

TENDER DETAILS

<i>ENQUIRY No.</i>	2612100025	<i>ENQUIRY DATE</i>	10.04.2021
<i>DESCRIPTION</i>	SMAW ELECTRODE FOR T92/P92 2.5 MM	<i>DUE DATE</i>	10.05.2021

Item Sl. No.	Description	Unit	Quantity
10	SMAW ELECTRODE FOR SA213T92 AND SA335P92 WELDING. SIZE: DIAMETER 2.5mm AND LENGTH 300/350mm. Mention the diameter and length of electrode, brand name of electrode in the technical offer. The Chemical composition of as deposited weld metal shall be as follows: C (0.08-0.13%), Mn (0.35-1.20%), P (0.01% max), S (0.01% max), Si (0.15-0.30%), Cr (8.5-10.0%), Mo (0.30-0.60%), W (1.50-2.00%), Cu (0.25% max), Ni (0.60% max), V (0.15-0.30%), Nb (0.02-0.05%), N (0.04-0.07%), Al(0.015%max), B (0.002-0.006%), Ti (0.01% max), Zr (0.01% max). Sn+Sb+As to be equal or less than 250 PPM and Single Element(Sn/Sb/As) value to be equal or less than 120 ppm. Ni +Mn to be equal or less than 1.2% When Nitrogen (N) is supplied below 0.04 the following equation shall be satisfied: N to be equal or more than (0.52*Al + 0.032)	Kg	3100

	The test certificate shall contain the following results after actual tests done: 1. Actual Chemical Composition of as deposited weld metal meeting the chemical composition as above. 2. Guaranteed Mechanical Properties (Tensile Strength: 620MPa (minimum), Yield Strength: 530 Mpa (minimum), % Elongation: 17%, Impact energy at +20 degree Celsius for 2 hours: 40J (minimum). 3. Actual Hardness of weld metal (202 HV to 320 HV) 4. PWHT 760 degree Celsius for 2 hours. Soaking condition: 1 hour per 25mm of the thickness of the weld with 30-minute minimum hold time. All other requirements shall be as per ASME Sec IIC SFA 5.5/5.5M and Annexure-I.		
	<u>Tender note:</u> i) <u>Pre-Qualification Criteria</u> The bidder shall meet the Pre-Qualification Criteria, without which the offer will not be considered for evaluation. i) <u>Bidder has to submit Annex-II (mandatory) with company seal & sign to consider the offer.</u>		

ATTACHMENTS:

Annexure-I - Technical Requirements

Annexure-II - Terms and Conditions of the Enquiry

Annexure-IV – Commercial details

Annexure-V – Pre Qualification Criteria

Annexure – B – Make in India Format

"LD clause has to be confirmed without fail." The bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants /service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://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.

ANNEXURE-I

1.0 COVERING:

The core wire and covering shall be free of defects and shall ensure uniform deposition of weld metal. The flux coating shall be uniform and concentric around the core wire such that the performance of welding is not affected in any position and no tapered burning of electrode is permitted. Covering shall not exhibit any cracking during welding at maximum current recommended by manufacturer. The electrode shall not become red hot upon continuous welding through the length of electrode.

2.0 ARC END AND GRIP END:

Requirement for the grip end of each electrode are specified in 3.3.1 of AWS A5.02/A5.02M:2007.

Requirement for the arc end of each electrode are specified in 3.3.2 of AWS A5.02/A5.02M:2007.

3.0 IDENTIFICATION:

All electrodes shall be identified by providing at least one imprint of the electrode classification near the grip end. The numbers and letters of the imprint shall be bold block type and size shall be large enough to be legible.

The ink used for imprint shall provide sufficient contrast with the electrode coating such that the imprint shall remain legible even after drying and welding. All electrodes shall be identified (imprinted) as specified in 3.4.1 o 3.4.4 of AWS A5.02/A5.02M:2007.

4.0 PACKAGING:

A standard quantity of electrodes with the net weight of each package not exceeding 5Kg shall be packed in hermetically sealed containers or moisture proof cardboard with polythene encapsulated packets.

Electrode packets shall be shipped in wooden crates lined with waterproof material. Net weight of each crate shall not exceed 1000Kg.

5.0 MARKING OF PACKAGES:

The package shall be marked clearly with brand name, classification, lot number, manufacturer name, size and quantity of electrodes with net weight, health and safety warnings.

6.0 CERTIFICATION AND TESTING:

- 6.1 Batch or Lot classification shall be Class C1 as per Section 4.3.1 of SFA-5.01 Filler metal procurement guidelines of ASME Sec.II. Part C.
- 6.2 The level of testing shall be Schedule K as per Section 5.6 of SFA 5.01 Filler metal procurement guidelines of ASME Sec.II. Part -C.
- 6.3 Three copies of original Certified Material Test Report (CMTR) in English countersigned by Inspecting Authority approved by IBR for country of origin (to be concurred by BHEL) giving details about tests in compliance with this purchase instruction and Technical specification shall be sent. In addition, CMTR shall contain purchase order number with date, quantity and customer name.

Annexure-II

BHARAT HEAVY ELECTRICALS LIMITED

(A GOVT.OF INDIA UNDERTAKING)

HIGH PRESSURE BOILER PLANT

TIRUCHIRAPPALLI-620 014

Enq No:

TERMS AND CONDITIONS OF THE ENQUIRY (TWO PART BIDS)

SL NO	Description	Vendor's Acceptance						
1.	SCOPE OF SUPPLY: i) Supply shall be made strictly as per the Technical specifications mentioned in the Enquiry ii) All documents and certificates as per specifications shall be submitted during order execution. iii) Deviation, if any, shall be clearly mentioned in your offer. iv) Supply of extra quantity is not permissible.							
2.	Pre-Qualification requirements (PQR) 1. Bidder shall be a manufacturer of Welding Consumables / an authorized dealer of Welding Consumables. If the offer is quoted by agent, letter of authorization and agreement duly signed by the manufacturer is required to consider the offer. 2. Welding Consumables brand name shall be provided along with offer 3. Mill address shall be provided along with offer. 4. Suppliers shall submit manufacturing process flow chart (Raw material to finished product) along with offer. 5. Suppliers shall submit a valid ISO 9001 certificate or Quality management system certificate or Write down procedure. 6. Creep data shall be provided for the quoted SMAW Welding Consumables. <table border="1" style="margin-left: 40px;"> <tr> <td>Testing hours (minimum)</td><td>Testing Temperature (oC)</td><td>Stress Value (Mpa)</td></tr> <tr> <td>1000</td><td>600</td><td>120</td></tr> </table> 7. Bidder shall confirm to Technical specification and Annexure-I	Testing hours (minimum)	Testing Temperature (oC)	Stress Value (Mpa)	1000	600	120	
Testing hours (minimum)	Testing Temperature (oC)	Stress Value (Mpa)						
1000	600	120						
3.	The tender will be operated on Two part bids basis i.e. Part I -Techno-Commercial Bid & Part II- Price Bid NIC PORTAL (https://eprocurebhel.co.in) ONLY.							
4.	Part-I Techno-Commercial Bid : It contains Technical details, specifications, commercial terms and conditions Taxes, delivery terms, delivery schedule, validity of offer, payment terms (except price details), acceptance for LD clause, RP clause etc. as per ANNEXURE-II.							
5.	Part-II Price Bid : It contains the input form for quoting price for all the enquired items in NIC (https://eprocurebhel.co.in).							
6.	This Tender is hosted in EPS portal & offer to be submitted through EPS portal only. You are requested to submit your 2 parts offer before due date & time given in RFQ through NIC (https://eprocurebhel.co.in) only.							
7.	Tender should not be addressed to any individual's name / designation.							
8.	Attached documents/tenders should be free from CORRECTION AND ERASURES. Any correction in any attached document should have been attested. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored							

9.	Please submit point wise compliance to our specifications, terms and conditions. Otherwise it will be presumed that you are accepting BHEL's terms and conditions. Please ensure that all terms & conditions are filled. Commercial terms agreed in Part-1 Techno commercial Bid table of NIC portal is final, anywhere else mentioned will not be considered..	
10.	Offer(s) received after due date and time as mentioned in EPS portal will not be considered under any circumstances.	
11.	If the due date of tender opening happens to be a holiday, those tenders will be opened on future working day for which corrigendum will be issued.	
12.	Documents submitted with the offer shall be signed and stamped in each page by authorized representative of the bidder	
13.	The bidder shall submit his response through bid submission to the tender on EPS website at https://eprocurebhel.co.in . The bidder would be required to register on the EPS website at https://eprocurebhel.co.in and submit their bids online. SEALED COVER BIDS / E-MAILS / FAX / MANUAL OFFERS WILL NOT BE ACCEPTED	
14.	Normally offer to be submitted within due date only. Any tender due extension request to be given on or before 48hrs of due date & time	
15.	Validity of quoted rates should be maintained minimum for 120 days from the date of Tender opening for ordering (Technical Bid). The quoted/Finalized rates shall be Firm till completion of the supplies	
16.	<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 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."	
17.	<u>DELIVERY TERMS:</u> <u>For Foreign Bidders:</u> Bidders should submit their offer for CFR / Chennai Seaport basis with freight break up details. PORT OF LOADING SHOULD BE INDICATED WITHOUT FAIL. PORT OF DISCHARGE should be CHENNAI SEAPORT. <u>CONTAINERIZED CARGO</u> For CFR terms, moved through CONTAINERS (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILO (LINER IN LINER OUT) basis including extra charges, if any, like Container Imbalance Charges, Trade Imbalance charges or any other charges payable to the Liner. No other charges other than the quoted Freight rate will be paid by BHEL excepting applicable Terminal Handling Charges, Container cleaning Charges, DO charges to Shipping Liner at Discharge Port. 14 FREE DAYS FOR Container detention shall be provided. If any deviation is taken by Tenderer, a loading of 22% on the freight rate per MT shall be considered by BHEL for arriving at the Total Landed Cost. In case of shipment through Containers on CFR basis, the BL should bear the endorsement that "14 free days for Container Detention is applicable". Place of delivery – Chennai Seaport should be clearly specified in the Bill of Lading. <u>BREAKBULK CARGO</u> For CFR terms, moved through BREAK BULK BASIS (Suppliers should clearly specify this in their offer) it would be presumed by BHEL that the freight charges quoted is on LILO (LINER IN LINER OUT) basis. Place of delivery – Chennai Seaport should be clearly specified in the Bill of Lading. <u>For Indigenous Bidders:</u> The rates are to be quoted on F.O.R. BHEL TRICHY STORES / BHEL THIRUMAYAM STORES (Refer Enquiry for delivery locations) basis ONLY which includes Packing & Forwarding charges, Freight & Insurance charges. All the items should be supplied at our STORES, BHEL –TRICHY / THIRUMAYAM (wherever applicable) at your own cost. Offers with any other delivery conditions is not acceptable. <u>IMPORTANT NOTE:</u> Delivery condition like Ex-works / Ex-go down / Transportation of materials through transport carriers from your works up to the transport carrier's office at TRICHY OR THIRUMAYAM wherever applicable and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us).	

18.	<u>Payment Terms</u> <u>1). For Indigenous (Non-MSE) Bidders:</u> ○ Payment term is “100% direct EFT payment after 60 days from the date of receipt and acceptance (supply, installation & successful commissioning of the system, wherever if applicable) of materials at BHEL TRICHY or THIRUMAYAM STORES wherever applicable”. ○ Any deviation in the above payment terms, any other conditions in payment terms or any other Payment Terms will not be accepted and offer will not be considered. ○ <i>Payment term is 100% direct EFT payment after 60 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period, wherever necessary.</i> ○ The duplicate copy of the invoice meant for the transporters should accompany the material as stipulated under C.E. rules 52a and 173c (or) 57gg. A Photostat copy of the above invoice for each Delivery Challan should be submitted along with the original bills routed through bank or submitted directly to BHEL. <u>2) For Imports:</u> ○ BHEL Payment term is 100% payment on CAD basis after 60 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account. ○ If supplier insists for LC, only Usance LC with 60 days' credit will be opened one month prior to material readiness, further loading will be considered @ 1.5% on the offered value. Hence supplier shall intimate the material readiness accordingly for opening of LC. LC validity period will be 90 days and for any extension, applicable charges will be to supplier's account. ○ Any deviation in the above payment terms, any other conditions in payment terms or any other Payment Terms will not be accepted and offer will not be considered. <u>3). New Suppliers:</u> ○ For new suppliers not registered with BHEL Trichy for the product, payment shall be made 60 days after receipt and acceptance of materials.	
19.	<u>Liquidated Damages / Penalty: -</u> The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' (E&C wherever if applicable) will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C' (E&C wherever if applicable). Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value. ** In case of single delivery date, Order should be completed 100% for processing the bill, otherwise LD will be calculated based on Total PO Value restricted to Max % as mentioned in the PO Condition column Material Despatched after Due date: Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date. The rate of LD for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C). Penalty on delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. Penalty will be considered separately for 'Supply' and 'E&C'. The rate of penalty for delayed Supply shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in supply subject to a maximum of 10% of total PO value (Supply + E&C). The rate of penalty for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C). Maximum penalty for delay in Supply and E&C together shall be limited to 10% of total PO value (Supply + E&C). For staggered delivery schedule (if BHEL accepts), LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value. Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).	

20.	<u>RISK PURCHASE:</u> The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the previous supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The supplier shall be liable for any loss, which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in our LD clause. Risk Purchase clause will be applicable. Deviated offers with non-acceptance of Risk Purchase clause will lead to rejection of offer.	
21.	<u>PREFERENTIAL DELIVERY:</u> (Applicable in the case of BHEL's Enquiry specifies Preferential Delivery in the Special Instructions) It should be noted if a contract is placed on a higher tendered as a result of this invitation to tender in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay to the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R destination, including all elements of freights, Sales tax, duties and other incidents, incidental in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and incorporated in the contract, such difference amount in addition to penalty at the rate mentioned in our LD clause.	
22.	<u>Make in India:</u> Foreign bidders can also participate in this Tender. (Any restrictions for the same, if found anywhere within Tender shall be ignored) i) For this procurement, Public Procurement (Preference to Make in India), order 2017 dated 15.06.2017, 28.05.2018 & 04.06.2020 issued by DPIIT and subsequent orders issued by the respective Nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. ii) In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable. iii) Default margin of purchase preference shall be 20% to local suppliers with default minimum local content of 50%. iv) "For this procurement, the local content to categorize a supplier as Class I local supplier/ Class II local Supplier/ Non- Local supplier and purchase preference to Class I local supplier, as defined in Public Procurement (Preference to make in India), Order 2017 revision dated 04.06.2020 issued by DPIIT. v) 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 his NIT" vi) For more details, pls. refer the Public Procurement (Preference to Make in India), order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective Nodal ministry.	
23.	BHEL reserves its right to reject a tender due to unsatisfactory past performance in the execution of a contract at any of BHEL projects / Units	
24.	If Guarantee / Warranty period is applicable as per tender specification, No deviation is permitted and deviated offers are liable for rejection	
25.	Supplier has to ensure quoting of price very carefully in EPS PORTAL to avoid any discrepancies	
26.	While quoting price, it will be ensured that all terms & conditions as per GST act is followed.	
27.	<u>TAXES AND DUTIES:</u> GST IN no, HSN CODE, GST rate for each items are to be quoted.	
28.	On the due date of tender opening, the technical bids will be opened . Bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points	
29.	After tender opening Technical scrutinisation of the offers will be done.	
30.	Bidders has to meet our technical specification and PQC is essential for consideration of their offer.	
31.	Tender evaluation will be carried out on the basis of Technical Specifications and Commercial Terms and Conditions specified in the tender documents and changes thereof (if any) will be communicated to all bidders	

32.	For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified.	
33.	The correspondence between the bidder and BHEL through email is considered as valid document Legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties. If any discrepancies found in the Techno-commercial bid and price bid, the final terms will be finalised after clarification sought through mail/EPS portal by BHEL will be considered.	
34.	Cost Evaluation: Offer will be evaluated on individual item basis. Evaluation will be done on the basis of "Landed cost to BHEL TRICHY STORES or THIRUMAYAM wherever applicable". BHEL will consider the ranking after the loading is applied as referred above, wherever deviations are observed Ranking (L-1, L-2 etc.) will be done only for the Techno-Commercially acceptable offers. Normally BHEL reserves the right to place order for individual items with different vendors. At special circumstance ranking shall be done on compatible basis which will be indicated through Enquiry special instruction General Notes.	
35.	In the event of more than one vendor becoming L1 for any of the item / items, the enquiry quantity for those item / items will be shared equally among all the L1 vendors.	
36.	If the quoted prices by the L1 suitable vendors for net cash out flow to BHEL is same and quantity splitting is not feasible, in such case revised price bid may be asked from those respective suppliers for the respective item/items. (Wherever, if applicable)	
37.	BHEL reserves the right to increase or decrease the tender quantity and split up the tender quantity among more than one vendor at the lowest acceptable price to BHEL and place order accordingly in any proportion at our own discretion	
38.	Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever. (Wherever if applicable)	
39.	BHEL reserves the right to negotiate or re-float the tender opened, if L1 price is not the lowest acceptable price to BHEL due to inter-alia other reasons. (Wherever if applicable).	
40.	IMPORTANT NOTE: BHEL will consider the ranking after the loading is applied as referred above wherever deviations observed in Payment Terms & LD clause.	
41.	Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted by purchaser in written will not be applicable to the contract	
42.	<u>Special Provisions for Micro and Small Enterprises (MSE)</u> The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government. 25% of the tendered quantity is earmarked for MSE suppliers in this tender. Out of the 25% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. Also 3% shall be earmarked for procurement from MSE owned by women (Such enterprise will have to submit relevant document for proof of women ownership) (Note: vendor need to go through General Note of tender condition also for any special instruction & deviation from above.) In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.	

	<u>UDYAM Registration</u> As per Gazette Notification no. S.O. 2119(E) dated 26.06.2020 issued by Ministry of MSME regarding change in definition of Micro, Small & Medium Enterprises (MSMEs) applicable w.e.f. 01.07.2020, you are hereby requested to obtain 'UDYAM Registration' and submit the same. Non submission of such documents will lead to consideration of their bid at par with other bidders. In case any improper / lack of documents is there, vendor on their own interest may submit all the relevant documents as stated above before tender opening. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before tender opening. Documents should be notarized or attested by a Gazetted officer for consideration of MSE certificate. " Such Micro/Small Enterprises registered vendors must state the sub-category to which they belong and submit documentary proof for the same. The sub-categories: (a) Enterprises owned by Scheduled Castes. (b) Enterprises owned by Scheduled Tribes. (c) Enterprises owned by Women (d) Enterprises owned by other than above two categories The enterprises under (a), (b) & (c) means the proprietor in case of single owned firm and all partners in case of partnership firm and all directors in case of private/public limited must belong to SC/ST category or women (Such enterprise will have to submit relevant document for proof of SC/ST or women ownership category) (Note: vendor need to go through General note Of tender condition also for any special instruction & deviation from above.) If more than one valid MSE supplier stands with in rage of L1+15% range, 25% of quantity will be shared till quantity split is feasible & rest of 25% will be awarded to lowest quote of valid MSE supplier. Note: Wherever for splitting of order, if splitted quantity comes out <1, the splitting of order will not be feasible. (For MSE vendors). Further updates or any changes will be taken decision according to MSE procurement policy. Traders will be excluded from the above MSE benefit as per MSE public procurement policy. In order to get MSE benefit, MSE supplier will have to submit the UDAYAM RIGESTRATION CERTIFICATE and will be considered after updating in BHEL. Payment for MSE Indigenous eligible vendors will be as per MSMED Act 2006 subject to fulfilment of above procedure.	
43.	Equipment will be inspected and proved at vendor's works prior to dispatch, if applicable as per tender condition. However final inspection and acceptance of equipment will be after installation at BHEL,TRICHY or THIRUMAYAM wherever applicable	
44.	<u>PACKING AND MARKING:</u> The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit. (Wherever if applicable).	
45.	Erection / commissioning charges , if applicable as per tender condition will be clearly mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer	
46.	Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, TRICHY or THIRUMAYAM basis	
47.	The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
48.	In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent. (For import supplies)	

49.	<u>ARBITRATION:</u> All disputes or differences whatsoever which may arise at any time during execution of the Contract shall be mutually settled by BHEL Trichy and Vendor as per provision of the Contract. However, in the event such disputes cannot be settled mutually, such disputes shall be settled as per the Arbitration and conciliation Act, 1996 of the Govt. of India and its subsequent amendments. In case of disputes with the Central PSUs, the same shall be settled at Tiruchirappalli as per the Guidelines of the Govt. of India. However, during the period such disputes are settled either by mutual discussions between the parties or by legal means, Vendor shall continue to do the work as per terms & conditions of Contract. Any dispute arising out of or in connection with this Agreement shall be finally settled by binding arbitration in accordance with the Arbitration and Conciliation Act, 1996 as may be amended from time to time. Executive Director / BHEL, Trichy – 620 014 or his authorized representative shall be the Sole Arbitrator and his decision shall be final and binding on both the parties. The place of arbitration shall be Tiruchirappalli, and the language shall be English. The courts at Tiruchirappalli shall have exclusive jurisdiction on any dispute arising out of or in connection with this Agreement, if intervention of court is warranted, subject to the arbitration provided above.	
50.	<u>FRAUD PREVENTION POLICY:</u> The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://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	
51.	<u>IN THE EVENT OF FORCE MAJEURE:</u> - Notwithstanding the provisions contained in other clauses, the supplier shall not be liable for imposition of any such sanction so long the delay and/or failure of the supplier in fulfilling its obligations under the contract is the result of an event of Force Majeure. For purposes of this clause, Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable and not brought about at the instance of the party claiming to be affected by such event and which has caused the non – performance or delay in performance. Such events may include, but are not restricted to, wars or revolutions, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes excluding by its employees, lockouts excluding by its management, freight embargoes and Acts of GOD. - If a Force Majeure situation arises, the supplier shall promptly notify the Purchaser/Consignee in writing of such conditions and the cause thereof within twenty-one days of occurrence of such event. Unless otherwise directed by the Purchaser/Consignee in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event. - If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of Force Majeure for a period exceeding sixty days, either party may at its option terminate the contract without any financial repercussion on either side. - In case due to a Force Majeure event the Purchaser/Consignee is unable to fulfil its contractual commitment and responsibility, the Purchaser/Consignee will notify the supplier accordingly and subsequent actions taken on similar lines described in above sub-paragraphs	
52.	<u>General condition:</u> - Bids including all enclosures and supporting documents like catalogues, pamphlets, etc., shall be submitted / uploaded in ENGLISH language only. If the documents submitted have other than English language, translation of the same shall be provided for evaluation. - In addition to TCs in relevant IBR forms corresponding mill TCs should also be provided. Two sets of original and one copy of all such TCs are to be provided to BHEL, Trichy. Acceptance of Test Certificates by BHEL before dispatch is must. - We require the delivery of the welding consumables/Accessories to be as per the dates mentioned against the individual items in the enquiry. - No revision of prices will be entertained after the tenders are opened. - Lowest price received against BHEL tenders need not be the technically acceptable one and in that case, BHEL reserves the right not to consider the same. - BHEL reserves the right to negotiate L1 rate or re-float the tender opened if L1 price is not the lowest acceptable price to them inter-alia other reasons. - In the event of our customer order covering this tender being cancelled / placed on hold / otherwise modified, BHEL would be constrained to accordingly cancel / hold / modify the tender / purchase order at any stage of execution. - L1 will be arrived based on Landed cost to BHEL- Trichy. - No payment will be made for the excess quantity - Offers for part quantities on item level basis are not acceptable to BHEL. While tenderers can quote for some or all the tendered items, no supplier shall quote for partial quantity of any given enquiry item. Such partial offer would not be considered in the enquiry for that item - All documents submitted with the offer shall be signed and stamped in each page by Bidder/authorized representative of the bidder. - Offer should be submitted only as per Unit of Measurement (UOM) specified in enquiry. - The offers of the bidders who are on the banned list as also the offer of bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on the BHEL website -www.bhel.com. In order to protect the commercial interests of BHEL, it becomes necessary to take action against suppliers / contractors by way of	

	suspension of business dealings, who either fail to perform or are in default without any reasonable cause, loss of business / money / reputation, indulged in malpractices, cheating, bribery, fraud or any other misconducts or formation of cartel so as to influence the bidding process or influence the price etc. Guide- lines for Suspension of Business Dealings with Suppliers / Contractors shall prevail over which is available at BHEL website http://www.bhel.com. n) BHEL has the right to test the materials at BHEL works, if required. If supplied materials are found not acceptable, then BHEL will inform to re-supply the materials as per tender specification mentioned in Purchase Order. If any subsequent failure of not meeting the tender specification, RISK PURCHASE is applicable for the full P.O quantity. Further action will be followed as per SBD (Suspension of business dealings) with Suppliers/Contractors which is available in www.bhel.com Main Menu.	
53.	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 web site www.bhel.com .	
54.	The quality of the supplies should strictly conform to Technical specifications applicable for the item. The offer should specifically confirm this	
55.	If any quality problem is pointed out by any BHEL unit w.r.t. supplied material, the same shall be settled and corrected immediately with the concerned BHEL unit, by the supplier. If the material cannot be accepted by BHEL, supplier has to replace the material with no extra cost. Collection of rejected material will be sole responsibility of the supplier. If there is any failure by the supplier to settle such quality problems, the matter will be considered very seriously and appropriate penal action may be initiated against the respective supplier	
56.	Bidders have to confirm that, whether they have been black-listed / kept on hold / given Business holiday for a specified period by any Public Sector Undertaking or Government Departments/any other units of BHEL. The reasons for such action with details and the current status of such hold shall be clearly furnished to BHEL. If no such details are mentioned in the offer, it will be construed that the bidder is not under any such hold. However, at a later date if it comes to the notice of BHEL about any such hold under enforcement, BHEL reserves the right to reject the offer at any point of time and also under any stage of the finalization of the tender. Such bidders will not be permitted to participate in the further tender proceedings and will be communicated suitably.	
57.	BHEL shall be at liberty to accept/cancel the tender, part or in full, at their discretion without giving any reason	
58.	Unloading at BHEL Unit / Site has to be done by the SUPPLIERS only. BHEL will not be in a position to provide any handling / unloading facilities.	
59.	The supplier shall arrange for securely protecting and packing the material to avoid loss or damages during transit.	
60.	There is no minimum quantity for placement of purchase order.	
61.	BHEL shall be at liberty to cancel the requirement as per tender partially or fully at any stage, without giving any reasons partially or fully.	
62.	In case of receipt of order vendor will need to send consignment/material as indicated in PO. In case of dispatch by courier/ Lorry kindly put/paste the Delivery challan (extra copy) on the top of packed consignment box & another copy of DC inside the box. Consignment should be forwarded to the PO consignee address only along with extra/Xerox copy of invoice (wherever applicable). It should be supported with Delivery challan copy. (Kindly do not forward any consignment to purchase dept. or do not address the consignment to the name of any official)	
63.	Vendor's confirmation for any terms & conditions should be uniform throughout the offer. In case any discrepancies is found in the quoted terms & conditions & Vendor's own format of quotation BHEL reserves the right to consider terms mentioned in Annexure-II.	
64.	Vendor may View Bill Status in www.bheltry.co.in -> materials management systems - > login id - Vendor Code and Password	
65.	<u>For the New vendors-</u> In case of ordering bills against the PO shall be processed only on receipt of the following: - Send the hard copy of EFT Format (will be informed at the time of PO) duly filled-in in a Single Page with all the certification formalities by you & your bankers - One Cancelled cheque of your account (from the concerned bank) must be sent. - The Vendor's code as per PO & address must be as per billing address mentioned in PO.	

66.	If winning bidder who gets the order are unable to login or still if you have any difficulty kindly let us know.	
67.	Authorization for participation in EPS portal through DSC: E-Tender. Participation requirements: Either Principal or authorized agent shall register their Digital Signature Certificate (DSC) (Class 3- SHA2- 2048 BIT-SIGNING & ENCRYPTION). Suppliers are advised to go through the FAQ available in the web portal (https://eprocurebhel.co.in). DSC shall be registered for the authorized person and all transaction done using that DSC against our tenders shall be taken as valid communication and shall be binding on principal/agent and is valid legally. For foreign Principal In case of Principal (being foreigner), they may apply for DSC through Indian embassy at their country and can register with us for participating in E-tenders. Details of the applicable procedure is available in the webpage http://www.cca.gov.in/ccal. For Indian agent In case of agents participating/registering their DSC (of authorized person), it will be at the sole authorization of principal to their agents to participate on their behalf and all transactions done using that DSC against our tenders shall be known as valid communication and shall binding on principal and is legally valid.	
68.	Since GST is implemented, the taxes & duties will prevail as per the government notification/ guidelines. Our Provisional GST registration no. 33AAACB4146P2ZL. However, it will be mandatory to confirm from BHEL for this mentioned GST no. Suppliers may quote their GST no with valid proof in the quotation. Also before quoting of tender it is suggested to consider all the factors before quoting the tender in line with GST guidelines for input tax credit to arrive ranking of quoted suppliers.	
69.	GST compliance for Indigenous suppliers: - In Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration no which should clearly have mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. - Supplier shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc. - All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code). - A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL. - All documents like Mill Test Certificate, LR copy, Guarantee/Warranty certificate, work completion certificate, any other document mentioned in PO, shall be sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle. In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so. - In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the suppliers, within the calendar month notified by BHEL. - For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) along with penalty if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills. - Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contractors. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number. - This is to inform that GST portion of invoice, shall be released only upon Vendor declaring such invoice in his GSTR-1 and receipt of goods and Tax invoice by BHEL and Confirmation of payment of GST thereon by vendor on GSTN portal. Alternatively, BG of appropriate value may be obtained from vendor which shall be valid At least one month after the confirmation of date of payment of GST by vendor on GSTN portal and receipt of Tax invoice and receipt of	

	goods, whichever is later. Above is subject to receipt of goods/service and tax invoice thereof along with vendor declaring invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL. j. That in case vendor delays Declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied/ leviable on BHEL.	
70.	<u>Tender terms for GST in line with new GST Return System:</u> For supplies after implementation of New GST Return System i.e. from 01/10/2019, the following conditions will apply and supplier shall fully comply to the below points. <u>Indigenous suppliers:</u> <i>Response to Tenders for Indigenous supplier will be entertained only if the vendor has a valid GST registration No (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GST portal. The dealer has to submit necessary documents if there is any change in status under GST.</i> <i>Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No. which is linked/uploaded in GSTN network shall be clearly indicated), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc.</i> <i>All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).</i> <i>Invoices will be processed only upon completion of statutory requirement and further subject to following:</i> <i>Vendor declaring such invoice in Form GST ANX-1</i> <i>Receipt of Goods or Services and Tax invoice by BHEL</i> <i>As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on despatch of material /rendering of services. The supplier shall ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2).</i> <i>In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.</i> <i>In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-08 or Form GST RET-01 to be submitted) within stipulated time, then GST paid on the invoices pertaining to the month for which GST return not filed by the vendor will be recovered from the vendor along with the applicable interest (currently 24% p.a) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor</i> <i>In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.</i> <i>Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.</i> <i>Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contracts. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Tax Invoice will be issued by BHEL indicating the respective supply invoice number.</i>	

	<i>GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, will be issued to the vendor.</i>	
71.	<u>Imports and Input Tax Credit (ITC):</u> In GST regime, input tax credit of the integrated tax (IGST) and GST Compensation Cess shall be available to the importer and later to the recipients in the supply chain, however the credit of basic customs duty (BCD) would not be available. In order to avail ITC of IGST and GST Compensation Cess, an importer has to mandatorily declare GST Registration number (GSTIN) in the Bill of Entry. Provisional IDs issued by GSTN can be declared during the transition period. However, importers are advised to complete their registration process for GSTIN as ITC of IGST would be available based on GSTIN declared in the Bill of Entry. Input tax credit shall be availed by a registered person only if all the applicable particulars as prescribed in the Invoice Rules are contained in the said document, and the relevant information, as contained in the said document, is furnished in FORM GSTR-2 by such person. Customs EDI system would be interconnected with GSTN for validation of ITC. Further, Bill of Entry data in non-EDI locations would be digitized and used for validation of input tax credit provided by GSTN. Customs EDI system would be interconnected with GSTN for validation of ITC. Further, Bill of Entry data in non-EDI locations would be digitized and used for validation of input tax credit provided by GSTN. Note: In cases where imported goods are liable to Anti-Dumping Duty or Safeguard Duty, calculation of Anti-Dumping Duty or Safeguard duty would be as per the respective notification issued for levy of such duty. It is also clarified that value for calculation of IGST as well as Compensation Cess shall also include Anti-Dumping Duty amount and Safeguard duty amount	
72.	Wherever Service is associated in the tender scope (For cases Service PO is released – Supplier has to pay GST for all charges including transportation, boarding etc.)	
73.	Suppliers will have to fill& send the SRF (Supplier registration form) if applicable.	
74.	BHEL reserve the right for asking sample / drawing approval / Pre-Dispatch Inspection before bulk supply of the materials (If required)	
75.	GST CREDIT: Suppliers are advised to get registered to GSTN portal. Tenderer under "GST credit" shall be preferred	
76.	Pay procedure will be initiated after acceptance of full lot of material & final submission of Bill in line with PO instructions & conditions, GST regulations. Also Pay procedure will be initiated only if the GST return is filed against submitted invoice to BHEL.	
77.	The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action.	
78.	<u>BILL PROCESSING METHOD</u> "Supplier has to ensure the full quantity of material delivery within given PO delivery date to process the bill for payment. In case supplier fails to deliver full quantity within delivery date, bills received after PO delivery date will be processed after final despatch of the total pending supply. Further, bills will be clubbed and forwarded for payment processing as a single bunch".	
79.	For more details please refer to Ref. NIT of BHEL's website http://www.bhel.com (tender notification page) or from the govt. tender website http://tender.gov.in (Public Sector Units Bharat Heavy Electricals Limited page) or CPP portal https://eprocure.gov.in/eprocure/app. <u>Important:</u> All updates, amendments, corrigendum etc., if any will be posted only on the above website as and when required. There will be no publication of the same through any other media.	
80.	For any clarification you can contact to psdevi@bhel.in , mpuja@bhel.in and Contact nos. 0431257-5870/ 0431257-4750	

Vendor's Seal & Signature

ANNEXURE – IV - COMMERCIAL DETAILS**VENDOR DETAILS**

SL NO	DESCRIPTION	To be filled by bidder
1	VENDOR NAME	
2	QUOTATION REFERENCE	
3	QUOTATION DATE	
4	MILL ADDRESS	
5	BANK DETAILS (NAME, ADDRESS, SWIFT CODE, A/C NO.)	
6	TELE, MOBILE NO	
7	CONTACT PERSON	
8	EMAIL ID	
9	ORDER TO BE PLACED ON	
10	ORIGIN OF DISPATCH	
11	GSTIN NO	

Vendor Seal /Sign

COMMERCIAL TERMS

SL NO	DESCRIPTION	Option	To be filled by bidder
1	QUOTATION VALIDITY (120 DAYS) AS PER CLAUSE NO :15 OF ANNEX-II	ACCEPTED / NOT ACCEPTED	
2	DELIVERY TERMS AS PER CLAUSE NO:16 OF ANNEXURE-II	ACCEPTED / NOT ACCEPTED	
3	COUNTRY OF ORIGIN	ACCEPTED / NOT ACCEPTED	
4	MODE OF DISPATCH	ROAD / SEA / AIR	
5	PAYMENT TERMS AS PER CLAUSE NO:17 OF ANNEXURE-II	ACCEPTED / NOT ACCEPTED	
6	DELIVERY SCHEDULE IN NO. OF DAYS / WEEKS FROM THE DATE OF PO	DAYS / WEEKS	
7	CGST SUPPLY IN %	ACCEPTED / NOT ACCEPTED	
8	SGST SUPPLY IN %	ACCEPTED / NOT ACCEPTED	
9	IGST SUPPLY IN %	ACCEPTED / NOT ACCEPTED	
10	HSN CODE for all the items (quote - mandatory)	QUOTED / NOT QUOTED	
11	MSE CATEGORY	MSE / Non MSE	
12	MSE SUB-CATEGORY	MICRO/SMALL / NOT APPLICABLE	
13	LIQUIDATED DAMAGE CLAUSE AS PER CLAUSE NO:18 OF ANNEXURE-II	ACCEPTED / NOT ACCEPTED	
14	RISK PURCHASE CLAUSE AS PER CLAUSE NO:19 OF ANNEXURE-II	ACCEPTED / NOT ACCEPTED	
15	I HAVE THOROUGHLY GONE THROUGH ALL THE TENDER CONDITIONS AND ALL THE DOCUMENTS AND UNDERSTOOD THE ABOVE TECHNO-COMMERCIAL REQUIREMENTS AND QUOTED ACCORDINGLY	ACCEPTED UNCONDITIONALLY / ACCEPTED WITH DEVIATION	

Vendor Seal /Sign

ANNEXURE – V - PRE QUALIFICATION CRITERIA

1. ALL THE POINTS GIVEN BELOW SHALL BE CONFIRMED OTHERWISE OFFER WILL NOT BE CONSIDERED.

2. BHEL RESEVES ITS RIGHT TO REJECT THE BIDDER ON ACCOUNT OF UNSATISFACTORY PAST PERFORMANCE BY THE BIDDER IN AWARDED PURCHASE ORDER.

SL NO	DESCRIPTION	Option	To be filled by bidder						
1	Bidder shall be a manufacturer of Welding Consumables / an authorized dealer of Welding Consumables. If the offer is quoted by agent, letter of authorization and agreement duly signed by the manufacturer is required to consider the offer.	ACCEPTED / NOT ACCEPTED							
2	Welding Consumables brand name shall be provided along with offer.	ACCEPTED / NOT ACCEPTED							
3	Mill address shall be provided along with offer.	ACCEPTED / NOT ACCEPTED							
4	Suppliers shall submit manufacturing process flow chart (Raw material to finished product) along with offer.	ACCEPTED / NOT ACCEPTED							
5	Suppliers shall submit a valid ISO 9001 certificate or Quality management system certificate or Written down procedure.	ACCEPTED / NOT ACCEPTED							
6	Creep data shall be provided for the quoted SMAW Welding Consumables. <table><tr><td>Testing hours (minimum)</td><td>Testing Temperature (oC)</td><td>Stress Value (Mpa)</td></tr><tr><td>1000</td><td>600</td><td>120</td></tr></table>	Testing hours (minimum)	Testing Temperature (oC)	Stress Value (Mpa)	1000	600	120	ACCEPTED / NOT ACCEPTED	
Testing hours (minimum)	Testing Temperature (oC)	Stress Value (Mpa)							
1000	600	120							
7	Bidder shall confirm to Technical specification and Annexure-I	ACCEPTED / NOT ACCEPTED							

TECHNICAL TERMS

ITEM NO	DESCRIPTION	QUOTED/NOT QUOTED (To be filled by bidder)	QUOTED BRAND MAKE (To be filled by bidder)
10	SMAW ELECTRODE FOR SA213T92 AND SA335P92 WELDING. SIZE: DIAMETER 2.5mm AND LENGTH 300/350mm. Mention the diameter and length of electrode, brand name of electrode in the technical offer. The Chemical composition of as deposited weld metal shall be as follows: C (0.08-0.13%), Mn (0.35-1.20%), P (0.01% max), S (0.01% max), Si (0.15-0.30%), Cr (8.5-10.0%), Mo (0.30-0.60%), W (1.50-2.00%), Cu (0.25% max), Ni (0.60% max), V (0.15-0.30%), Nb (0.02-0.05%), N (0.04-0.07%), Al(0.015%max), B (0.002-0.006%), Ti (0.01% max), Zr (0.01% max). Sn+Sb+As to be equal or less than 250 PPM and Single Element(Sn/Sb/As) value to be equal or less than 120 ppm. Ni +Mn to be equal or less than 1.2% When Nitrogen (N) is supplied below 0.04 the following equation shall be satisfied: N to be equal or more than $(0.52 \cdot Al + 0.032)$ The test certificate shall contain the following results after actual tests done: 1. Actual Chemical Composition of as deposited weld metal meeting the chemical composition as above. 2. Guaranteed Mechanical Properties (Tensile Strength: 620MPa (minimum), Yield Strength: 530 Mpa (minimum), % Elongation : 17%,		

	Impact energy at +20 degree Celsius for 2 hours : 40J (minimum). 3. Actual Hardness of weld metal (202 HV to 320 HV). 4. PWHT 760 degree Celsius for 2 hours. Soaking condition: 1 hour per 25mm of the thickness of the weld with 30-minute minimum hold time. All other requirements shall be as per ASME Sec II C SFA 5.5/5.5M and Annexure-1.		
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Vendor Seal /Sign

/ On Bidder's office letter pad /**Self-Declaration**

Enquiry No.	
Enquiry Date	

In line with Government public procurement order Number P-45021/2/2017-B.E-II dated 15.06.2017, and further modified order dt. 28.05.2018 & order 04.06.2020 issued by DPIIT

I / We hereby declare that I / We are a "Local Supplier" meeting the requirement of minimum local content (.....%) defined in the above government notification for the goods against above mentioned enquiry Number.

Details of location at which local value addition will be made is as follows:

Door No.	
Street / Address 1	
Street / Address 2	
District	
State	
Country	
PIN Code	

We also understand that the false declarations will be considered as breach of Integrity and liable for action.

For Company Name:

Seal:

Signature:

Date:

Place:

(Please fill all the yellow color field)