up for approval of their respective Competent Authority.
16. Before submitting the draft settlement agreement to BHEL's Competent Authority viz. the Board Level Committee on Alternative Dispute Resolution (BLCADR) for approval, concurrence of the other party's Competent Authority to the draft settlement agreement shall be obtained by the other party and informed to BHEL within 15 days of receipt of the final draft settlement agreement by it. Upon approval by the Competent Authority, the Settlement Agreement would thereafter be signed by the authorized representatives of both the Parties and authenticated by the members of the IEC.
17. In case the Draft Settlement Agreement is rejected by the Competent Authority of BHEL or the other Party, the Conciliation proceedings would stand terminated.
18. A Settlement Agreement shall contain a statement to the effect that each of the person(s) signing thereto (i) is fully authorized by the respective Party(ies) he/she represents, (ii) has fully understood the contents of the same and (iii) is signing on the same out of complete freewill and consent, without any pressure, undue influence.
19. The Settlement Agreement shall thereafter have the same legal status and effect as an arbitration award on agreed terms on the substance of the dispute rendered by an arbitral tribunal passed under section 30 of the Arbitration and Conciliation Act, 1996.
20. Acceptance of the Draft Settlement Agreement/recommendations of the Conciliator and/or signing of the Settlement Agreement by BHEL shall

however, be subject to withdrawal/closure of any arbitral and/or judicial proceedings initiated by the concerned Party in regard to such settled issues.

21. Unless otherwise provided for in the agreement, contract or the Memorandum of Understanding, as the case may be, in the event of likelihood of prolonged absence of the Conciliator or any member of IEC, for any reason/incapacity, the Competent Authority/Head of Unit/Division/Region/Business Group of BHEL may substitute the Conciliator or such member at any stage of the proceedings. Upon appointment of the substitute Conciliator(s), such reconstituted IEC may, with the consent of the Parties, proceed with further Conciliation into the matter either de-novo or from the stage already reached by the previous IEC before the substitution.

22. The proceedings of Conciliation under this Scheme may be terminated as follows:

- a. On the date of signing of the Settlement agreement by the Parties; or,
- b. By a written declaration of the IEC, after consultation with the parties, to the effect that further efforts at conciliation are no longer justified, on the date of the declaration; or,
- c. By a written declaration of the Parties addressed to the IEC to the effect that the Conciliation proceedings are terminated, on the date of the declaration; or,
- d. By a written declaration of a Party to the other Party and the IEC, if appointed, to the effect that the Conciliation proceedings are terminated, on the date of the declaration.
- e. On rejection of the Draft Settlement Agreement by the Competent Authority of BHEL or the other Party.

23. The Conciliator(s) shall be entitled to following fees and facilities:

Sl No	Particulars	Amount
1	Sitting fees	Each Member shall be paid a Lump Sum fee of Rs 75,000/- for the whole case payable in terms of paragraph No. 27 herein below.
2	Towards drafting of settlement agreement	In cases involving claim and/or counter-claim of up to Rs 5crores. Rs 50,000/- (Sole Conciliator)

Sl No	Particulars	Amount
		<p>In cases involving claim and/or counter-claim of exceeding Rs 5 crores but less than Rs 10 crores. Rs 75,000 (per Conciliator)</p> <p>In cases involving claim and/or counter-claim of more than Rs 10 crores. Rs 1,00,000/- (per Conciliator)</p> <p>Note: The aforesaid fees for the drafting of the Settlement Agreement shall be paid on Signing of the Settlement Agreement after approval of the Competent Authority or Rejection of the proposed Settlement Agreement by the Competent Authority of BHEL.</p>
3	Secretarial expenses	<p>Rs 10,000/- (one time) for the whole case for Conciliation by a Sole Member IEC.</p> <p>Where Conciliation is by multi member Conciliators –Rs 30,000/- (one time)- to be paid to the IEC</p>
4	<p>Travel and transportation and stay at outstation</p> <p>i) Retired Senior Officials of other Public Sector Undertakings (pay scale wise equivalent to or more than E-8 level of BHEL)</p>	As per entitlement of the equivalent officer (pay scale wise) in BHEL.
	Others	As per the extant entitlement of whole time Functional Directors in BHEL.

Sl No	Particulars	Amount
		Ordinarily, the IEC Member(s) would be entitled to travel by air Economy Class.
5	Venue for meeting	Unless otherwise agreed in the agreement, contract or the Memorandum of Understanding, as the case may be, the venue/seat of proceedings shall be the location of the concerned Unit / Division / Region / Business Group of BHEL. Without prejudice to the seat/venue of the Conciliation being at the location of concerned BHEL Unit / Division / Region / Business Group, the IEC after consulting the Parties may decide to hold the proceedings at any other place/venue to facilitate the proceedings. Unless, Parties agree to conduct Conciliation at BHEL premises, the venue is to be arranged by either Party alternately.

24. The parties will bear their own costs including cost of presenting their cases/evidence/witness(es)/expert(s) on their behalf. The parties agree to rely upon documentary evidence in support of their claims and not to bring any oral evidence in IEC proceedings.
25. If any witness(es) or expert(s) is/are, with the consent of the parties, called upon to appear at the instance of the IEC in connection with the matter, then, the costs towards such witness(es)/expert(s) shall be determined by the IEC with the consent of the Parties and the cost so determined shall be borne equally by the Parties.
26. The other expenditures/costs in connection with the Conciliation proceedings as well as the IEC's fees and expenses shall be shared by the Parties equally.
27. Out of the lump sum fees of Rs 75,000/- for Sitting Fees, 50% shall be payable after the first meeting of the IEC and the remaining 50% of the Sitting Fees shall be payable only after termination of the conciliation proceedings in terms of para 22 hereinabove.

28. The travelling, transportation and stay at outstation shall be arranged by concerned Unit as per entitlements as per Serial No. 3 of the Table at para 23 above, and in case such arrangements are not made by the BHEL Unit, the same shall be reimbursed to the IEC on actuals limited to their entitlement as per Serial No. 4 of the Table at Para 23 above against supporting documents. The IEC Member(s) shall submit necessary invoice for claiming the fees/reimbursements.
29. The Parties shall keep confidential all matters relating to the conciliation proceedings. Confidentiality shall extend also to the settlement agreement, except where its disclosure is necessary for purposes of its implementation and enforcement or as required by or under a law or as per directions of a Court/Governmental authority/regulatory body, as the case may be.
30. The Parties shall not rely upon or introduce as evidence in any further arbitral or judicial proceedings, whether or not such proceedings relate to the Disputes that is the subject of the Conciliation proceedings:
- a. Views expressed or suggestions made by the other party in respect of a possible settlement of the Disputes;
 - b. admissions made by the other party in the course of the Conciliator proceedings;
 - c. proposals made by the Conciliator;
 - d. The fact that the other Party had indicated his willingness to accept a proposal for settlement made by the Conciliator.
31. The Parties shall not present the Conciliator(s) as witness in any Alternative Dispute Resolution or Judicial proceedings in respect of a Disputes that is/was the subject of that particular Conciliation proceeding.
32. None of the Conciliators shall act as an arbitrator or as a representative or counsel of a Party in any arbitral or judicial proceeding in respect of a Disputes that is/was the subject of that particular Conciliation proceeding.
33. The Parties shall not initiate, during the Conciliation proceedings, any arbitral or judicial proceedings in respect of a Disputes that is the subject matter of the Conciliation proceedings except that a Party may initiate arbitral or judicial proceedings where, in his opinion, such proceedings are necessary for preserving his rights including for preventing expiry of period of limitation. Unless terminated as per the provisions of this Scheme, the Conciliation proceedings shall continue

notwithstanding the commencement of the arbitral or judicial proceedings and the arbitral or judicial proceedings shall be primarily for the purpose of preserving rights including preventing expiry of period of limitation.

34. The official language of Conciliation proceedings under this Scheme shall be English unless the Parties agree to some other language.

Format 2 to BHEL Conciliation Scheme, 2018

**FORMAT FOR SEEKING CONSENT FOR REFERRING THE DISPUTES TO
CONCILIATION THROUGH IEC**

To,

M/s. (Stakeholder's name)

Sub: Resolution of the Disputes through conciliation by Independent Expert Committee (IEC).

Ref: Contract No/MoU/Agreement/LOI/LOA& date _____.

Sir,

With reference to above referred Contract/MoU/Agreement/LOI/LOA, you have raised certain Disputes/claims. Vide your letter dated_____ you have requested BHEL to refer the Disputes/claims to IEC for Conciliation.

We are enclosing herewith Format (3) for giving consent and the terms and conditions of BHEL Conciliation Scheme, 2018 governing conciliation through IEC. You are requested to give your unconditional consent to the said terms and conditions of the Scheme by returning the same duly sealed and signed on each page. On receipt of your consent, matter will be put to the Competent Authority for consideration and decision.

Please note that BHEL has also certain claims against you (if applicable). BHEL reserves its right to agree or not to agree conciliation of the said disputes through BHEL and this letter is being issued without prejudice to BHEL's rights and contentions available under the contract and law.

Yours faithfully,

Representative of BHEL

Format 3 to BHEL Conciliation Scheme, 2018
FORMAT FOR GIVING CONSENT BY
CONTRACTOR/VENDOR/CUSTOMER/COLLABORATOR/CONSORTIUM PARTNERS FOR REFERRING THE DISPUTES TO CONCILIATION THROUGH IEC

To,

BHEL

.....

Sub: Resolution of Disputes through Conciliation by Independent Expert Committee (IEC).

Ref: Contract/MoU/Agreement/LOI/LOA No & date ____

With reference to above referred contract, our following bills/invoices/claims submitted to BHEL are still unpaid giving rise to Disputes:

SL. no.	Claim Description	Bill submitted to BHEL (no. and date)	Amount of the bill/claim	Amount received from BHEL	Outstanding Amount

Accordingly we request you to kindly refer the Disputes in respect of above claims to IEC for Conciliation.

We hereby agree and give our unconditional consent to the terms and conditions of BHEL Conciliation Scheme, 2018 governing conciliation through IEC. We have signed the same on each page and enclosed it for your consideration.

Yours faithfully,

(Signature with stamp)

Authorized Representative of Contractor

Name, with designation

Date

Format 5 to BHEL Conciliation Scheme, 2018
STATEMENT OF CLAIMS/COUNTER CLAIMS TO BE SUBMITTED TO
THE IEC BY BOTH THE PARTIES

1. Chronology of the Disputes
2. Brief of the Contract/MoU/Agreement/LOI/LOA
3. Brief history of the Disputes:
4. Issues:
5. Details of Claim(s)/Counter Claim(s):

Sl. No.	Description of claim(s)/Counter Claim	Amount (in INR)Or currency applicable in the contract	Relevant contract clause

6. Basis/Ground of claim(s)/counter claim(s) (along with relevant clause of contract)


Note– *The Statement of Claims/Counter Claims may ideally be restricted to maximum limit of 20 pages. Relevant documents may be compiled and submitted along with the statement of Claims/Counter Claims. The statement of Claims/Counter Claims is to be submitted to all IEC members and to the other party by post as well as by email.*

Tech. Annexure-I

1. VENDOR TO CONFIRM TECHNICAL PURCHASE SPECIFICATION (TPS) NO.: BHEL/NPCIL/30599/FWM/WD&T/NU1 REV06 ALONG WITH OFFER.
2. AUDIT (IF ANY) AT MANUFACTURER'S WORKS TO BE DONE BY BHEL & NPCIL AS PER BHEL TECHNICAL PURCHASE SPECIFICATION (BHEL/NPCIL/30599/FWM/WD&T/NU1 REV06) AT TECHNICAL SCRUTINY STAGE.
3. BHEL HAS MENTIONED THE UT & DPT PROCEDURE IN THE TECHNICAL PURCHASE SPECIFICATION (OF INCONEL & FLUX) FOR NDE OF INCONEL CLADDING, HOWEVER, THESE NDE PROCEDURES ARE FOR REFERENCE ONLY AND WILL BE SHARED WITH VENDOR. VENDOR IS REQUIRED TO PREPARE & SUBMIT UT & DPT PROCEDURES FOR APPROVAL FROM BHEL AND ITS'S END CUSTOMER (NPCIL).
4. THE QAP HAS BEEN ATTACHED WITH TECHNICAL PURCHASE SPECIFICATION (TPS) NO.: BHEL/NPCIL/30599/FWM/WD&T/NU1 REV06 IS FOR REFERENCE ONLY. VENDOR IS REQUIRED TO PREPARE AND SUBMIT QAP INVOLVING ALL THE STAGES TILL DESPATCH. QAP SHALL BE SUBMITTED BY VENDOR (WITHIN 14 DAYS OF PO PLACEMENT) TO BHEL FOR FURTHER APPROVAL BY BHEL AND ITS END CUSTOMER.
THIS ABOVE MENTIONED APPROVED QAP HAS TO BE STRICTLY FOLLOWED AT ALL STAGES.
5. REGARDING CLARITY ON SL. NO. 4.4 & 7.3 OF BHEL TECHNICAL PURCHASE SPECIFICATION (OF INCONEL STRIP & FLUX)-THE INSPECTION AGENCY FOR FOREIGN MANUFACTURER AS MENTIONED IN ON SL. NO. 4.4 & 7.3 OF BHEL TECHNICAL PURCHASE SPECIFICATION (OF INCONEL & FLUX) SHALL BE DONE BY EITHER BHEL OR BY THIRD PARTY INSPECTION AGENCY APPROVED BY NPCIL AND APPOINTED BY BHEL.
6. THE OFFER SHALL CLEARLY INDICATE DELIVERY PERIOD FROM THE DATE OF PO PLACEMENT. OUR DELIVERY REQUIREMENT IS 240 DAYS FROM DATE OF PO PLACEMENT. POST ORDERING, THE ENTIRE ORDERED QUANTITY SHALL BE MANUFACTURED BY THE SUPPLIER AS PER APPROVED QAP. FROM THE MANUFACTURED LOT, A SAMPLE QUANTITY (SELECTED BY BHEL AND NPCIL-THROUGH PHYSICAL VISIT) SHALL BE USED FOR LOT / BATCH QUALIFICATION AT VENDOR'S WORKS.
BASED ON THE SUCCESSFUL LOT / BATCH QUALIFICATION (MEETING ALL THE REQUIREMENTS AS PER THE TPS DURING LOT QUALIFICATION AT VENDOR'S WORKS), DISPATCH CLEARANCE FOR THE BULK QUANTITY OF THE CONSUMABLE (WHOSE LOT QUALIFICATION HAS BEEN DONE SUCCESSFULLY) WILL BE GIVEN. HENCE, THE VENDOR SHALL PRESERVE THE BULK QUANTITY OF THE CONSUMABLE AT HIS WORKS IN GOOD CONDITION TILL DISPATCH CLEARANCE.
THE QUOTED DELIVERY PERIOD SHALL INCLUDE TIME FOR QAP APPROVAL, MANUFACTURING, TESTING, INSPECTION AT VENDOR WORKS AND DISPATCH. IN CASE OF REJECTION OF LOT QUALIFICATION, RE-MANUFACTURING AND INSPECTION AT VENDOR'S WORKS WOULD ALSO BE WITHIN THE QUOTED DELIVERY PERIOD. PLEASE NOTE, FOR ANY DELAY ON ACCOUNT OF BHEL. DELIVERY PERIOD WOULD BE EXTENDED FOR THE DELAYED PERIOD. NOTWITHSTANDING ANYTHING CONTAINED IN CONTRARY, INCLUDING BUT NOT LIMITED TO THE PROVISIONS RELATING TO EXTENSION OF TIME AND LIQUIDATED DAMAGES, TIME SHALL BE THE ESSENCE OF THE CONTRACT.
7. QUANTITY VARIATION FOR SUPPLY IS $\pm 1\%$.
8. EARLY DELIVERY IS ACCEPTABLE AFTER INTIMATION BY BHEL.
9. OEM OR VALID AUTHORIZATION LETTER FROM OEM IS REQUIRED.

Techno-Commercial Bid (To be filled by supplier and submit with offer)				
Tender No.		E9353058		
Description :		ITEM 1:INCONEL STRIP FOR SUBMERGED ARC STRIP CLADDING AS PER BHEL SPEC. NO.: BHEL/NPCIL/30599/FBM/WD&T/NU1 REV.06 SIZE : 0.5MM (THICK) X60MM (WIDTH). MATERIAL SHOULD BE SUPPLIED IN SPOOLS OF 25 -30 KGS EACH. (TOTAL QTY. REQUIRED = 5000 KGS). ITEM 2: MATCHING FLUX FOR INCONEL STRIP (ITEM NO.1) FOR SUBMERGED ARC STRIP CLADDING AS PER BHEL SPEC. NO. :BHEL/NPCIL/30599/FBM/WD&T/NU1 REV.06 . QTY. REQUIRED = 6000 KGS		
Remarks :		1. OFFER TO BE SUBMITTED IN TWO PART BID I.E. 'TECHNICAL BID' & 'PRICE BID'. 2. REFER GCC & 'ANNEXURE-B' FOR COMMERCIAL TERMS AND TECHNICAL TERMS. 3.PLEASE FURNISH DULY FILLED AND ENDORSED COPY OF BHEL GTC (BP200102B), ANNEXURE-B, ANNEXURE-C, ANNEXURE-D, PEBC ANNEXURE ALONG WITH OFFER. 4.PLEASE ACCEPT OUR TECHNO COMMERCIAL OFFER IN TOTO. ANY DEVIATION FROM OUR COMMERCIAL CONDITION SHALL BE SUITABLY LOADED IN THE OFFERED PRICE. 5.PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 AND ITS LATEST REVISIONS/AMENDMENTS TO BE FOLLOWED. 7.DELIVERY TERMS: The required delivery is 240 days from date of PO. Delivery quoted beyond our requirement is liable for rejection. Delivery will be calculated from date of last document approval from NPCIL. Vendor to submit QAP for approval within 15 days from PO and resubmission within 7 days from comments. Delay in submission & resubmissions of these documents by vendor shall be reduced from delivery		
Sr. No.	ELEMENTS	Standards	To be offered/confirmed by supplier	Remarks, if any
1	Quotation Reference & date	As per supplier		
2	HSN / SAC code	As per supplier		
	GST TYPE & ITS PERCENTAGE APPLICBALE item wise mentioned in the offer (IGST/CGST+SGST/UGST)	As per supplier		
3	Quotation Currency	In INR		
4	E-Mail	As per supplier		
5	Phone/Mobile	As per supplier		
6	Contact Person	As per supplier		
7	Order to be placed on	As per supplier		
8	Address	As per supplier		
9	Minimum delivery period to be quoted in no of days from the date of receipt of Purchase Order. If any document approval is required then the delivery period shall start from the date of document approval however vendor shall submit all documents with in 15 days of issue of PO. And subsequent submission shall be within 7 days in case any revision required.	As per supplier		
10	Prices shall be firm till delivery	Yes		
11	INSPECTION: INSPECTION BY BHEL / NPCIL AS PER NPCIL APPROVED QAP	Yes		
12	Delivery Destination: - The material is required to be supplied to FOR BHEL Bhopal. OR AS PER ANNEXURE B FOR FOREIGN VENDORS	Yes		
13	Price to be furnished on FOR destination BHEL Bhopal , duly insured basis inclusive of P&F charges. OR AS PER ANNEXURE B FOR FOREIGN VENDORS	Yes/NA		
14	Quoted for all the items of tender enquiry	Yes / No. (If "No" please mention item number of regreted items)		
15	Technical Specifications	Accepted as per enquiry / Accepted with deviation (If select Accepted with deviation, please mention the deviation)		
16	TC , GC and ALL Inspection report as per tender enquiry and specification will be submitted along with each consignment.	Yes (In case of "No" your offer may be rejected).		
17	Brand Name, If any.	As per supplier		
18	Supply from	As per supplier		
19	Quotation Validity will be 120 days from the date of techno-commercial bid opening.	Yes		
20	Are you registered under MSMED ACT 2006 as small or micro.	Yes / No (If select Yes, please enclosed valid MSE/UAM/UDYAM certificate)		
21	Payment terms: 100% payment within 90 days of receipt (45 days for MSE / NSIC registered suppliers under as per relevant act in force) subject to acceptance of material at BHEL, on direct presentation of the documents. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI repo rate +4% for the purpose of bid evaluation. AND AS PER ANNEXURE B FOR FOREIGN VENDORS	90 days / 45 Days (If supplier is MSE, please select 45 days) or AS PER ANNEXURE B FOR FOREIGN VENDORS		

Techno-Commercial Bid (To be filled by supplier and submit with offer)				
Tender No.		E9353058		
Description :		ITEM 1:INCONEL STRIP FOR SUBMERGED ARC STRIP CLADDING AS PER BHEL SPEC. NO.: BHEL/NPCIL/30599/FBM/WD&T/NU1 REV.06 SIZE : 0.5MM (THICK) X60MM (WIDTH). MATERIAL SHOULD BE SUPPLIED IN SPOOLS OF 25 -30 KGS EACH. (TOTAL QTY. REQUIRED = 5000 KGS). ITEM 2: MATCHING FLUX FOR INCONEL STRIP (ITEM NO.1) FOR SUBMERGED ARC STRIP CLADDING AS PER BHEL SPEC. NO. :BHEL/NPCIL/30599/FBM/WD&T/NU1 REV.06 . QTY. REQUIRED = 6000 KGS		
Remarks :		1. OFFER TO BE SUBMITTED IN TWO PART BID I.E. 'TECHNICAL BID' & 'PRICE BID'. 2. REFER GCC & 'ANNEXURE-B' FOR COMMERCIAL TERMS AND TECHNICAL TERMS. 3.PLEASE FURNISH DULY FILLED AND ENDORSED COPY OF BHEL GTC (BP200102B), ANNEXURE-B, ANNEXURE-C, ANNEXURE-D, PEBC ANNEXURE ALONG WITH OFFER. 4.PLEASE ACCEPT OUR TECHNO COMMERCIAL OFFER IN TOTO. ANY DEVIATION FROM OUR COMMERCIAL CONDITION SHALL BE SUITABLY LOADED IN THE OFFERED PRICE. 5.PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 AND ITS LATEST REVISIONS/AMENDMENTS TO BE FOLLOWED. 7.DELIVERY TERMS: The required delivery is 240 days from date of PO. Delivery quoted beyond our requirement is liable for rejection. Delivery will be calculated from date of last document approval from NPCIL. Vendor to submit QAP for approval within 15 days from PO and resubmission within 7 days from comments. Delay in submission & resubmissions of these documents by vendor shall be reduced from delivery		
Sr. No.	ELEMENTS	Standards	To be offered/confirmed by supplier	Remarks, if any
22	Other Charges (If any)	Applicable / Not Applicable. (If applicable please mention percentage (%) / Value (along with type of charges).		
23	Transit Insurance will be in supplier scope	Yes		
24	Penalty: - LD shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value (Please refer clause 9 of GCC - BP-200102B).	Yes / No (In case of "No", your offer will be loaded suitably)		
25	General terms and conditions of enquiry (Form No. BP-200102B) is Acceptable.	Yes (In case of "No" your offer may be rejected).		
26	Special Terms and conditions of enquiry (Annexure B) is acceptable.	Yes (In case of "No" your offer may be rejected).		
27	Confirm whether bidder is Manufacturer or Trader or Dealer of items under enquiry. OEM authorization to be submitted by Traders/Dealers	As per supplier		
28	Submitted duly seal & signed on all pages – BHEL GTC (BP200102B)	Yes (In case of "No" your offer may be rejected).		
29	Copy of PAN and GSTIN are submitted as per (Applicable for Un-registered suppliers of BHEL, Bhopal)	Yes / Not applicable		
30	BHEL shall evaluate the credentials and accept/reject the claim based on the evaluation of submitted documents. The decision of BHEL is final in this regard. BHEL reserves the right to verify the information submitted by the vendor. In case the information is found to be false or incorrect, the offer / purchase order shall be rejected at any stage. After successful Qualification against the PQR, credentials shall be submitted to NPCIL for approval. Consideration for placement of Order is subject to technical compliance of NPCIL requirement and NPCIL approval to vendor.	Yes / Not applicable		

Document No. : BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06		FABRICATION DIVISION Welding Development & Technology BHEL, BHOPAL	
Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding			
P.I No.			Date:02-08-2025
Total no. of annexures attached with this document: Annexure I to X			
S. No.	Description	Requirement*	
1	Scope & Application:	This specification prescribes requirements for Strip alongwith suitable Flux to be used for Submerged Arc Strip Cladding on carbon steel material.	
2	General Requirements	These consumables shall be suitable for depositing Corrosion Resistant Inconel Overlay Cladding on Carbon steel plates as specified in Table II of Annexure-I.	
2.1	Classification and general conditions	<p>1) The strip and flux shall meet the requirements of ASME Sec II - Part C, SFA 5.14: EQNiCr-3 (except chemical composition; for chemical composition requirements, details mentioned in this technical specification shall be adhered to) classification, SFA 5.01, SFA 5.02; and ASME Section III. However, the Material Organization Certification of the supplier, as envisaged by NB 2600 of Section III NB is not mandatory. Additional, modified requirements if any, specified in this specification shall be adhered to.</p> <p>2) The supplier shall submit the QMS (Quality Mangement System) Manual under the ambit of which the supply is intended to be made, along with the offer. The acceptance of such offers is strictly subjected to acceptance of supplier's QMS by BHEL, and BHEL's customer NPCIL.</p> <p>3) BHEL & NPCIL reserves the right to visit the supplier's manufacturing plant & testing centre for conducting a QA systems audit prior to ordering/ actual execution of work (refer S. No. 7.3 for details).</p> <p>4) The entire quantity of strip (in each size) and flux shall be from single lot. Lot classification shall be S2 for strip and F2 for flux, as per ASME Sec III NB 2420.</p> <p>5) The supplier shall provide along with the supply a Test Certificate (TC) containing the results of actual testing performed on the sample taken from the manufactured lot to be supplied to BHEL Bhopal (i.e. Batch qualification at Vendors work). All mandatory tests indicated in S. No. 6.1 to 6.11 of this specification shall be included and meet the required acceptance criteria specified in this specification.</p> <p>6) The TC shall include quantity, lot number, NDE results, chemical and mechanical testing results, test temperatures, Lot Class S2 for strip and Lot Class F2 for flux, and Schedule of testing K.</p> <p>7) Post ordering, the entire ordered quantity shall be manufactured by the supplier as per approved QAP.</p> <p>8) The Lot/Batch Qualification of the consumable (involving tests) indicated in S. No. 4 of this specification, will be carried out at Vendor's works. Based on the successful qualification meeting all requirements of this specification, dispatch clearance for the bulk quantity of the consumable will be given. The supplier shall preserve the bulk quantity of the consumable Lot at his works in good condition till dispatch clearance.</p> <p>9) The Lot Qualification shall be done for each combination of lot of strip and lot of flux.</p>	


*All ASME standards referred in this specification shall be of Ed 2017

Page 5 of 29

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Document No. : BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06		FABRICATION DIVISION Welding Development & Technology BHEL, BHOPAL	
Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding			
S. No.	Description	Requirement*	
2.2	Chemical composition	Refer Sr. No. 6.1 and Sr. No. 6.2 of this specification.	
2.3	Size of Strip	60 mm width and 0.5 mm thickness (tolerance shall be as per clause 11 of SFA 5.14 of ASME Sec II C)	
2.4	Weight of Spool	Standard Packing of spool to be specified by Vendor. 30 kgs. spool will be preferred.	
2.5	Spool inside diameter	300 mm approximately	
2.6	Finish and Uniformity	As per clause 12 of SFA 5.14 of ASME Sec II C.	
2.7	Standard package forms	As per clause 13 of SFA 5.14 of ASME Sec II C.	
2.8	Winding Requirement	As per clause 14 of SFA 5.14 of ASME Sec II C.	
2.9	Filler Metal Identification	As per clause 15 of SFA 5.14 of ASME Sec II C.	
2.10	Packaging	As per clause 16 of SFA 5.14 of ASME Sec II C.	
2.11	Marking of Packages	As per clause 17 of SFA 5.14 of ASME Sec II C.	
2.12	Brand	Quoted Welding Consumables brand name and its data sheet shall be provided along with offer.	
3	Flux	The flux shall be suitable for cladding on carbon steel base material with Inconel strip electrode (as mentioned in this specification) to deposit weld metal which meets the requirements of tests mentioned in Sr.No. 6 of this specification. Flux shall be preferably granular in form and shall be capable of flowing freely through the flux feeding tubes, valves, and nozzles of standard submerged arc welding equipment.	
3.1	Lot	The complete quantity of flux ordered shall be from a single heat/lot/batch.	
3.2	Flux Type	The flux type shall be reported.	
3.3	Particle size of flux	Particle size of flux shall be reported along with Mesh Size Certificate for the Lot to be supplied.	
3.4	Slag detachability	Total Slag shall be easily detachable from the clad surface. The clad deposit shall be free from slag entrapment, depressions and cavities.	


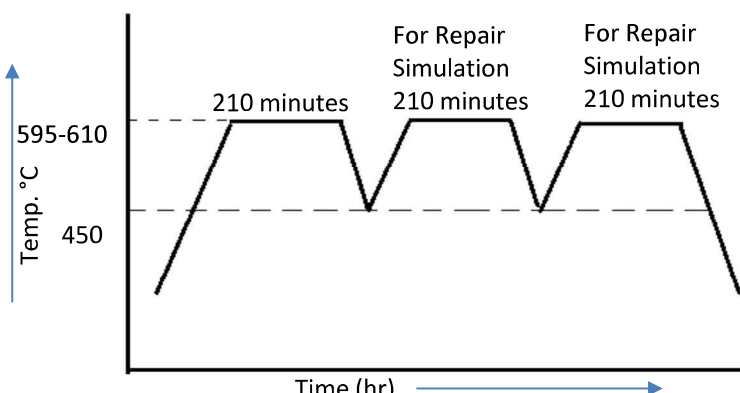
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Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding																				
S. No.	Description	Requirement*																		
3.5	Flux Constituents	Vendor to provide the percentage range of flux constituents as follows: <table><tr><td>Flux constituents</td><td>Range of Values</td></tr><tr><td>SiO₂</td><td>To be Reported</td></tr><tr><td>Al₂O₃</td><td>To be Reported</td></tr><tr><td>TiO₂</td><td>To be Reported</td></tr><tr><td>CaF₂</td><td>To be Reported</td></tr><tr><td>MnO</td><td>To be Reported</td></tr><tr><td>Basicity</td><td>To be Reported</td></tr><tr><td>Others</td><td>To be Reported</td></tr></table>			Flux constituents	Range of Values	SiO ₂	To be Reported	Al ₂ O ₃	To be Reported	TiO ₂	To be Reported	CaF ₂	To be Reported	MnO	To be Reported	Basicity	To be Reported	Others	To be Reported
Flux constituents	Range of Values																			
SiO ₂	To be Reported																			
Al ₂ O ₃	To be Reported																			
TiO ₂	To be Reported																			
CaF ₂	To be Reported																			
MnO	To be Reported																			
Basicity	To be Reported																			
Others	To be Reported																			
3.6	Flux packaging	The flux shall be preferably packed in tins/canisters of 25 kgs in sea worthy packaging.																		
3.7	Storage and Drying condition	All details of flux regarding storage, drying condition and shelf life must be provided.																		
3.8	Marking of packages	The packages shall be legibly marked to show information such as : 1) ISO and other classification 2) Supplier's name and trade designation 3) Size and net weight 4) Lot or control number. 5) Date of manufacture and BHEL PO number																		
4	Batch/Lot Qualification	The Batch Qualification shall be done at Vendor's Works. Refer Annexure-X (Instructions for Batch Qualification) for details regarding Batch Qualification.																		
4.1	Acceptance	The batch Qualification at Vendors works shall be deemed to be accepted only if it meets the testing requirements in line with Annexure-X (Instructions for Batch qualification) and Sr. No. 6 of this specification.																		
4.2	Lot	The complete quantity of strips ordered shall be from a single heat/lot/batch.																		
4.3	Facilities for Batch testing	Suppliers shall submit relevant documents in support of availability of in-house manufacturing and testing facility (in-house or otherwise, where testing related to Batch qualification at Vendors works is to be done) along with offer in Part-I bid. For Indigenous supply, Chemical composition mentioned at S. No. 6.1 and 6.2 of the TPS, Mechanical tests mentioned at S. No. 6.5 to 6.8 of the TPS and Metallographic examination mentioned at S. No. 6.9 of TPS are to be carried out in NABL accredited laboratory/NPCIL approved lab only. In case of foreign supplier, Chemical composition mentioned at S. No. 6.1 and 6.2 of the TPS, Mechanical tests mentioned at S. No. 6.5 to 6.8 of the TPS and Metallographic examination mentioned at S. No. 6.9 of TPS are to be carried out in Labs meeting the requirements as per National / International standards like ISO 9001 or ISO/IEC 17025 etc. or lab accredited by their respective national agencies.																		



Document No. : BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06		FABRICATION DIVISION Welding Development & Technology BHEL, BHOPAL		
Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding				
S. No	Description	Requirement		
4.4	Inspection Agency	Inspection agency for Indigenous suppliers - BHEL & NPCIL. Inspection agency for import suppliers - BHEL or NPCIL approved third party inspection (TPI) agency appointed by BHEL. Also, refer S. No. 7.3 (of this specification) and Reference QAP mentioned at Annexure-X of this specification.		
5	Technical Details for Batch Qualification using Strip and Flux:			
5.1	Test Coupon Preparation	1. The base material shall be of carbon steel as per Table II of Annexure-I. Drawing of test piece and location of test specimen to be cut for testing is given in Annexure-VII. 2. The base material (150 mm thick) is to be overlaid with Inconel Consumable Strip (as required in this specification) using SAW process with suitable flux (as mentioned in Sr. No. 3 of this specification). 3. Parameters mentioned in Annexure-V to be adhered by vendor. 4. The thickness of cladding, in the final machined condition, shall be in the range of 6-10 mm approximately as measured from the original base metal surface.		
5.2	Post Heat Soaking	1. The As-Welded test coupon prepared in accordance with clause 5.1 shall be subjected to Post heat soaking. 2. Post heat soaking tempertaure shall be at 280°C ± 10° for min. 6 hrs. 3. After the cladding of the test plate, post heat soaking shall be done in continuation at temperature of 280 ± 10°C for minimum 6 hours before cooling down to ambient temperature. In case of any interruption in cladding the test piece, same post weld heat soaking is required.		
5.3	PWHT (Post Weld Heat Treatment)	<div><div>1. The As-Welded test coupon prepared in accordance with Sr. No. 5.1 and after post heat soaking (if required as per Sr. No 5.2 of this specification) shall be subjected to PWHT. 2. The PWHT shall be done as shown below :</div><div><div>Rate of heating (from 300°C) : 30°C/hr (max.) Rate of cooling (upto 300°C) : 30°C/hr (max.) Soaking time : 210 minutes (min.) Soaking Temperature : 595-610°C</div><div></div></div></div>		


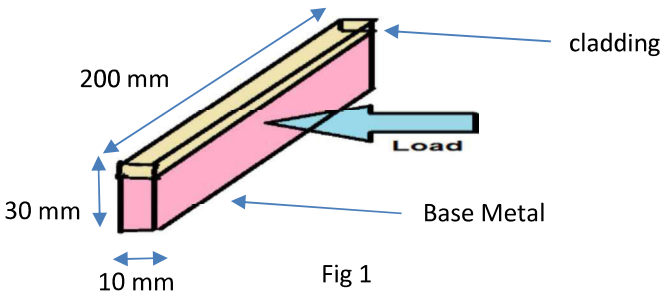


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Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding			
S. No	Description	Requirement	
5.4	Surface conditioning of cladding	1. The cladding shall be machined to a smooth surface with a finish of 3.2 microns or better after PWHT. 2. The surface shall be suitable for carrying out liquid penetrant and ultrasonic examinations as per annexure III and IV.	
5.5	Cleanliness	1. The cleaning procedure shall include cleaning before cladding, in between passes/layers, after completion of cladding and final cleaning after machining. In case any liquid cleaning agent is required then the limit of halogen and sulphur content shall not exceed 25PPM.	
6	Tests required	Unless otherwise specified, all tests (mentioned in S. No. 6.1 to 6.11 of this specification) and acceptance of examinations shall be conducted on the batch test coupon after heat treatment as specified in Sr. No. 5.2 and 5.3 of this specification.	
6.1	Chemical composition of strip	1. The chemical composition of Strip shall be a modification/restriction of EQNiCr-3 as specified in Table-1 of SFA 5.14 of ASME Sec IIC. However, the chemical composition of Strip shall be such that the strip-flux combination produces the weld deposit chemistry as required in Sr. No. 6.2 of this specification. 2. The chemical analysis of strip shall be done as per clause 9 of SFA 5.14 of ASME Sec II C and the results shall be reported.	
6.2	Chemical composition of deposited weld metal	1. The overlay cladding thickness shall be in the range of 6-10 mm approximately after final machining based on fulfillment of chemical composition requirement. 2. The chemical composition of the cladding upto 2 mm depth from the machined surface shall be as per Table-I of Annexure-1 and to ascertain this, chemical composition shall be analysed at each 1 mm deep step from the top surface upto 4 mm height from the base metal surface. 3. The minimum cladding thickness at which the chemical composition as per Table-I of Annexure-I is met shall be reported. 4. The weld metal analysis shall be done by spark based OES Spectrometer. However, if a particular element cannot be analysed by using spark based OES Spectrometer then vendor should inform in advance. In such a case, vendor shall propose and get approval for a suitable analytical method to BHEL. The chemical analysis shall, in such cases, be done only when the proposed analytical method is agreed by both BHEL and it's end customer (NPCIL).	
6.3	Dye Penetrant Test as per Annexure-III of this specification	1. The entire surface of overlay cladding shall be subjected to liquid penetrant examinations at the following stages : 1.1. In as deposited condition(with some grinding or skim cut if required) 1.2. After heat treatment 1.3. After the cladding is machined to the specified minimum thickness. 1.4. At other locations as called in this specification. The materials involved in DPT shall be as per List of approved brands of Penetrant Materials as per NPCIL approved procedure (BHEL/NPCIL/30599/D2O HX/NDE/PT/01).	


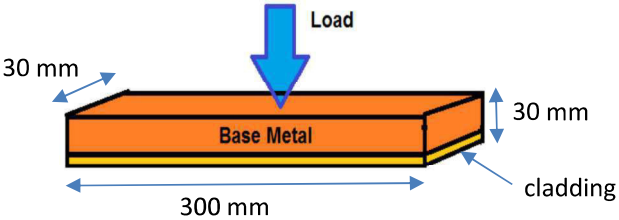
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Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding		
S. No	Description	Requirement
6.4	Ultrasonic Examination as per Annexure-IV of this specification	1. The entire surface of overlay cladding shall be ultrasonically examined at the following stages : 1.1. In as deposited condition (with some grinding or skim cut if required) 1.2. After heat treatment and 1.3. After the cladding is machined to the specified minimum thickness. 2. Underclad cracks are not acceptable.
6.5	All weld metal tension test	All weld metal tension test shall be done as per Annexure-VI of this specification.
6.6	Side bend tests	1. 4 Nos. test specimens for side bend test (2 nos. in transverse and 2 nos. in longitudinal directions of cladding, 10 mm wide x 30 mm thick x 200 mm long) shall be prepared from the test coupon . 2. They shall be bent 180° around a mandrel of diameter 40 mm . 3. For acceptance criteria refer Annexure-VIII of this specification. <div style="text-align: center;">  <p>Fig 1</p> </div>




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Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding		
S. No	Description	Requirement
6.7	Transverse face Bend Test	<p>1. 2 Nos. of test specimens for transverse face bend test , 30 mm x 30 mm x 300 mm long , shall be prepared from the test coupon.</p> <p>2. They shall be bent 180° around a mandrel of 120 mm diameter with cladding on the tension side of the bent specimen and inspected for any cracks.</p> <p>3. The bent specimen shall show “No cracks”.</p> <div style="text-align: center;">  <p>Fig 2</p> </div>
6.8	ISO-V impact test	ISO-V impact test (5 Nos. of Charpy-V notch specimen) to be done as per ISO 148-1 and the values shall be reported at 18°C.
6.9	Metallographic Examination	<p>1. A section over the entire width of the test coupon shall be cut transverse to the direction of cladding.</p> <p>2. The etching of cladded surface shall be as per ASTM E340-15 and E407-07 for macro and micro examination respectively.</p> <p>3. Metallographic specimens for microscopic examinations at 100X magnifications shall be prepared .</p> <p>4. The specimen section shall be free from cracks.</p> <p>5. The examinations shall cover all typical locations in the cladding such as overlap zones of beads and layers, inter- layer zones, HAZ of the base metal etc.</p>
6.10	Resistance to hot cracking	The weld metal deposited by SAW process shall be tested for resistance to Hot cracking by the crossed-bead welding test, as described in the Annexure-II.
6.11	Hardness Survey	The hardness measurements (HV 1.0) over the thickness of cladding, including the transition zone and HAZ of base metal, shall be made on one of the prepared metallographic sections and the results shall be represented graphically as described in the Annexure-IX.
7	Quality Considerations	
7.1	Information to be supplied in the bid	At the time of bidding the welding consumable supplier shall furnish all the relevant technical information regarding his product which shall include the recommended welding parameters and also instructions such as baking & shelf life of flux etc.
7.2	Deviations	The bidder shall clearly state, if there are any deviations to the requirements of this specification.

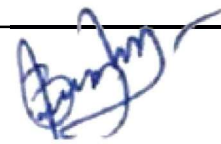
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Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding			
S. No	Description	Requirement	
7.3	Quality assurance and Production control & Quality Surveillance	<p>The welding consumable manufacturer shall have a well laid out quality assurance and production control program. While bidding, information on quality assurance and production control program shall be furnished by the bidder to BHEL which shall be reviewed and accepted by BHEL and submitted to NPCIL for acceptance prior to technical clearance. Only after prior approval of NPCIL, the bid will be technically accepted. The welding consumable manufacturer will be subjected to Quality surveillance by BHEL and NPCIL for items manufactured in India. The welding consumable manufacturer will be subjected to Quality surveillance by BHEL or NPCIL approved third party inspection (TPI) agency appointed by BHEL for items manufactured outside India.</p> <p>For the purpose of initial evaluation related to Quality surveillance by BHEL and NPCIL, manufacturer shall submit the following documents along with the offer:</p> <ol style="list-style-type: none"> 1.) Quality System Certificates (QSC) issued by ASME (if available) 2.) Valid ISO:9001 certificate 3.) Quality management system (QMS) manual. <p>Note: QMS and its supporting documents shall cover manufacturing of welding consumable as per ASME Section III-NB and Lot classification as mentioned in the Technical Purchase Specification.</p> <p>If the manufacturer does not have valid Quality System Certificates (QSC) issued by ASME then BHEL and NPCIL will audit the system, in line with ASME Sec III NB for internal purpose only. The above audit will not certify the vendor for any future supplies (as BHEL is not an N-Stamp certified manufacturer).</p> <p>Supplier shall submit manufacturing process flow chart (Raw material to finished product) along with offer.</p> <p>Before start of manufacturing, the supplier shall prepare a QAP (as mentioned in S. No. 7.5) of manufacturing and testing activities and submit to BHEL for approval. The manufacturing of consumable shall start only after approval of that QAP.</p> <p>BHEL / BHEL's End customer reserve the right to inspect at the Supplier's works for compliance of QMS with respect to approved BHEL QMS and ASME Section III, before the start of production activities as mentioned above. BHEL & NPCIL (BHEL's End customer) shall have right to access supplier's facility and records for this inspection.</p> <p>Also, the inspection at the Supplier's works for compliance of QMS with respect to approved BHEL QMS and ASME Section III, before the start of production activities, may be waived off for those vendors who have possession of valid QSC Certificate. Such vendors shall submit QSC certificate and other related documents to BHEL Bhopal to verify the applicability to the above mentioned case.</p> <p>The products shall only be shipped after clearance and issue of shipping release note from respective inspection agencies mentioned above.</p>	

06



Document No. :		<div>FABRICATION DIVISION Welding Development & Technology BHEL, BHOPAL</div> <div></div>
BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06		
Technical Specification of Inconel Strip and Flux for Submerged Arc Strip Cladding		
S. No	Description	Requirement
7.4	Reports / Certificates	1. Signed and sealed test certificates of all the tests conducted including chemical composition of strip and test certificate of flux shall be submitted in 6 original copies (with scanned PDF version on CD/USB drive) to BHEL. 2. An additional copy shall accompany the welding consumables in their package for shipment.
7.5	QAP requirement	Before start of manufacturing, the supplier shall prepare a QAP of manufacturing activities in line with the reference QAP at Annexure-X and submit to BHEL for approval. The manufacturing of consumable shall start only after approval of QAP. Supplier to submit QAP for approval of BHEL & NPCIL within 14 days of PO (Purchase Order) placement.
Note:		1. The term "Vendor" or "Supplier", wherever mentioned in this specification refers to OCM (Original Consumer Manufacturer). 2. The term "TPS/ Technical Purchase Specification", wherever mentioned in this specification refers to Technical Purchase Specification: BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06.

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Annexure-I to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

TABLE-I of Annexure-I to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Chemical Composition of deposited Inconel weld metal

Elements	Deposited from strips by SAW
C	0.04 max.
Cr	18.0 - 22.0
Ni	67.0 min
Mn	2.5 - 3.5
Si	0.5 max
P	0.02 max
S	0.015 max
Ta	0.2 max
Ti	0.75 max
Cu	0.50 max
Fe	3.0 max
Co	0.03 max
Nb	2.0 - 2.5
Nb/Si	4 min
Total incidental limits	0.5 max



TABLE-II of Annexure-I to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

BASE METAL
Chemical Composition

SA-350 LF2 CL I	
Elements	% composition
C	0.30 max
Si	0.15 - 0.30
Mn	1.35 max
P	0.035 max
S	0.040 max
Cr	-
Mo	-
Ni	-
Al	-
Cu	-
V	-

- Note :**
1. The surface of base metal to be cladded shall be free from dust,grease,rust,etc.
 2. The surface of base metal to be cladded shall be machined to minimum finish of 3.2 microns.
 3. The base metal shall pass the liquid penetrant and ultrasonic examination tests.



ANNEXURE- II to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

TEST FOR RESISTANCE TO HOT CRACKING OF OVERLAY CLADDING DEPOSITED BY SAW PROCESS

1. Preparation of SAW Cladded test plate

The test plate, overlay cladded by SAW process, shall be subjected to heat treatment, followed by machining of the cladding to the required minimum thickness and liquid penetrant examination.

2. Crossed weld bead deposition

Crossed weld beads SB1 to SB8 as shown in the Fig 4 below, shall be welded as stringer beads to the prepared surface of the cladding, using (a) GTAW torch (without adding filler metal), (b) Coated manual welding electrodes (SMAW) of diameters 3.15, 4.00 and 5.0 mm. Unless otherwise specified, the following welding parameters shall be used :

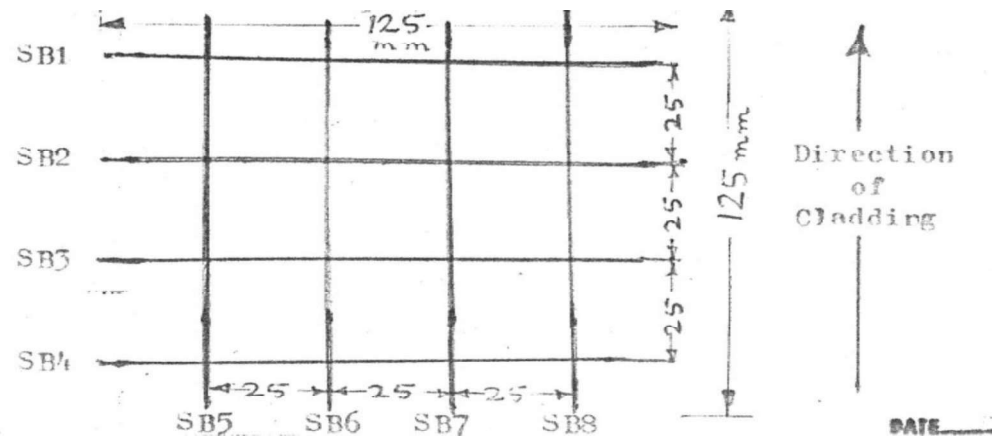
Sequence of beads	Welding process	Welding position	Electrode diameter (mm)	Current Amps Voltage volts	Preheat temp.
1 and 5	GTAW	1 G	---	Approx. 100 A 22 – 26 V	RT
2 and 6	SMAW	1 G	3.15*	90 – 110 A 22 – 25 V	RT
3 and 7	SMAW	1 G	4*	120 – 140 A 22 – 25 V	RT
4 and 8	SMAW	1 G	5*	150 – 170 A 22 – 25 V	RT

* The size of electrode shall be decided based on usability.

GTAW – Gas Tungsten Arc Welding

SMAW – Shielded Metal Arc Welding with Covered Electrodes

RT- Room Temperature



SB= Sequence of bead to be followed

FIG-4

3. Examination

The specimen, welded as above, shall be subjected to liquid penetrant examinations as follows :

- In as welded condition.
- After grinding the weld head reinforcements down to the surface of the cladding.
- After machining/grinding the entire area down in steps of 0.5 mm below the surface of the cladding till the entire heat affected zone (HAZ) of stringer beads is covered.
- Further, a search for hot cracks shall be made in an overlapping zone between the surface layer and the underlying layer by progressive parallel sectioning.

4. Evaluation

The specimen shall be free from indications due to cracks during complete testing.

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ANNEXURE- III to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Liquid Penetrant Examination of Cladding

**The Liquid Penetrant Examination of Cladding shall be done as per NPCIL approved procedure
(BHEL/NPCIL/30599/D2O HX/NDE/PT/01)**

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ANNEXURE- IV to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Ultrasonic Examination of Cladding

**Ultrasonic Examination of Cladding shall be done as per NPCIL approved procedure
(BHEL/NPCIL/30599/D2O HX/NDE/UT/02)**



ANNEXURE- V to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Parameters for welding test coupon

Consumable	Size	Current (A)	Voltage (V)	Polarity	Stick Out (mm)	Welding Travel speed in mm/minutes	Preheat °C (min)	Interpass °C (max.)
EQNiCr-3 Strip and Flux	60x0.5 mm	650-750	28-32	DCEP	25-32	160-190	150	200

06

Note :

1. The above mentioned current, voltage stick out and welding travel speed are indicative approximate values.
2. Post heating temperature: $280^{\circ} \pm 10^{\circ} \text{C}$ for min. 6 hours.
3. During any interruption in welding, post heating shall be done before cooling below the preheat temperature.

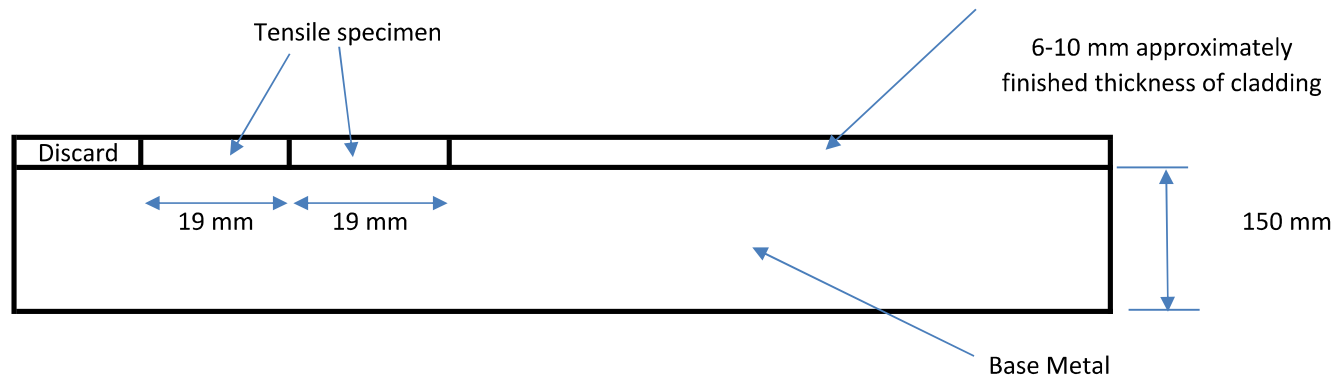


ANNEXURE- VI to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

All weld Metal Tension Test

The Inconel cladding weld metal shall have the following mechanical properties in the heat treated condition.
2 nos. of transverse strip tensile test specimen shall be taken out of Inconel cladding weld metal and the mechanical properties shall meet the following requirements:

Tensile strength min. (at Room Temperature)	550 MPa
Yield strength (0.2 % proof stress at RT)	250 Mpa (minimum)
% Elongation	30 (minimum)



Note : See Annexure-VII for location and orientation of tensile specimen

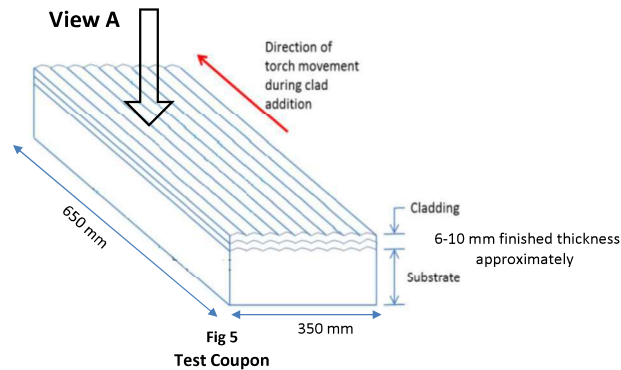
ANNEXURE- VII to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Test specimen details

Table III

S. No.	Specimen	Size of specimen WxTxL	Position	Identification
1	All weld metal tensile test	19x6x300	Transverse	AWMT 1-2
2	Transverse Side Bend Test	10x30x200	Transverse	TSB1-2
3	Longitudinal Side Bend Test	10x30x200	Longitudinal	LSB1-2
4	Face Bend Test	30x30x300	Transverse	TFB1-2
5	Chemical Test	30x30x300	Transverse	CH*
6	Metallography (micro and macro)	10x30x300	Transverse	MTL1-2
7	ISO-V Impact Test	Size shall be as per ISO 148-1	Transverse	Impact 1-5***
8	Resistance to hot crack Test	150x150x150	Transverse	RHT1-3

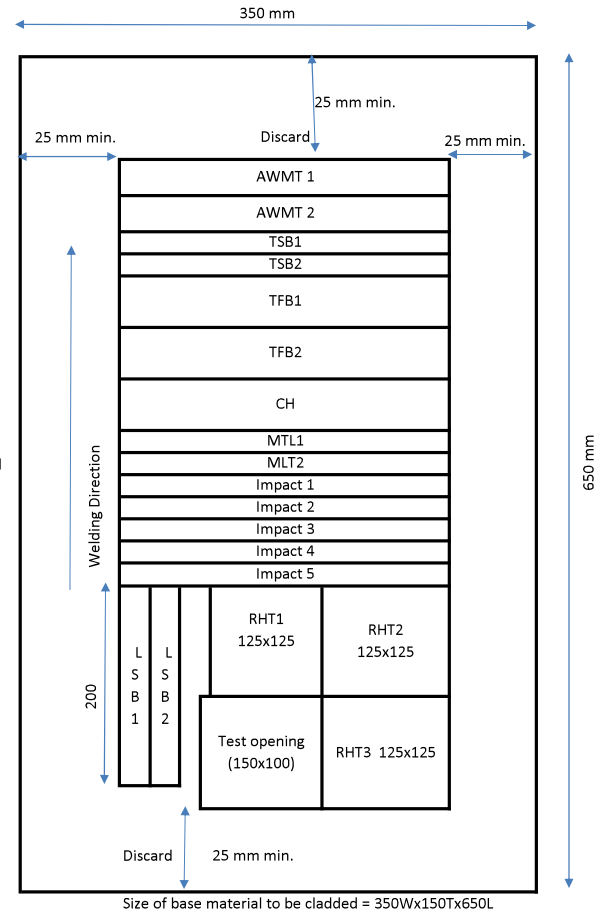
*From sample identified as CH,multiple samples of suitable size (as required for analysis by spectrometer) shall be cut and subsequently machined as per details provided in Sr. No. 6.2 of this Specification.



***The impact sample shall be taken from cladding.

Note :

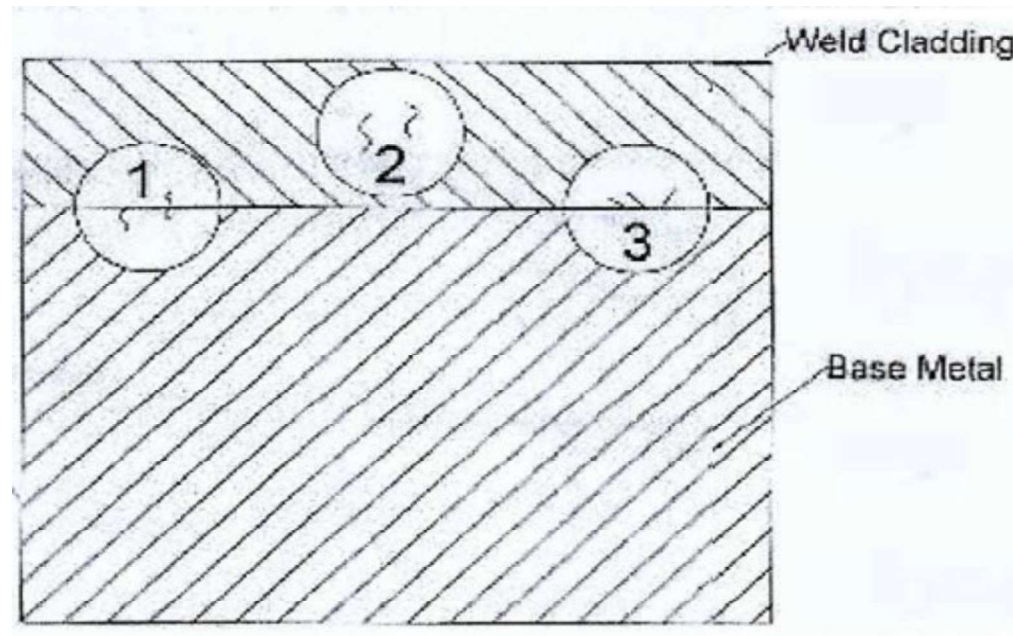
- 1.) The specimen is to be cut only after machining the cladded plate with finished cladding thickness in the range of 6-10 mm approximately.
- 2.) Unless otherwise specified, all the test specimen shall bear the seal of Customer of BHEL Bhopal.
- 3.) All dimensions are in mm.
- 4.) The dimensions shown in the Fig 5 and view A are indicative only and vendor shall take suitable size of test coupon so as to carry out all the test as mentioned in Sr. No. 6 of this specification or any other additional test (if required).
- 5.) During test specimen removal from test coupon suitable cutting allowance shall be provided so as to get final dimension as given in Table III above.



View A

ANNEXURE- VIII to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Acceptance Criteria for Side Bend Test

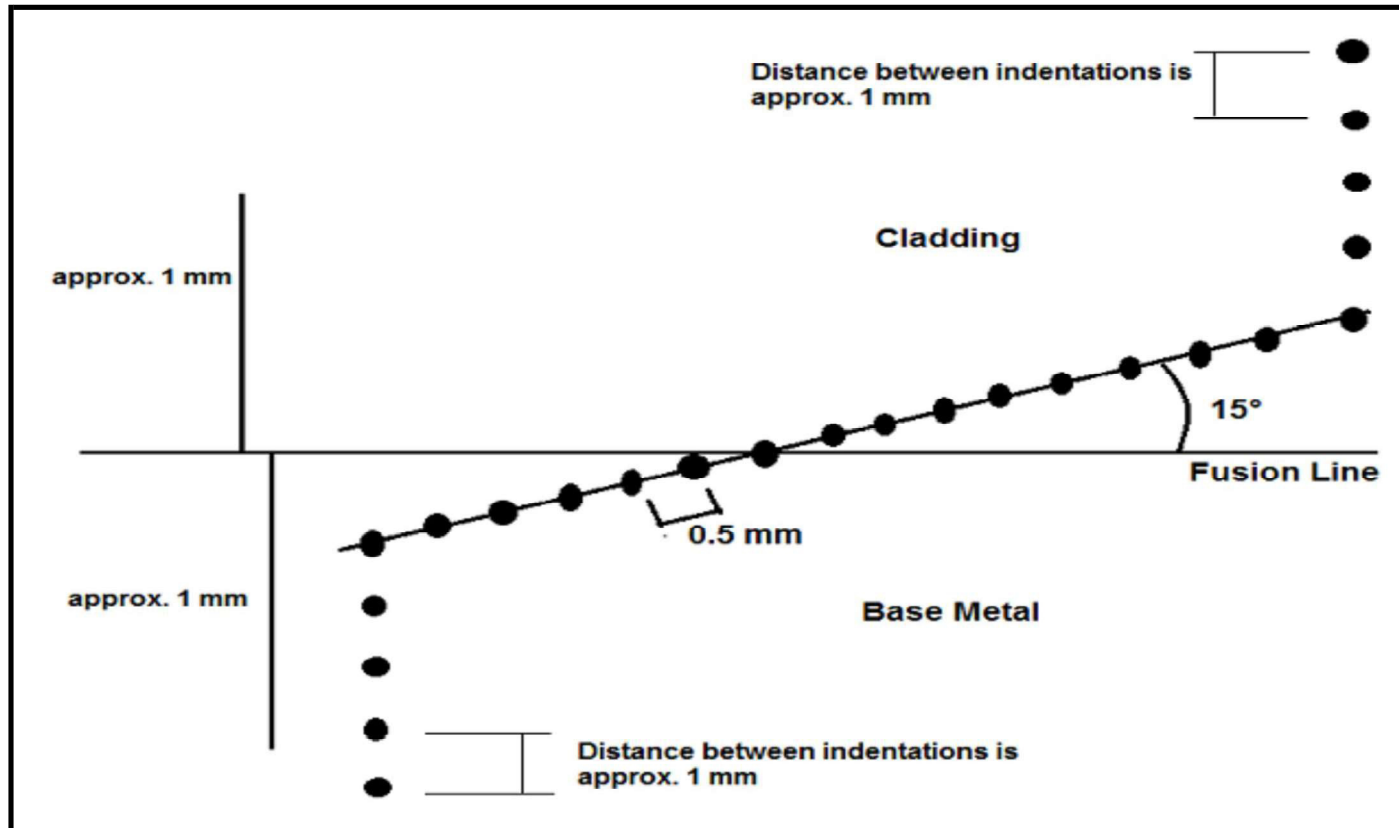


- 1) **Defect Type 1:** Cracks extending into the base metal are not acceptable.
- 2) **Defect Type 2:** Cracks in weld cladding which do not touch the fusion line are not acceptable.
- 3) **Defect Type 3:** Occasional cracks in the cladding which form at an angle to and start from the fusion line are allowed provided they do not exceed 1.6 mm in length.

ANNEXURE- IX to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06

Hardness Survey

- 1 Hardness shall be measured on the specimen used for metallographic examination, by Vickers pyramid method using 1.0 kg load. The hardness check shall cover transition, overlap of beads & layers, heat affected zone of base material and typical cladding.
- 2 Approximately 15 indentations spaced at 0.5 mm, apart shall be taken in interface region (oblique line) and indentations spaced approximately at 1 mm shall be taken in base material & overlay sections, as shown in the figure below :



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Logo of Company	Sub Vendor/ Sub Contractor Name & Address	Annexure-X to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06 REFERENCE QUALITY ASSURANCE PLAN (QAP)	PROJECT: NPCIL, GHAVP PO No.:
		Item: SAW Inconel Strip and Flux	NAME OF PACKAGE & MAIN CONTRACTOR:
		QAP No.: Rev No. Date:	Package: Main Contractor:
		No. of pages: 25 of 29	

Sr. No.	Component/ Operation	Characteristics	Class	Type of check	Quantum of check	Reference document	Acceptance norms	Format of record	Agency				Remarks	Name & Signature with Date		
									P	W	R	H		1	2	3
1	2	3	4	5	6	7	8	9	10				11	12		
1.0	System Audit as per QMS (Quality Management System)	Review of procedures		Physical		BHEL PO and TPS	Approved BHEL QMS & ASME Sec III	Report		2	1, 2		Witness for Non-QSC holders and review for QSC holders (refer Note 1 & 2)			
2.0	Lot Classification	Manufacturing capability for Lot Class specified in the TPS		Document review		BHEL PO and TPS	BHEL PO and TPS	Report		2	1, 2		Witness for Non-QSC holders and review for QSC holders (refer Note 1 & 2)			
3.0	Incoming Raw material for strip and flux	Properties and Quantity	MA	Document review	100%	BHEL PO, Technical Purchase Specification (TPS), ASME Sec III and ASME Sec II C.		Review of Test Certificate for Incoming raw material	3		1, 2					
4.0	Manufacturing of strip and flux	Manufacturing for Lot Class specified in the TPS	MA	Document review	100%			Manufacturing Log	3		1, 2		Refer Note 1 (Vendor to provide documents to validate Lot Class)			
5.0	Sample Quantity Selection for Batch Qualification	Selection of Sample quantity from Bulk quantity at Vendor's works	MA	Physical	Random			Report	3	1, 2			1, Selection of sample quantity from the batch/lot of Bulk quantity for lot qualification at vendor's works.			
6.0	Stamping of Bulk quantity	Stamping	MA	Physical	100%			Stamping	3	1, 2			1, Stamping of entire bulk quantity by BHEL & NPCIL (Ref. Note 2)			

Logo of Company	Sub Vendor/ Sub Contractor Name & Address	Annexure-X to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06 REFERENCE QUALITY ASSURANCE PLAN (QAP)		PROJECT: NPCIL, GHAVP PO No.:	
		Item: SAW Inconel Strip and Flux		NAME OF PACKAGE & MAIN CONTRACTOR:	
		QAP No.:		Package: Main Contractor:	
		Rev No.			
		Date:			
		No. of pages: 26 of 29			

7.0	Welding overlay/ cladding of test coupon at Vendor's works for Batch Qualification	Cladding (using sample quantity of consumables) on SA 350 Gr LF2 (Base Metal)	MA	Physical	100%	BHEL PO, Technical Purchase Specification (TPS), ASME Sec III and ASME Sec II C	TC review of Base Metal, Weld Data Sheet	3	1, 2			Refer Note 2.			
8.0	PWHT at Vendor's works	PWHT of cladded test coupon	MA	Physical	100%		PWHT chart	3	1, 2			Witness of loading of test coupon for PWHT (Refer Note 2).			
9.0	Batch Qualification Testing at Vendor works	Witness of testing	MA	Physical	100%		Test Certificate	3	1, 2			Refer Note 2.			
10.0	Verification of final documents and Issue of SRN (Shipping Release Note)			Physical			Document review	Test Reports & manufacturing documents	2			1, 2			

Manufacturer/Sub Vendor	Legend: A) AGENCY : 1: NPCIL 2: BHEL 3: VENDOR B) ACTIVITY : "H": HOLD POINT, "P": PERFORMED BY "W": WITNESSED BY, "R": REVIEWED BY MA-MAJOR, CR-CRITICAL, TPS- TECHNICAL PURCHASE SPECIFICATION (BHEL/NPCIL/30599/FBM/ WD&T/NU1 Rev 06)	SEAL & SIGNATURE OF MAIN/ PACKAGE CONTRACTOR	
SEAL & SIGNATURE WITH DATE			



Logo of Company	Sub Vendor/ Sub Contractor Name & Address	Annexure-X to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06 REFERENCE QUALITY ASSURANCE PLAN (QAP)	PROJECT: NPCIL, GHAVP PO No.:
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		QAP No.: Rev No. Date:	Package: Main Contractor:
		No. of pages: 27 of 29	

Note:

1. Lot class shall be maintained as per ASME Sec III NB 2420 and ASME Sec II C SFA 5.01. Lot class for Strip-S2 and Lot Class for flux - F2
2. Stage witness mentioned in this QAP shall be done by inspection agency mentioned in S. No. 4.4 of TPS.
3. Minor: The characteristic of a component, process or operation whose failure neither materially reduce the usability of the product in operation, nor does it affect the aesthetic aspects.
4. Major: The characteristic of a component, process or operation whose failure may cause operation failure which cannot be readily corrected at site or cause substandard performance, increased erection and maintenance cost, reduced life or seriously affect aesthetics or ergonomics.
5. Critical: The characteristics of a component, process or operation failure of which will surely cause operating failure or intermittent troubles which is difficult to rectify at site or render the unit unfit for use or safety hazards.
6. Review, Witness and Hold Points in Quality Plan would mean:
Review - All relevant records pertaining to the process/ activity should be produced to BHEL & NPCIL, as the case may be, for verification.
Witness - Witness points are critical steps in manufacturing and examination/ inspection / testing, where the supplier is obliged to notify BHEL & NPCIL, as the case may be, sufficiently in advance of the start of the operation / test so that the same could be witnessed. The supplier may proceed with the work past a witness point, provided BHEL / BHEL & NPCIL, as the case may be, had waived the same or notified to the supplier of the inability to attend it at the scheduled date/even at a later date. However, surprise visit could be made to verify such activity and retest may be demanded in case of any discrepancy. Parallel processing, notwithstanding the waiver of inspection for the current stage of manufacturing/ testing, is not permitted normally, however with written permission of BHEL / BHEL & NPCIL further processing/ activity could be done.
Hold - BHEL & NPCIL witness & clearance is mandatory before proceeding with further activity.
Under no circumstances further activities should proceed without formal clearance from BHEL & NPCIL for the current stage.
7. Refer the **Instructions for Batch Qualification** mentioned in this QAP for Batch Qualification at vendor's works.
8. In case of rejection of the lot qualification (or termed as 'Failed during batch qualification at Vendor's works' as per **Instructions for Batch Qualification**), the supplier shall re-manufacture the required lot of consumables in-lieu of the rejected items and lot qualification for re-manufactured consumables shall be done again as per the specification.

Logo of Company	Sub Vendor/ Sub Contractor Name & Address	Annexure-X to BHEL/NPCIL/30599/FBM/WD&T/NU1 Rev 06 REFERENCE QUALITY ASSURANCE PLAN (QAP)	PROJECT: NPCIL, GHAVP PO No.:
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		QAP No.: Rev No. Date:	Package: Main Contractor:
		No. of pages: 28 of 29	

Instructions for Batch Qualification

- 1) Once Purchase Order is released, the Supplier shall prepare a detailed Quality Assurance Plan (QAP) in line with the reference QAP (of this Annexure-X) and submit it to BHEL for getting approval from NPCIL. Only after QAP approval, the production activities are to be started. BHEL & NPCIL inspectors will stage witness based on the approved QAP.
- 2) The Lot/Batch qualification as mentioned in S. No. 4 of TPS will be done at Vendor's (OCM) works.
- 3) During lot classification at Vendor's works, BHEL & NPCIL inspectors or the inspection agency as per S. No. 4.4 of TPS will physically select a sample quantity of consumables from the manufactured lot of consumables to be supplied to BHEL Bhopal. All the tests mentioned in the TPS shall be carried out at vendor's works using the above mentioned selected quantity of consumables.
At Vendor's works, all of the above mentioned tests (including welding and PWHT) shall be witnessed by BHEL and NPCIL inspectors or the inspection agency as per S. No. 4.4 of TPS and the provision for the same shall be mentioned in the approved QAP.
- 4) The Lot qualification at vendor's works shall be deemed to be accepted only if it meets the requirements for all the tests mentioned in the TPS.
- 5) If the results of any test fail to meet the requirement (as per TPS) during the Lot qualification stage (at vendor's works), that test shall be repeated twice. The results of both retests shall meet the requirement specified in the TPS. If the results of one or both retests fail to meet the requirement, the material under test shall be considered 'Failed during batch qualification at Vendor's works'.
- 6) If the material is considered as 'Failed during batch qualification at Vendor's works' as mentioned above, then the entire lot of manufactured welding consumables will be rejected. In such a case, the vendor will be given maximum one opportunity to manufacture a new lot of quoted welding consumable and repeat all the requirements of batch qualification (as mentioned in this Annexure) with the new lot. The batch qualification at vendor's works shall be deemed to be accepted with the new lot only if it meets the requirements for all the tests mentioned in the TPS.



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		No. of pages: 29 of 29	

In case, the material of the new lot is also considered as 'Failed during batch qualification at Vendor's works' as mentioned in S. No. 5 above then the PO (Purchase Order) shall be cancelled.

- 7) The Supply tolerance can be +1/-1% of the indented quantity.
- 8) The sample quantity of consumables used for lot qualification at Vendor's works will not be added in the indented quantity.
- 9) Based on the successful qualification meeting all the requirements as per the TPS during Lot qualification at vendor's works, dispatch clearance for the bulk quantity of the consumable (whose Lot qualification has been done successfully) will be given. Hence, the vendor shall preserve the bulk quantity of the consumable at his works in good condition till dispatch clearance.
- 10) Wherever ASME is mentioned regarding the test sample preparation and testing requirements, the 2017 edition of the standard is applicable.
- 11) SA 350 Gr LF2 (Base Material) for cladding during lot qualification at vendor's works shall be arranged by vendor on its own. In case SA 350 Gr LF2 material is not available, then the vendor shall propose a material equivalent to SA 350 Gr LF2 to BHEL. In such cases, the further qualification process should start only when the proposal is duly approved by BHEL and its end customer (NPCIL). Correlated Test Certificate of the Base Material shall be furnished by vendor for review before start of cladding. A test coupon shall be prepared by cladding using the selected sample quantity of consumables (as per S. No. 3 of this Annexure) from manufactured lot of the ordered strip and flux combination. On the Base Material test coupon, clad overlay shall be deposited using SAW process in accordance with the parameters given in Annexure-V.
- 12) For Indigenous supply, Chemical composition mentioned at S. No. 6.1 and 6.2 of the TPS, Mechanical tests mentioned at S. No. 6.5 to 6.8 of the TPS and Metallographic examination mentioned at S. No. 6.9 of TPS are to be carried out in NABL accredited laboratory/NPCIL approved lab only. In case of foreign supplier, Chemical composition mentioned at S. No. 6.1 and 6.2 of the TPS, Mechanical tests mentioned at S. No. 6.5 to 6.8 of the TPS and Metallographic examination mentioned at S. No. 6.9 of TPS are to be carried out in Labs meeting the requirements as per National / International standards like ISO 9001 or ISO/IEC 17025 etc. or lab accredited by their respective national agencies.