

	<u>ANNEXURE A-(General Commercial Terms and Conditions)</u>
	INSTRUCTIONS AND GENERAL CONDITIONS TO SUPPLIERS FOR QUOTING TENDERS
1	PAYMENT TERMS
	A. FOR INDIGENOUS (NON-MSE VENDORS ONLY) For Stores - Payment term is 100% direct EFT payment after 60 days from the date of receipt and acceptance of materials. For Site - Payment term is 100% direct payment after 60 days from the date of dispatch against site acknowledgement. B. Payment will be processed only after completion of entire quantity in a package (entire quantities in all PO's in a package, subject to the acceptable tolerance as per PO) in the cases of orders finalized on package basis. C. Payment to MSE vendors will be as per MSMED Act 2006. D. Payment Terms (Indigenous vendors- NON-MSE VENDORS ONLY) Any deviation in the above Payment Terms or any other payment term will not be accepted and offers are liable to be commercially rejected.
2	Delivery term: F.O.R / DESTINATION Basis: The quoted Rate shall be inclusive of Packing, Forwarding and Freight. (Ex-Works, Freight to pay basis is not acceptable to BHEL.) Insurance will be on BHEL scope.
3	Validity: 120 days from techno commercial bid opening date. Non-compliance of the same will result in offer being liable for rejection
4	LIQUIDITY DAMAGES
	a) Delivery of the goods specified in the purchase order should be made within the time prescribed. Failure to dispatch the materials in the time as per the delivery quoted in our Purchase Order would make the supplier liable to an un-conditional <i>LD at the rate of 0.5 % of the total purchase order value per week of the delay or part thereof subject to a maximum of 10 % of the total order value.</i> b) Loading Criteria on LD / Penalty: Any deviation on BHEL LD / Penalty clause, loading (Basic material Value) will be applied to the extent to which it is not agreed by the bidder. If LD for undelivered portion is only acceptable then a loading of 10% on Basic Material Value will be applied. c) In the event of PO, the reference date for LD calculation will be date of final inspection Agency's signed Inspection report / Test certificates for Ex-Works & FOB contracts. The reference date for F.O.R contracts will be Invoice date / Lorry way bill date LR date/ Railway Receipt date, whichever is later. <u>POINTS TO BE CONSIDERED FOR DELIVERY DATE EXTENSION:</u> - Technical datasheets/drawings, Quality Plan, (as applicable for the purchase order) to be submitted for BHEL review and approval within 07 days from the PO release date. Any delay from vendor side beyond 07 days will be considered as vendor delay only and the delay period will be deducted from calculated delivery date. - Manufacturing clearance will be issued by BHEL, based on the approval of all type of required documents from customer / BHEL and delivery period will be calculated from the date of manufacturing clearance only.

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	- Inspection notice period: Vendor shall raise inspection call to Third Party Inspection Agency / BHEL at least 1 day, prior to the proposed date of inspection. - After Joint / TPI inspection completion, complete inspection report to be submitted to BHEL for review & acceptance. Upon receipt of complete inspection documents, BHEL will issue the Despatch Clearance within 2 days (excluding the date of receipt). Any delay from inspection agency / issuing dispatch clearance by BHEL - further to the above will be considered for delivery date extension.
5	RISK PURCHASE Deviation is not allowed in this requirement. If any offer is submitted with deviation in Risk Purchase clause, Loading factor is not applicable and that offer will be rejected. If the supplier fails to deliver the goods within the delivery period specified in the Purchase Order, BHEL 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 supplier has failed to deliver or despatch within the delivery period mentioned in the Purchase Order. “Such Risk Purchase clause shall be operated as per the extant BHEL procedures” Risk and Cost against Balance Work: $\text{Risk \& Cost Amount} = [(A-B) + (A \times H/100)]$ Where, A= Value of Balance scope of Work/ Supply (*) as per rates of new contract B= Value of Balance scope of Work/ Supply (*) as per rates of old contract being paid to the contractor/ supplier at the time of termination of contract i.e. inclusive of PVC & ORC, if any. H = Overhead Factor to be taken as 5 In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero). *(Balance scope of work/ supply) Difference of Contract Quantities and Executed Quantities as on the date of issue of Letter for ‘Termination of Contract’, shall be taken as balance scope of Work/ Supply for calculating risk & cost amount. Contract quantities are the quantities as per original contract. If, Contract has been amended, quantities as per amended Contract shall be considered as Contract Quantities. Items for which total quantities to be executed have exceeded the Contract Quantities based on drawings issued to contractor from time to time till issue of Termination letter, then for these items total Quantities as per issued drawings would be deemed to be contract quantities. Substitute/ extra items whose rates have already been approved would form part of contract quantities for this purpose. Substitute/ extra items which have been executed but rates have not been approved, would also form part of contract quantities for this purpose and rates of such items shall be determined in line with contractual provisions. However, increase in quantities on account of additional scope in new tender shall not be considered for this purpose. NOTE: Incase portion of work is being withdrawn, contract quantities pertaining to portion of work withdrawn shall be considered as ‘Balance scope of work/supply’ for calculating Risk & Cost amount.
6	GUARENTEE / WARRANTY PERIOD

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	Guarantee / Warranty Period: 18 months from the date of supply or 12 months from the date of actual put in use, whichever is earlier. Loading Criteria: No Deviation is permitted. If still vendor offered any deviation on the Guarantee / warranty period, it may lead to rejection of offer
7	REVERSE AUCTION – (NOT APPLICABLE AS PER NIT)
	“BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in 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”.
8	GOVERNMENT NOTIFICATIONS ON MSE VENDOR
	i. If L1 vendor is an MSE vendor entire project package will be ordered on L1 vendor. ii. If a Non MSE vendor is coming as L1, then L1 prices will be counteroffered on MSE vendor who is quoting price within the price band L1+15% and if they are agreeing purchase order will be awarded for full/complete supply of total tendered value to MSE. iii. If more than one MSE vendors are available in the L1+15% price band then lowest of the MSE vendor will be selected for counteroffering. If lowest MSE vendor is not accepting, it will be counteroffered to the next MSE vendor in the price band and so on. iv. Finally, if none of the MSE vendor in the price band is not accepting it will be ordered on L1 non MSE vendor. v. Minimum 25% earmarked quantity for MSE vendors (which includes 3% & 6.25% quantity for MSE owned by women entrepreneurs and SC/ST entrepreneurs respectively) will not be followed, as the procurement quantity will be evaluated and ordered as single package MSE suppliers can avail the intended benefits only if they submit along with the offer, attested/notarized copies of either 1. EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or 2. Valid NSIC certificate or EM II certificate along with original of CA certificate (Format enclosed) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limits as per the act for relevant status (MICRO or SMALL) where the deemed validity of EM II is over. MSE suppliers can avail the intended benefits only if they submit along with the offer, attested/notarized copies of either 1. EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or 2. Valid NSIC certificate or EM II certificate along with original of CA certificate (Format enclosed) applicable for the year, certifying quantum of investment in plant and machinery within the permissible limits as per the act for relevant status (MICRO or SMALL) where the deemed validity of EM II is over.

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Date to be reckoned for determining the deemed validity will be the last date of technical bid submission (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders and MSE status of such suppliers shall be shifted to NON MSE suppliers till the supplier submit this documents. Documents should be notarized or attested by a Gazetted officer.

Definitions of MSEs owned by SC/ST is under:

- *In case of proprietorship firm, proprietor must be SC/ST.*
- *In case of partnership firm, the SC/ST partners must be holding at least 51% shares in the unit. □ In case of private limited companies, at least 51% share must be held by SC/ST promoters.*

Authorised Offices to Issue SC/ST certificate.

The caste/Tribe/Community certificate issued by the following authorities in the prescribed form for SCs/STs can be considered.

- District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / 1st class stipendiary magistrate / Sub divisional Magistrate / Taulka Magistrate / Executive magistrate / Extra Assistant commissioner. □ Chief Presidency magistrate / Additional chief presidency magistrate/Presidency magistrate.
- Revenue Officer not below the rank of thasildar.
- Sub-Divisional officer of the area where the individual and / or his family normally resides.

To avail the benefits of MSE under SC/ST category, the related documents as stated above should be submitted along with tender documents. However, this will be made only if vendor submits original of CA certificate applicable for the immediately preceding financial year in the applicable format along with original notarized copies of NSIC/EMII certificates as listed above.

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 as follows:

- Udyam Registration is a new process of MSME Registration launched by the Ministry of Micro, Small and Medium Enterprises on July 1, 2020.
- All existing enterprises registered under EM–Part-II or UAM or any other registration issued by any authority under the Ministry of MSME are required to register again on the Udyam Registration portal (<https://udyamregistration.gov.in>). Such enterprises are required to apply and obtain Udyam Registration on or after 1st July 2020.
- On registration, an enterprise is assigned with a permanent identity number, known as “Udyam Registration Number”. An e-certificate, namely, “Udyam Registration Certificate” will be issued on completion of the registration process.
- The MSE status of existing enterprises registered prior to 30th June 2020 shall be valid only till 31st March 2021. (i.e.) Udyam Registration Certificate is mandatory for all MSME enterprises from 1st April 2021.

7

PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA)
IF APPLICABLE AS PER NIT

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	Preference to Make in India: “For this procurement, the local content to categorize a supplier as Class I local supplier/ Class II supplier /Non- Local supplier and purchase preference to Class I local supplier, is 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”. Indigenous vendors to submit Self-certification in Letterhead indicating the percentage of Local content as per given format. IMPORTANT NOTE - Both “MSMED Act 2006 & Public Procurement (Preference to Make in India) Order 2017, Amendment dt.04.06.2020” will be followed. In case of clash between these two guidelines, preference will be given to “Public Procurement (Preference to Make in India) Order 2017, Amendment dt.04.06.2020”
8	GST (For Indigenous Suppliers) 1. 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. 2. 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. 3. All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code). 4. Invoices will be processed only upon completion of statutory requirement and further subject to following: Vendor declaring such invoice in Form GST ANX-1 Receipt of Goods or Services and Tax invoice by BHEL 5. 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). 6. 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. 7. 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

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	24% p.a) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor. 8. 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. 9. 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. 10. 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. 11. 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. 12. Our GST No. 33AAACB4146P2ZL
	BEFORE PURCHASE ORDER/ ENQUIRY STAGE
	a. QUOTING OF PRICES - Price shall be quoted for Tender specification (including all Annexures / documents). Price impact will not be allowed for the bidders after opening of technical bid within the validity period unless there is any change made by BHEL in the tender specification. Not quoting any of the items in a package specified in enquiry (in technical or price bid) will lead to summary rejection of offers. b. <u>Document Submission: Along with the offer:</u> - Sub-delivery enquiry deviation format. - Signed Annexure-A- Commercial terms and conditions. Else, it will be considered that vendor has fully accepted BHEL's Commercial terms and conditions. - Unpriced offer submitted through EPS shall contain minimum of above documents, without which offer will be summarily rejected. - If MSE vendor, please attach UAM Copy along with latest FY CA Certificate or Udyam Registration Certificate. Vendors who have registered themselves as MSE, cannot claim the benefits unless they submit the above valid documents along-with the EPS offer for each tender; failing which vendor shall not claim MSE benefits. (N/A for Foreign vendors). - All the technical documents which have been attached along with our enquiry i.e Specification, Drgs, QP, Packing Procedure, Data Sheet etc, signature to be endorsed on all pages with company seal. c. TECHNICAL DEVIATION: - Applicable Data sheet / technical / Quality documents / Testing requirements / Packing procedures as referred in the specification / Quality Plan relevant for this enquiry to be strictly followed. - Any deviation on technical/QP/packing requirements shall specifically be indicated in the "sub delivery enquiry deviation format" attached along with the enquiry. Deviations / clarifications declared elsewhere will not be evaluated. Also, any deviations from the commercial terms and conditions shall be clearly spelt out in this format itself. Deviations / clarifications declared elsewhere will not be evaluated. Deviations taken, if any, by vendor as per our requirement above shall be clearly got accepted by BHEL in writing during enquiry stage itself.

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	- Requirement as above will be binding on all suppliers who submits offers and comments/ deviations on this clause will not be allowed. Deviations on this requirement will lead to rejection of offer itself. - In the event of an order no deviations, unless accepted clearly by BHEL in writing during enquiry stage will be entertained and all other techno-commercial requirements will be binding on successful bidder and failure to execute the terms will lead to disciplinary action by BHEL against the said bidder. d. Any query during enquiry stage shall be replied within 7 days. e. Technical / commercial clarification, if any, will be initiated through EPS / email. Vendor to respond to the clarifications <u>within 3 working days</u>. If the vendor fails to respond, even after <u>three reminders</u>, then the vendor will be considered as non-responsive and is liable to be rejected. Please note that EPS generates auto email whenever clarification / tender event is scheduled. Vendor to keep track and respond immediately. If it is observed that vendor gives confirmation to commercial terms & conditions specified in this Annexure and gives different terms & conditions in the unpriced bid / offer documents, which will not be accepted. Only Annexure-A will be considered.
10	AFTER PURCHASE ORDER
	- PO Acknowledgement: Within 5 days from the date of receipt of scanned PO copy through email. - Technical datasheets/drawings, Quality Plan, (as applicable for the purchase order) to be submitted for BHEL review and approval <u>within 07 days</u> from the PO release date. - Any routine/acceptance/type tests (if applicable as per PO) have to be conducted by vendor as per enquiry specification / QP requirements, then the same has to be conducted (at facilities as specified in specification/QP, witnessed by Customer/BHEL/BHEL inspection agency) within <u>6 weeks</u> from the approval of documents and QAP without any commercial / Delivery impact on BHEL and report to be submitted for BHEL/Customer review and approval. Any comment in the documents by BHEL / Customer to be replied / revised (as applicable) within <u>5 days</u>.
11	FORCE MAJEURE
	Notwithstanding anything contained in the Contract, neither the Seller and nor the Purchaser shall be held responsible for total or partial non-execution of any of the contractual obligations, should the obligation become impossible due to occurrence of a 'Force Majeure' which directly affect the obligations to be performed by the Purchaser or the Seller. Such events include war, military operations of any nature, revolutions, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities over which the Seller or the Purchaser has no control. Seller and Purchaser shall endeavour to prevent, overcome or remove the causes of force Majeure. 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. The notifying party shall specify the matter constituting Force Majeure, explaining to what extent contractual obligations will thereby be prevented or delayed and the further period for which it is estimated that such prevention or delay will continue. Extension of time sought by the Seller 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. 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 for completion of deliveries and other schedules.
12	FRAUD PREVENTION POLICY

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	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.																					
13	SUPPLIER REGISTRATION FORM (Applicable only for Non Registered vendors with BHEL Trichy) Vendors who are not registered as a permanent vendor in BHEL Trichy should submit online Supplier registration Form (SRF) in all respect via our Link https://supplier.bhel.in/ ->New Registration. Please visit our web site : “http://supplier.bhel.in/” or http://suppliers.bheltry.co.in/ and fill in the necessary data for registration. For help regarding completing and submitting the application for registration, you may contact Mrs. Nalini Subramanian, Officer/SDC – 0431-2577301 (nalini.s@bhel.in).																					
14	CLAUSE ON INTEGRITY PACT 1) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL. 2) 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 Following IEMs on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL. <table><tr><td>IEM</td><td>E - mail</td></tr><tr><td>Shri Arun Chandra Verma, IPS (Retd.)</td><td>acverma1@gmail.com</td></tr><tr><td>Shri Virendra Bahadur Singh, IPS (Retd.)</td><td>vbsinghips@gmail.com</td></tr></table> 3) 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 IEM mentioned in the tender. Note: No routine correspondence should be addressed to the IEM (phone/post/email) regarding Clarifications, time extensions or any administrative queries on the tender issued. All such Clarifications/issues shall be addressed directly to the tender issuing (procurement) department’s Officials whose contact details are provided below. <table><tr><td>Name</td><td>Prakash Tantuwary</td><td>S Karunanidhy</td></tr><tr><td>Department</td><td>Deputy Manager/MM/BOI</td><td>DGM/MM/BOI</td></tr><tr><td>Address</td><td>Bldg No.24, BHEL Trichy</td><td>Bldg No. 24, BHEL Trichy</td></tr><tr><td>Phone</td><td>0431-2577426</td><td>0431-2577653</td></tr><tr><td>e-mail</td><td>tantuwary@bhel.in</td><td>karunanidhy@bhel.in</td></tr></table>	IEM	E - mail	Shri Arun Chandra Verma, IPS (Retd.)	acverma1@gmail.com	Shri Virendra Bahadur Singh, IPS (Retd.)	vbsinghips@gmail.com	Name	Prakash Tantuwary	S Karunanidhy	Department	Deputy Manager/MM/BOI	DGM/MM/BOI	Address	Bldg No.24, BHEL Trichy	Bldg No. 24, BHEL Trichy	Phone	0431-2577426	0431-2577653	e-mail	tantuwary@bhel.in	karunanidhy@bhel.in
IEM	E - mail																					
Shri Arun Chandra Verma, IPS (Retd.)	acverma1@gmail.com																					
Shri Virendra Bahadur Singh, IPS (Retd.)	vbsinghips@gmail.com																					
Name	Prakash Tantuwary	S Karunanidhy																				
Department	Deputy Manager/MM/BOI	DGM/MM/BOI																				
Address	Bldg No.24, BHEL Trichy	Bldg No. 24, BHEL Trichy																				
Phone	0431-2577426	0431-2577653																				
e-mail	tantuwary@bhel.in	karunanidhy@bhel.in																				

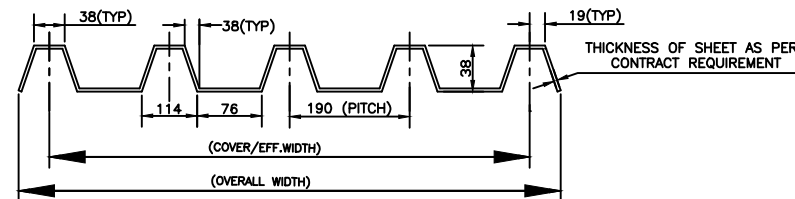
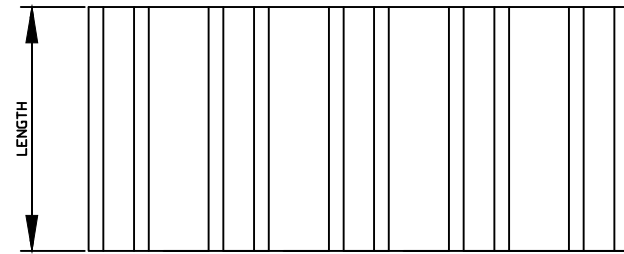
Note: By signing this Annexure, the vendor consents that the terms & conditions accepted, in this Annexure-A alone, shall be binding between BHEL and the Vendor; Other than the above mentioned terms quoted by the vendor elsewhere in the Offer / Quotation shall not be considered / accepted by BHEL.

SIGNATURE OF VENDOR

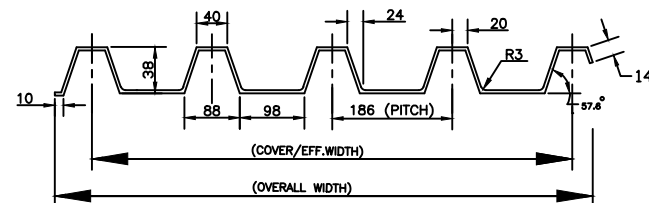
COMPANY SEAL AND DATE

DRAWING NO: 3-35-611-80440

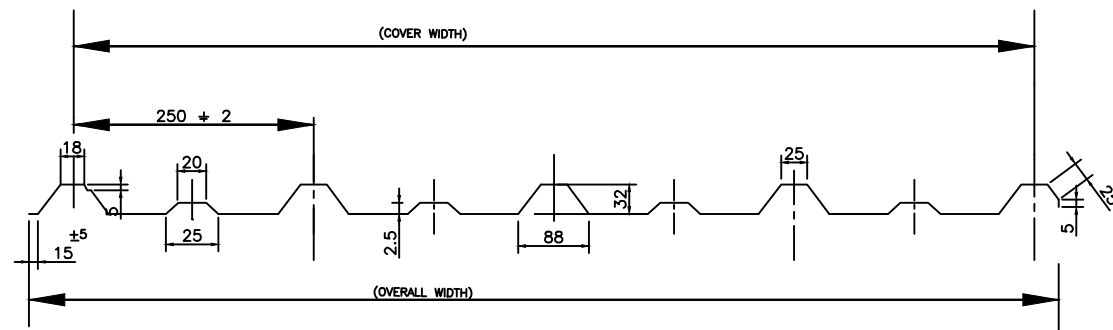
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MANUFACTURING AS PER RELEVANT Q.C.P\S.Q.P



TYPE-1

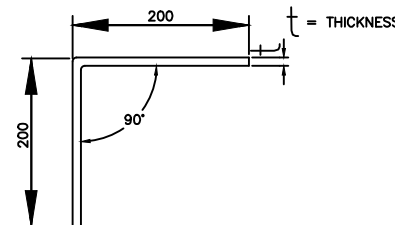
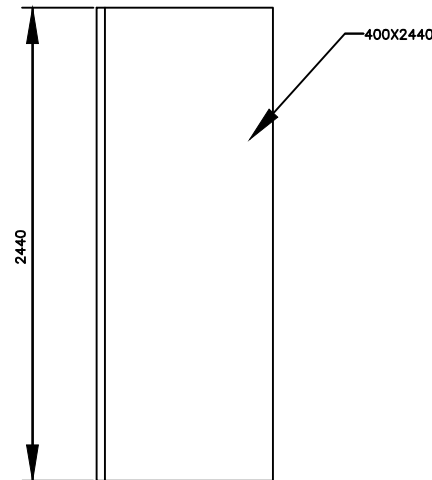


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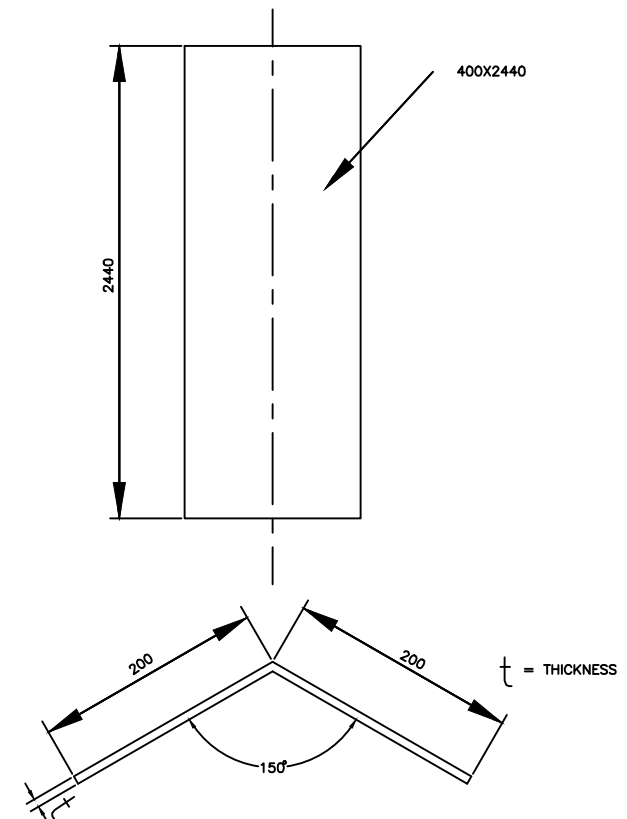


TYPE-3

TRAPEZOIDAL PROFILE SHEET



DETAILS OF BARGE BOARD CORNER PIECE



DETAILS OF RIDGE PIECE

ALL DIMENSIONS ARE IN MM

CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

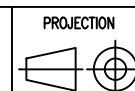
TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT



Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

DEPT
FBC & HRSG
CODE
1322

ALL DIMENSIONS
ARE IN MM



SCALE
N.T.S

WEIGHT (Kg)

REF TO ASSY / OLD DWG

DRN	NAME	SIGNATURE	DATE
CHD	V.MUTHUMANI		10.06.10
APPD	S.MURALI SANKAR		10.06.10
	V.RAMACHANDRAN		10.06.10

TITLE
DETAILS OF TRAPEZOIDAL PROFILE SHEET,
BARGE BOARD & RIDGE PIECE

DRAWING NO :
3-35-611-80440
REV
01

Certificate by Chartered Accountant on letter head

This is to Certify that M/s
 (hereinafter referred to as 'company') having its registered office at
 is registered under MSMED Act 2006,
 (Entrepreneur Memorandum No (Part—II) dtd:
 Category: (micro/small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006;
 Rs. Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006:
 Rs. Lacs

(Strike off whichever is not applicable)

The above investment of Rs. Lacs is within permissible limit of Rs. Lacs for Micro / Small **(Strike off which is not applicable)** Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) **(Strike off which is not applicable)** and the date of graduation of such enterprise from its original category is (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11,2013 by Ministry of MSME.

Date

(Signature)

Name -

Membership number -

Seal of Chartered Accountant

Handling and storage of coated steel products

Must be pasted on all packets clearly visible from outside

For longer life/durability after application, no wastage/damage of coated steel products below handling and storage guidelines are very important.

Handling

- 1) Use nylon/fiber felts for Handling. Do not use steel Wire rope/chains lifting /downloading / Moving
- 2) Use cushioning (wood /rubber) at bottom of & secure lashing & dunnaging **while** transportation.
- 3) Do not transport materials with water/chemicals/vegetables / animals/cement....
- 4) Unload carefully; avoid any packing damages due to unloading/handling.
- 5) If received wet & with damaged packing, Unpack, dry & repack.

Storage

- 1) Store materials on wooden support well over the flat & clean dry floor & temperature below 50°C.
- 2) Do not store materials on wet, damp, muddy floors /lands **directly**. If no option, use about 2 feet steel/ wooden platforms over such places for storing for only for few days.
- 3) Store in well ventilated, dry & protected from rain godowns/shades.
- 4) After Unpacking use materials within couple of days & balance materials remains if any, repack and store for further use.
- 5) Store away from chemicals / cement & any wet materials.

INTEGRITY PACT**Between**

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

and

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

Preamble

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

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

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

Section 1- Commitments of the Principal

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

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

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) 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 will 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 or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to

demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

Section 5 - Previous Transgression

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

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

- 6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.
- 6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /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 Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

- 8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- 8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.9 IEM 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 organization should be looked into by the CVO of the concerned organisation.
- 8.10 If the Monitor has 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 Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.
- 8.12 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- 9.2 If any claim is made/ lodged during currency of IP, 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 agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

- 10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- 10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

PRAKASH TANTUWAY

For & On behalf of the Principal
PRAKASH
TANTUWAY
(Office Seal)

Digitally signed by
PRAKASH TANTUWAY
Date: 2020.11.29 12:00:00
+05'30'

For & On behalf of the Bidder/

Contractor

(Office Seal)

Place TRICHY
Date 29/11/2020

Witness: JIBY. M. J

(Name & Address) JIBY. M. J.

Assistant Engineer - I
Materials Management / EO
BHEL, TRICHY - 620 014.

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.

Sl	IEM	Email
1.	Shri Arun Chandra Verma, IPS (Retd.)	acverma1@gmail.com
2.	Shri Virendra Bahadur Singh, IPS (Retd.)	vbsinghips@gmail.com

- (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 any of the above IEM(s). 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: PRAKASH TANTUNAY
 Deptt: DEPUTY MANAGER/MM/BOI
 Address: BLDG 24, BHEL, TRICHY-14
 Phone: (Landline/ Mobile) 0431-2577426
 Email: tantunay@bhel.in
 Fax: _____

(2)
 Name: S. KARUNANIDHY
 Deptt: DGM/MM/BOI
 Address: BLDG 24, BHEL, TRICHY-14
 Phone: (Landline/ Mobile) 0431-2577653
 Email: karunanidhy@bhel.in
 Fax: _____

/ 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.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)



PURCHASE /MM/BOI
SUBDELIVERY- ENQUIRY-DEVIATION

PAGE

OF

SCHEDULE OF DEVIATION TO SUB DELIVERY ENQUIRY No

1802000730

DESCRIPTION	PPGI ROOF SHEET	
SPECIFICATION		

QUALITY PLAN	DRG NO	
--------------	--------	--

DOCUMENT REFERENCE	BHEL ENQ CALLED FOR	FIRMS ALTERNATE OFFER
Supply of PPGI ROOF SHEET as per: a. BHEL Drawing 3-35-611-80440-1-0 b. Handling and storage of coated steel products c. SQPSD02_01- Prepainted Galvanized Steel Sheets d. Packing method e. PRE QUALIFICATION REQUIREMENT		

CERTIFIED THAT OTHER THAN THE ABOVE DEVIATIONS, WE ARE ACCEPTING ALL THE OTHER SPECIFICATIONS AND

REQUIREMENTS IN FULL TO YOUR ENQUIRY.

STATION:

DATE:

SIGNATURE OF FIRMS REPRESENTATIVE

FIRM SEAL

NOTE 1. DEVIATIONS SHOULD BE TAKEN ONLY IN THE EXTREME CASE

2. IF NECESSARY USE ADDITIONAL SHEETS WITH CONTROLLED NUMBER

PACKING METHOD

PACKING DETAILS FOR PRE COATED GALVANIZED ROOF SHEET, PRECOATED GALVALUME ROOF SHEET, RIDGE PIECE, CORNER BARGE BOARD AND PLAIN SHEETS

Packing material for Pre Coated Products:

Sl No	Packing Materials(Layers)	Nos
1	LDPE	1
2	HDPE	1
3	Metal Box	1
4	Wooden pallet/Wooden Skid at bottom	Top metal box over bottom box as shown in figure-1
5	High tensile packing straps & tags	Along length 2, Along width every 1 m length + 2 tags.

SHEET PACKING:

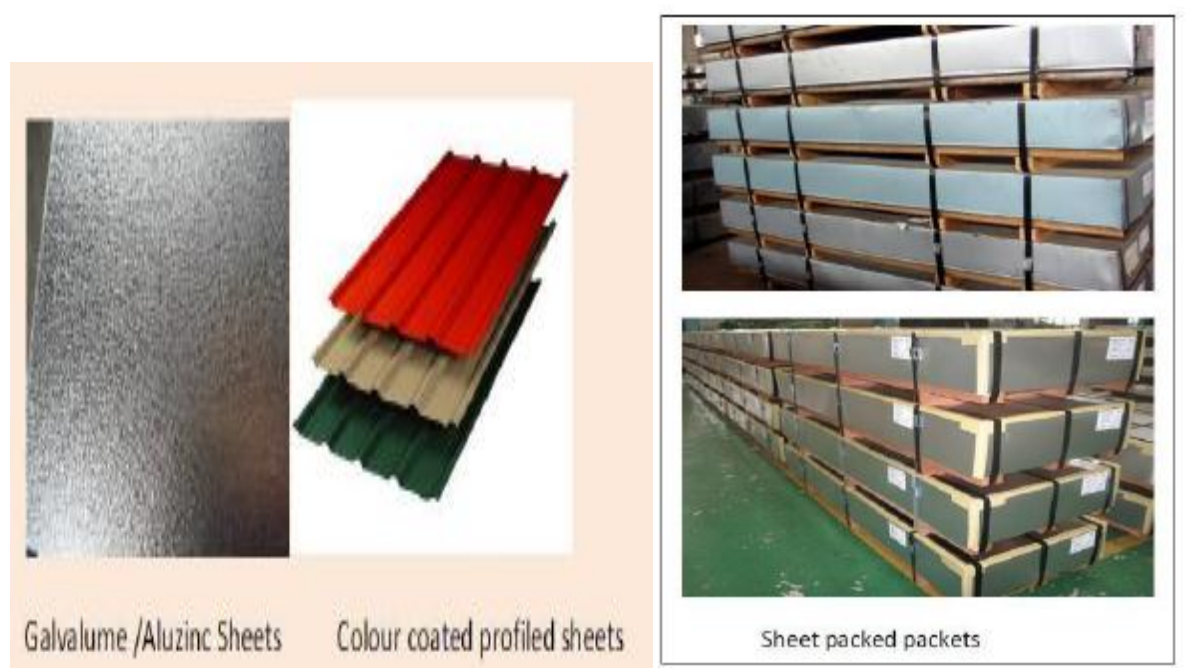


Figure-1

PART – I Pre-Qualification Criteria

All bidders must fulfil following criteria to be considered for this enquiry:

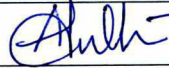
- 1) Bidder should be a manufacturer. Bidder should furnish the list of equipment's available at vendor works for manufacturing the tendered product.
- 2) Copy of Statutory documents –Company registration, GST certificate and PAN Card.
- 3) Bidder should confirm technical & quality specifications as per section-VI of TED.

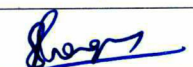
Special Note:

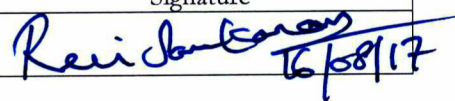
- 1) BHEL reserves the right to assess the capabilities and capacities of the bidders / collaborators to perform the contract, as per BHEL evaluation procedure.
- 2) Final acceptance of the bidder is subject to BHEL / end customer's approval to consider in this tender.

	BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPPALLI - 620 014, INDIA. QUALITY ASSURANCE DEPARTMENT
	STANDARD QUALITY PLAN FOR PRE-PAINTED GALVANIZED STEEL SHEETS SQP:SD:02 Rev No: 01

Page: 1 of 3

Prepared By Quality Assurance	ABDUR RAHMAN SULTAN	 16.08.2017
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Reviewed by	Signature
Quality Assurance (G. PANNESSELVAM)	
Engineering (M - SHANMUGAM)	
Materials Management (M. RADHAKRISHNAN)	
Quality Control R. DHARMAR	

Rev No	Date	Approved by	Signature
01	16/08/2017	AGM / QA & BE	 16/08/17

Record of Revisions

Rev No	Details of Revision	Remarks
00	Fresh Issue	
01	Cl. 1.0 , 3.1 to 3.5 revised, 3.6 to 3.8 removed based on feedback from MM	Raw material sources removed, Quantum of testing revised.

Proprietary Data - For Internal Use Only

बी एच ई एल 		MANUFACTURER'S NAME & ADDRESS: BHEL TIRUCHIRAPPALLI APPROVED SUPPLIERS		STANDARD QUALITY PLAN							QWI NO:SQP:SD:02			
				PRODUCT: PRE-PAINTED GALVANIZED STEEL SHEETS							REV NO: 01 DATE: 16/08/2017			
				SUB-SYSTEM :Steam Generator and Auxiliaries							PAGE: 2 OF 3			
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY			REMARKS	
					M	C/N				M	C	N		
1	2	3	4	5	M	C/N	7	8	9	D*	**	10	11	

1.0	RAW MATERIALS													
1.0	Steel Sheets/Coils	Chemical & Mechanical Properties (YS, TS, %Elong), Hardness, Cupping & bend tests	A	TC Verification	IS 513	IS 513	IS 513 & BHEL PO	IS 513 – Design CR1 Gr 390 & BHEL PO	MTC	√	P	V	V	
		Surface Finish	B	Visual	IS 513	IS 513	IS 513	Cl 8 of IS 513	MTC	√	P	V	-	
		Freedom from defects	B	Visual	IS 513	IS 513	IS 513	Cl 9 of IS 513	MTC	√	P	V	-	
		Dimensions	B	Measurement	IS 513	IS 513	IS 513	BHEL PO	MTC	√	P	V	-	
2.0	INPROCESS CONTROLS													
GALVANIZING														
2.1	Steel Sheets/Coils	Cleaning & Degreasing	A	Visual	100%	100%	IS 277 & BHEL PO	IS 277 & BHEL PO	Log	√	P	V	-	
2.2	Zinc Ingots*	Chemical properties	B	TC Verification	100%	100%	IS 209/ IS 13229	IS 209/ IS 13229	MTC	√	P	V	-	*Grade G250
2.3	Galvanization	Galvanizing	A	Visual	100%	100%	IS 277 & BHEL PO	IS 277 & BHEL PO	MTC	√	P	V	-	
2.4	Bend Test for zinc coating	Peeling of, flaking, cracking	B	Visual	Cl 8 of IS 277	Cl 8 of IS 277	Cl 8 of IS 277 & BHEL PO	Cl 8 of IS 277 & BHEL PO	IR	√	P	V	-	
2.5	Zinc Coating Test	Weight of coating of galvanizing*	B	Measurements	Cl 9 of IS 277	Cl 9 of IS 277	IS 277 & BHEL PO	IS 277 & BHEL PO	IR	√	P	V	-	*both sides inclusive: 275 gsm
2.6	Galvanized sheets/coils	Surface Finish	B	Visual	100%	100%	Cl 11 of IS 277	Cl 11 of IS 277	IR	√	P	V	-	
PAINTING & CORRUGATION														
2.7	Paint Coating Selection	Paint Class, viscosity, etc.	B	Visual	100%	100%	BHEL PO	BHEL PO	MTC	√	P	V	-	
2.8	Alkali Cleaning; Rinsing with Hot & cold water*;	Cleanliness of galvanized Sheets before painting	A	Visual	100%	100%	Manufacturer’s std	Freedom from oil, grease, dirt.	Log	√	P	V	-	* followed by Chromate soln treatment at room temperature
2.9	Painting: Primer on both sides; Top & bottom coats	Surface Preparation, Color Shade & DFT	B	Visual & Measurement	100%	100%	BHEL PO	BHEL PO	IR	√	P	V	-	
2.10	Corrugation of sheets *	Shape, Surface finish, peeling of paint on both sides	A	Visual	100%	100%	IS 277 & BHEL PO	IS 277 & BHEL PO	IR	√	P	V	-	*if applicable

LEGEND: * RECORDS IDENTIFIED WITH "TICK" (√) SHALL BE ESSENTIALLY INCLUDED BY THE SUPPLIER IN QA DOCUMENTATION;
**** M:** MANUFACTURER (COIL/PROFILER), **C:** BHEL QC/BHEL AIA, **N:** CUSTOMER; **P:** PERFORM. **W:** WITNESS, **V:** VERIFICATION; **CLASS :** A - CRITICAL ; B - MAJOR ; C – MINOR;
MTC- Mill /Manufacturer's Test Certificate; IR- Inspection/Test Report; (R): Routine test; (T)/(Ts): Type test.

बी एच ई एल BHEL		MANUFACTURER'S NAME & ADDRESS: BHEL TIRUCHIRAPPALLI APPROVED SUPPLIERS		STANDARD QUALITY PLAN							QWI NO:SQP:SD:02			
				PRODUCT: PRE-PAINTED GALVANIZED STEEL SHEETS							REV NO: 01 DATE: 16/08/2017			
				SUB-SYSTEM :Steam Generator and Auxiliaries							PAGE: 3 OF 3			
SL. NO	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	AGENCY			REMARKS	
					M	C/N	7	8	9	D*	M	C	N	
1	2	3	4	5	M	C/N	7	8	9	D*	**	10		11

2.11	Sheets	Dimensions of Corrugated/plane sheets	B	Measurements	100%	100%	BHEL PO & BHEL approved drawing	BHEL PO & BHEL approved drawing	IR	√	P	V	-	
3	TESTING ON PAINTED COILS/SHEETS – Tests shall be done at manufacturer's lab or NABL accredited labs.													
3.1	Bend Test	Peeling or crack of Paint	B	Visual	1 per 10 Tonnes	1 per 10 Tonnes	Cl 6.2 of IS 14246	Cl 6.2 of IS 14246*	IR	√	P	V	V	*No peeling or cracking of paint.
3.2	Pencil Hardness Test (2H)	Scratch proof	B	Visual	1 per 10 Tonnes	1 per 10 Tonnes	Cl 6.3 of IS 14246	Cl 6.3 of IS 14246#	IR	√	P	V	V	#No scratch
3.3	Impact Resistance Test	Impact resistance	B	Visual	1 per 10 Tonnes	1 per 10 Tonnes	Cl 6.4 of IS 14246	Cl 6.4 of IS 14246*	IR	√	P	V	V	*No peeling or cracking of paint.
3.4	Cross Hatch Test	No lifting of paint	B	Visual	1 per 10 Tonnes	1 per 10 Tonnes	Cl 6.5 of IS 14246	Cl 6.5 of IS 14246#	IR	√	P	V	V	#No lifting of paint.
3.5	Salt Spray Test	Corrosion Resistance/ Durability of paint	B	Visual & Measurement	1 per 10 Tonnes	1 per 10 Tonnes	Cl 6.6 & 5.4 of IS 14246 & BHEL Specn.	Cl 6.6 & 5.4 of IS 14246 & BHEL Specn.	MTC /IR	√	P	V	V	
4.0	FINAL INSPECTION													
4.1	Dimensional Inspection	Dimensions & Shapes	B	Visual & Measurement	100%	Min 1, max 10 *	BHEL PO & BHEL approved drawing		IR	√	P	W	V	*at random for each PO item.
4.2	Paint Inspection	Color, Shade & DFT	C		100%		BHEL PO	BHEL PO	IR	√	P	W	V	
4.3	Marking & Identification	PO no, Item, Material No, Project Name	B	Visual	100%		BHEL PO	BHEL PO	IR	√	P	W	V	
4.4	Packing along with Handling & Storage instructions to Sites@	Water-proof packing & Stability	B	Visual	100%		BHEL PO	BHEL PO	IR	√	P	W	-	@shall be available on each pack of sheets.

Notes:

- For Customer inspection, if applicable, the stages indicated under Column N shall be followed with specific approval of BHEL/Customer for Witness/Verification by Customer.
- The latest editions/revisions of the above mentioned/referred standards/procedures shall be used.

LEGEND: * RECORDS IDENTIFIED WITH "TICK" (√) SHALL BE ESSENTIALLY INCLUDED BY THE SUPPLIER IN QA DOCUMENTATION;
**** M:** MANUFACTURER (COIL/PROFILER), **C:** BHEL QC/BHEL AIA, **N:** CUSTOMER; **P:** PERFORM. **W:** WITNESS, **V:** VERIFICATION; **CLASS:** A - CRITICAL ; B - MAJOR ; C – MINOR;
MTC- Mill /Manufacturer's Test Certificate; IR- Inspection/Test Report; (R): Routine test; (I)/(Ts): Type test.

 BHEL - TRICHY	THIRD PARTY NON-DISCLOSURE AGREEMENT		Doc.No. : ISMS-04/TP/011	
			Ver. No: 3.0	Rev. No: 00
			Date : 27 - 10 - 14	

THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Trichy on contract is confidential and that the nature of the business of the BHEL, Trichy is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Trichy Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Trichy all documents and property of BHEL, Trichy, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, Trichy 's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Trichy and are reasonable given the nature of the business carried on by the BHEL, Trichy I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this ____ day of _____, 20__.

Name

Company

Signature