



A Maharatna Company
ISO 9001 Company
ISO 50001 Company

பாரத் ஹெவி இலெக்ட்ரிகல்ஸ் லிமிடெட்
भारत हेवी इलेक्ट्रिकल्स लिमिटेड
Bharat Heavy Electricals Limited
(A Government of India Enterprise)
Tiruchirappalli – 620 014

MATERIALS MANAGEMENT

Phone: 0431 – 257 7898, 8109; E-mail: vinatha@bhel.in, kevin@bhel.in; www.bhel.com

NOTICE INVITING e-TENDER

Dear Sir/ Ma'am,

Ref : **Tender No. 1802000658 dt 16.10.2020**

Subject : Two-part **e-Tender** inviting techno-commercial and price bids for supply of **Plain Aluminium Cladding Sheet for DVC, NTPC R&M, projects on F.O.R BHEL Trichy Stores basis (including testing, packing & forwarding and freight).**

Kindly submit your competitive offer as per the tender terms and conditions given in the tender document through e-procurement portal <https://bhel.abcpurchase.com> only.

1.	Last date/ time for receipt of tender	14:00 Hrs on dt.27.10.2020
2.	Date/ time of opening of Techno-commercial bids	14:30 Hrs on dt. 27.10.2020 Change in opening date, if any, will be intimated later.
3.	Date of price bid opening	The date/ time of price bid opening will be intimated to the techno-commercial qualified tenderer separately.

This two-part e-tender consists of the following:

1. **Annexure A - Techno - commercial terms and conditions**
2. **Technical Specification**
3. **Quality Plan**
4. **CA certificate format for MSE vendors**
5. **No Deviation Format**
6. **Self-Certification of Local content**
7. **Annexure B – Tendered quantities**
8. **Annexure C – Illustration of for arriving rates for evaluation**

General Instructions

- The tender documents shall be deemed to form an integral part of the purchase order.
- Tender can be cancelled at any stage due to unavoidable circumstances.
- Bidders are advised not to wait till the last minutes w.r.t tender closing time to submit their offer to avoid complications related with internet connectivity / network problem/ power failure etc.
- Bidders are advised take due care while quoting the technical and price bids forms in the e-procurement system. Bidders, those who tampers with tendering procedure affecting ordering process or misusing the technical information of the tender document or withdrawing their offer after price bid opening, will be penalized as per BHEL guidelines on suspension of business dealings with suppliers/ contractors. Abridged version of the guideline is available in www.bhel.com.

- Bidders who have been suspended or black listed or issued with "Show Cause Notice" by BHEL, Tiruchirappalli -620014 or any other unit or GOI will not be allowed to participate in the tender and bidder should declare the same in the tender. Even during the course of evaluation/ finalization of tender, if it is found that some of the parties are black listed/ barred from business transaction/ under business hold, BHEL will not consider them for further participation in the tender.
- It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission.
- In case you are not in a position to submit the offer, please send letter suitably specifying the reasons thereof.
- DISCLAIMER CLAUSE: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider (M/s. ABC Procurement Technologies limited.) is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

Thanking you,

For **Bharat Heavy Electricals Limited**

R Vinatha Sudha

Senior Engineer / Materials Management

Fourth floor, 24 Building

B.H.E.L., Tiruchirappalli – 620 014, Tamil Nadu

Phone: 0431-2577898

Email: vinatha@bhel.in

ANNEXURE-A

ACCEPTANCE OF TECHNO - COMMERCIAL TERMS AND CONDITIONS BY THE BIDDERS

Description of the Material:		Plain Aluminium Cladding Sheet for DVC, NTPC R&M, projects
BHEL Tender No. & Date		Enq No. 1802000658 dt 16.10.2020
Sl No.	Terms and conditions (To be filled in EPS portal)	
1	Pre-Qualification Requirement (PQR)	
	PQR-1 STATUS OF THE COMPANY	
	1) GST Registration certificate	
2	PQR-2 PROOF OF EXPERIENCE	
	2) The bidder shall have experience of supply or manufacture of aluminium sheets during last 5 years as on tender opening. PO copies / customer certificate / invoice copies related to scope of supply should be enclosed. Above experience other than BHEL to be supported by TDS (Tax Deducted at Source) certificate issued by the organization OR Form 26 AS OR Bank statement for transaction of payment. Experience from BHEL to be supported by PO copy.	
3	PQR-3 TECHNICAL COMPETENCE	
	3) The tenderer should supply the materials in-line with technical specification and Quality requirement as indicated in the enquiry.	
4	PQR-4 TECHNICAL COMPETENCE	
	4) Chemical & Mechanical Testing shall be done in house at manufacturer facility or Government approved labs.	
5	PQR-5) In case of traders,	
	a) authorization letter from mill for the quoted grade	
6	PQR-5) In case of traders,	
	b) copy of Mill Test Certificate from the authorized mill	
7	PQR-5) In case of traders,	
	c) name of mill & place from where the material will be supplied	
8	Vendor's offer will be considered for price bid opening subject to fulfilment of PQR requirement, techno-commercial suitability and approval of vendor firm by Customer/BHEL.	
9	Technical: - Supply of Plain Aluminium Cladding Sheet shall be as per specification PE-SS / REV 01 - BHEL Standard Quality Plan SQP:SD:29 / REV 00 to be followed for Inspection Any deviation on technical/QP/packing requirements shall specifically be mentioned with clear indication of Data Sheet No / Specification ref, Drawing, and Quality plan. Also, any deviations in the commercial terms and conditions shall be clearly spelt out. In the event of an order, any deviations, unless accepted clearly by BHEL in writing during enquiry stage itself will not 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. Requirement as above will be binding on all suppliers who submits offers and any comments/ deviations on this clause is not allowed. Deviations on this requirement may lead to rejection of offer itself. PACKING shall be as per the technical specification. The aluminium sheets shall be packed in coil form of required weight (the required weight will be mentioned by BHEL in the PO) with a tolerance of -5% to 0%. The minimum coil weight required will be 200 kg.	

10	Inspection by BHEL /TPI at vendor works
11	Method of packing
12	P&F to be quoted inclusive of basic price
13	Insurance (BHEL scope)
14	Price Basis: The quote shall be on FOR – BHEL Trichy Stores basis, inclusive of Packing & Forwarding charges. Freight charges to vendor's account. Insurance charges in BHEL Scope. Freight cost and Conversion cost to be indicated separately.
15	Payment terms: 100% direct EFT payment after 60 days from the date of receipt of materials at site. Note: Any deviation in the above Payment Terms, any other conditions in payment terms or any other Payment Terms will not be accepted and offers will not be considered.
16	Liquidated damages: 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 LD at the rate of ½% of pending PO value per week of delay subject to maximum of 10% of the total Purchase order value.
17	LD / Penalty: Any deviation of the above LD/Penalty clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value). Loading Criteria: Loading value = ((mentioned LD in enquiry – Accepted LD in the offer by the vendor) in % x base value)
18	Guarantee / Warranty Period Guarantee clause 18 months from the date of supply or 12 months from the date of actual put in use, whichever is earlier.
19	All taxes, duties, service taxes etc. payable as extra to the quoted price should be specifically stated, failing which the Purchaser will not be liable for payment of such Taxes and Duties.
20	Document submission/Inspection and Clearance A. Following documents to be mandatorily submitted by Supplier along with offer 1. MSME certificate, UAM Number and CA Certificate (as applicable for MSME suppliers only) 2. Local Content Certificate. Any query/clarification during enquiry stage shall be replied within three days, failing which offer may be rejected as non-responsive. B. After Placement of Purchase Order 1. Order acknowledgement to be signed and furnished by supplier within 03 days from the date of PO either by mail or in hard copy. 2. Documents (Datasheet, QPs) for approval if applicable, shall be submitted within 03 working days from the date of PO and after comment from BHEL, revised documents shall be submitted within 02 working days time. 3. Inspection call to be raised 07 days in advance from the required date of inspection. 4. Manufacturing/dispatch shall be initiated only after getting clearance from BHEL Trichy
21	Risk purchase: In case of abnormal delays (beyond the maximum late delivery period as per LD clause) or non-fulfilment of any other terms and conditions given in work order, BHEL may cancel the work order in full or part thereof, and may also make a contract of such work/service from elsewhere / alternative source at the risk and cost of the original contractor. BHEL will take all reasonable steps to complete the contract obligations from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL

	under the contract. Risk & cost clause, in line with conditions of contract may be invoked in any of the following cases: 1. Contractor's poor progress of the work vis-à-vis execution timeline as stipulated in the contract, backlog attributable to contractor/ supplier including unexecuted portion of work/ supply does not appear to be executable within balance available period (#) considering its performance of execution. 2. Withdrawal from or abandonment of the work by contractor before completion of the work as per contract. 3. Non completion of work / Non-supply by the contractor within scheduled completion/delivery period as per contract or as extended from time to time, for the reason attributable to the contractor. 4. Termination of contract on account of any other reason (s) attributable to contractor. 5. Assignment, transfer, subletting of contract without BHEL's written permission resulting in termination of Contract or part thereof by BHEL. 6. Non-compliance to any contractual condition or any other default attributable to contractor. Risk and Cost amount against balance work will be calculated as follows: Risk & Cost Amount= [(A-B) + (A x 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: In case 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. Note: Non-acceptance will lead to rejection of offer
22	Procurement is preferred from manufacturer of the tendered item, however, if the principal insists on engaging the services of an agent, such agent shall not represent more than one manufacturer in this tender. Moreover, either the agent could bid on behalf of the manufacturer or the manufacturer could bid directly but not both. In case bids are received from both the manufacturer and their agent, bid received from their agent will be ignored.
23	DELIVERY PERIOD: "12 weeks from the date of PO/Clearance, including manufacturing, inspection and despatch altogether".
24	Offer Validity: 90 days from Technical Bid opening.

25	Please mention your GSTIN Number and HSN Code GSTIN Number:
26	HSN Code:
27	Applicable GST percentage:
28	<u>Implementation of GST</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> 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: a. Vendor declaring such invoice in Form GST ANX-1 b. 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 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.
29	GENERAL CONDITION: Kindly submit the 'no deviation format' with clear indication of Data Sheet No./Specification ref, Drawing and Quality plan.
30	TENDER FINALIZATION: The tender will be finalized on item wise total cost to BHEL and L1 vendor will be arrived based on the opening of EPS price bids taking into account applicable taxes, duties and insurance. RA will not be conducted for this tender. Hence, vendors are requested to give their best prices at the first instant itself. In the event of final L1 prices being not reasonable to BHEL, BHEL may resort to short closing of this tender. In case of more than one L1 bidders, BHEL will get fresh revised reduced price bids from all such L1 bidders & ranking will be decided based on these revised bids. The new rates quoted should be lower than their previous L1 rates. If L1 could not be decided by this process, ranking will be decided by draw of lots in the presence of all such L1 bidders.
31	SUPPLIER REGISTRATION FORM: Vendors who are not registered as permanent vendor in BHEL Trichy shall submit the filled in Supplier Registration Forms (Link https://supplier.bhel.in/ ->New Registration) along with their offer as a parallel activity for registering their firm with permanent category (Code) with BHEL". For help regarding completion and submission of the application for registration, kindly contact Officer/SDC – 0431-2577301 (nalini.s@bhel.in).
32	PRICE IMPACT: All the technical / commercial details given in the enquiry shall be taken care and offer shall be quoted accordingly. No price impact / implication will be accepted within the validity period.
33	BENEFITS TO MSE VENDOR: 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 CA certificate 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. Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Udyog Aadhaar Memorandum No. & CA Certificate applicable for the year, certifying quantum of investment in plant and machinery within the permissible limits as per the act for relevant status, to be furnished mandatorily. Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry, in case of any deficiency in the above required documents or in case the documents are not submitted before price bid opening. If

	the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal even if submitted earlier. Documents should be notarized or attested by a Gazetted officer. MSEs quoting price within price band L-1 + 15%, when L1 is from someone other than MSE, shall be allowed to supply at least 25% of tendered value at L-1 subject to lowering of price by MSEs to L-1. (Minimum of 3% reservation for women owned MSEs and 6.25% for MSEs owned by SC/ST within the above mentioned 25% reservation). In case the contract cannot be split, the full/ complete supply of total tendered value shall be awarded to MSE. The preference to the MSEs will be given in order of their ranking L1, L2, L3, etc. Definitions of MSEs owned by Women is under: i. In case of proprietorship firm, proprietor must be woman. ii. In case of partnership firm, the women partners must be holding at least 51% shares in the unit. iii. In case of private limited companies, at least 51% share must be held by women promoters. Definitions of MSEs owned by SC/ST is under: v. In case of proprietorship firm, proprietor must be SC/ST. vi. In case of partnership firm, the SC/ST partners must be holding at least 51% shares in the unit. vii. In case of private limited companies, at least 51% share must be held by SC/ST promoters. viii. Authorized 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. ix. District Magistrate / Additional District Magistrate / Collector / Deputy commissioner / Additional Deputy commissioner / Deputy collector/ 1st class stipendiary magistrate/ Sub divisional Magistrate/ Taluka Magistrate/ Executive magistrate/ Extra Assistant commissioner. x. Chief Presidency magistrate/ Additional chief presidency magistrate/ Presidency magistrate. xi. Revenue Officer not below the rank of tahsildar. xii. Sub-Divisional officer of the area where the individual and/ or his family normally resides. xiii. To avail the benefits of MSE under SC/ST category, the related documents as stated above should be submitted along with tender documents. Start-up companies will be provided benefits and relaxation as per the latest government norms. For availing start-up benefits, relevant certificates issued by Department of Industrial Policy and Promotion shall be submitted along with the tender.
34	IF MSE VENDOR MSME CERTIFICATE
35	MSE- VALIDITY DATE
36	CA CERTIFICATE
37	CA - VALIDITY DATE
38	Fraud prevention policy 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
39	PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA) For this procurement, the local content to categorize a supplier as a Class I local supplier / Class II local supplier / Non local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 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.

	Supplier shall provide Local Content Certificate as per the above referred Public Procurement Order.
40	IMPORTANT NOTE- Both “MSED Act 2006 & Public Procurement (Preference to Make In India), Order 2017” guidelines will be followed for this present tender. In case of clash between these two guidelines, it is proposed to give preference to “Public Procurement (Preference to Make in India), Order 2017” order.
41	PVC: PVC will be applicable based on NALCO INGOT RATE as on the date of manufacturing clearance + Conversion Cost (as per Annexure-C)

By filling this Annexure in EPS, the vendor consents that the terms & conditions accepted in this Annexure alone, shall be binding between BHEL and the Vendor and no other terms mentioned, elsewhere in the Offer/Quotation will be considered/accepted by BHEL.



TITLE:

STANDARD TECHNICAL SPECIFICATION FOR ALUMINIUM CLADDING SHEETS

STD SPECIFICATION No: PE-SS-

VOLUME

SECTION

REV. NO. 01

DATE: 16.08.2016

SHEET 1 OF 2

1.00.00 GENERAL

This specification covers the requirements for supply of Aluminium sheet for using it as cladding or protective covering over Thermal insulation.

2.00.00 CODES & STANDARDS

2.01.01 Manufacturing, physical & chemical properties, inspection and testing of Aluminium sheets to be supplied under this specification shall conform to the latest edition of the following codes and standards.

2.01.02 **IS:737** Specification for wrought aluminium and aluminium alloy sheet and strip for general engineering purposes / **ASTM B209-14** Standard Specification for Aluminium and Aluminium-Alloy Sheet and Plate.

2.01.03 **IS:504** Methods of chemical analysis of aluminium and its alloys / **ASTM E34**

2.01.04 **IS:1608** Metallic materials - Tensile testing at ambient temperature / **ASTM-B209-14 Table 2**

2.01.05 **IS:2676** Dimensions for wrought aluminium and aluminium alloys, sheet and strip/**ANSI H 35.2**

2.01.06 **IS:5052** Aluminium and its alloys - Temper designations. / **ANSI H35.1**

3.00.00 MATERIAL REQUIREMENTS:

3.01.00 FORM

The aluminium sheets to be supplied shall be in coil form and with **Mill Finish**

3.02.00 FREEDOM FROM DEFECTS

The material shall be sound and free from harmful defects for the intended application.

3.03.00 DESIGNATION AND CONDITION

The designation and the condition of the material shall be in line with **IS:737 Gr. 19000 H2** or **ASTM B209 – 1100 Temper H-14**

3.04.00 CHEMICAL COMPOSITION

The material when analyzed as per IS 504 or any other instrumental/chemical method shall conform to the requirements as given in **Table 1 of IS:737 / Table 1 of ASTM B209-14**

3.05.00 MECHANICAL PROPERTIES

3.05.01 TENSILE TEST

The material when tested in accordance with **IS:1608 / ASTM B209-14** shall conform to the values given in **Table 2 of IS:737 / Table 2 of ASTM B209-14**

16- 19/08/16

K. SELVAM
Sr. Manager
Lining & Insulation / PE (FB)
BHEL, TRICHY - 620 014.

19/08/16

C. GANESH
Dy. General Manager
Product Engg.

	TITLE:	STD SPECIFICATION No: PE-SS-	
	STANDARD TECHNICAL SPECIFICATION FOR ALUMINIUM CLADDING SHEETS	VOLUME	
		SECTION	
		REV. NO. 01	DATE: 16.08.2016
		SHEET 2 OF 2	

3.05.02 BEND TEST

When tested in accordance with the method prescribed in **IS:737 / ASTM B209-14**, the outer surface of the bend shall not show any visible crack.

4.00.00 DIMENSION AND TOLERANCES

4.01.00 The width of the aluminium sheet shall be **900 to 1500 mm**. (uniform for the entire lot of supply). BHEL will confirm the same in the Purchase Orders.

4.02.00 Standard thicknesses of the aluminium sheet will be **0.415, 0.56, 0.71, 0.91, 1.00, 1.22, 1.6 mm**. (The exact requirement of thickness and the quantity (weight in MT) will be indicated specifically in the Purchase Orders).

4.03.00 Tolerances on width & sheet thickness shall be as per **IS:2676 / ASTM B209-14**.

5.00.00 INSPECTION AND TESTING

5.01.00 The material sampling shall be done as given in **IS:737 / ASTM B209-14**.

5.02.00 The material to be supplied under this specification shall be of tested quality. Inspection and testing of Aluminium sheets shall be carried out as per the requirements of **IS:737 / ASTM B209-14**. Manufacturer's test certificate indicating all the chemical composition and mechanical properties shall be furnished.

5.03.00 All test certificates shall be submitted in ORIGINAL for BHEL / CUSTOMER review and based on the satisfactory test results, Material Despatch Clearance Certificate (MDCC) will be issued.

6.00.00 PACKING AND MARKING

6.01.00 The material will have to be packed in polythene-lined hessian and covered with metallic sheets. Wooden saddle supports for each coil to be provided and finally the coils needs to be strapped with metallic bands suitably. Material shall be packed in such a manner so as to prevent damage in ordinary handling & transport. ***The edges of the coils (Both ID and OD) to be reinforced with metallic circular rings to avoid damage while handling. For First time supplies – packing drawing to be approved by BHEL prior to manufacture.***

6.02.00 Each package shall contain only one size of material.

6.03.00 Each package / coil shall be suitably marked with a tag for identification as given below: (legibly written - preferably at two locations for easy identification).

- | | |
|---|-----------------|
| a) BHEL's Purchase order number | b) Project Name |
| c) Name of the manufacturer & Country of Origin | |
| d) Material grade & condition | |
| e) Sheet thickness | |
| f) Weight of the contents | |

K. L. 19/08/16
K. SELVAM
Sr. Manager
Lining & Insulation / PE (FB)
BHEL, TRICHY - 620 014.

18/8/16
C. GANESH
उप महाप्रबंधक / Dy. General Manager
एनएसएल - बल्लार अभियंत्रित/AQCS-Product Engg
सहसंचालक, ईरई, बल्लार/BHEL, BAP SANPET - 573 405.

ANNEXURE – II

(TO BE SUBMITTED ON CHARTERED ACCOUNTANT LETTER HEAD)

This is to Certify that M/s
..... (herein after referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, Entrepreneur Memorandum No.
(Part – II) OR (UAN)..... 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:

₹ Lakhs

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 MSMED
Act, 2006:

₹ Lakhs

(Strike off whichever is not applicable)

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

Or

The company has been graduated from its original category (Micro/Small) (Strike off whichever 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



429-024

PURCHASE / MM / FB SUB DELIVERY – ENQUIRY - DEVIATION

Page

of

SCHEDULE OF DEVIATION TO
SUB – DELIVERY ENQUIRY No.

DATE

DESCRIPTION			
SPECIFICATION		DRG NO.	
QUALITY PLAN			
DOCUMENT REFERENCE	BHEL ENQ. CALLED FOR	FIRMS ALTERNATE OFFER	

CERTIFIED THAT OTHER THAN THE ABOVE DEVIATIONS, WE ARE ACCEPTING ALL
OTHER SPECIFICATIONS AND REQUIREMENTS IN FULL TO YOUR ENQUIRY

STATION:

DATE:

SIGNATURE OF FIRM'S REPRESENTATIVE

FIRM SEAL

Note:

1. Deviations should be taken only in the extreme case
2. If necessary, use additional sheets with page control number

/ 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 Number P-45021/2/2017-PP(BE-II) dt. 04.06.2020 issued by Department for Promotion of Industry and Internal Trade (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)

Annexure-B : Tendered quantities

Enq.Item no.	Sl.No.	Material	Material Code	Qty in kg
10	Proj 1	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	4,752.00
	Proj 2	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	6,480.00
	Proj 3	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	4,968.00
	Proj 4	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	5,616.00
	Proj 5	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	5,616.00
	Proj 6	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	6,264.00
	Proj 7	PLAINALUMINI SH 1.6 MM THK IS737/19000H2	160064840000	626
20	Proj 8	PLAIN ALUMINIUM SHEET 0.711 MM	160064830000	672
30	Proj 9	PLAIN ALUM SHT 0.914 MM IS737/19000H2	160064850000	472.34
	Proj 10	PLAIN ALUM SHT 0.914 MM IS737/19000H2	160064850000	472.34
	Proj 11	PLAIN ALUM SHT 0.914 MM IS737/19000H2	160064850000	907.39
	Proj 12	PLAIN ALUM SHT 0.914 MM IS737/19000H2	160064850000	671.22
	Proj 13	PLAIN ALUM SHT 0.914 MM IS737/19000H2	160064850000	671.22

Annexure- C

Illustration for arriving rates for evaluation & Placement of Purchase Order

A = Nalco Ingot IE07 rate/kg in Rs. on the bid-1 (Techno-commercial bid) opening B

= Conversion cost/Kg in Rs.

If technical bid opening is on 14.08.2020	
bid-1 (Techno-commercial bid) opening	Nalco Ingot IE07 rate/kg in Rs.
14.08.2020	150.35(A)
Conversion cost/Kg in Rs.	B
Material Unit Price /kg in Rs.	(A+B)

Note - 1) Supplier has to quote only conversion cost per kg i.e. B

PVC Clause

Illustration for arriving rates for Despatch

A = Nalco Ingot IE07 rate/kg in Rs. on manufacturing clearance date B

= Conversion cost/Kg in Rs.

If Manufacturing clearance given on 14.08.2020	
Manufacturing clearance date	Nalco Ingot IE07 rate/kg in Rs.
14.08.2020	150.35 (A)
Conversion cost/Kg in Rs.	B
Material Unit Price /kg in Rs.	(A+B)

Note: In case NALCO Ingot rate is not available on a particular date, the rate as on previous date available will be considered.