

REQUEST FOR QUOTATION



BHARAT HEAVY ELECTRICALS LIMITED
Electronics Division
PB No. 2606, Mysore Road Bangalore - 560026
INDIA

RFQ NUMBER:
BKSDEV2601

RFQ DATE :
03.07.2026

MMI:PU:RF:003

1) This is a development Tender. Hence, Penalty Clause is not applicable.
2) Non-Local supplier whose local content is less than 20% are not eligible to participate in this tender. MII format is mandatory for this tender.

(for all correspondence)
Purchase Executive : Bimal Kanta Sethi
Phone : 080 26998190
Fax :
E-mail: bksethi@bhel.in

Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
1	SAE261500012 ENCLOSURE M120 ASSEMBLY * HSN/SAC : 8536 Doc No.- 16923560008 Rev - 01 Doc No.- 16923560035 Rev - 00 Doc No.- 16923560036 Rev - 00 Doc No.- 36923560150 Rev - 00 Doc No.- 36923560151 Rev - 00 Test Certificate	500	NO	500	30.10.2026

Total Number of Items - 1

- 1.
- 2.

TWO PART BID - SUBMIT TECHNICAL AND PRICE BID IN SEPARATE SEALED COVERS

NOTES:

- This RFQ is governed by:
 - INSTRUCTIONS TO BIDDERS/SELLERS and GENERAL CONDITIONS OF CONTRACT FOR PURCHASE available at <http://edn.bhel.com> (**RFQ-PO Terms & Conditions**)
 - Any other specific Terms and Conditions mentioned.
 - Bidders / Representatives who would like to be present during opening of offers are required to furnish authorization letter for the same.
- * The HSN/SAC no mentioned against the line items in the RFQ are indicative only.

For and On behalf of BHEL.

Bimal Kanta Sethi
Sub-Assembly

1 OF 1

		 EDN BANGALORE	PRE - QUALIFICATION CRITERIA FOR Development of Injection molding components (M120 series) GROUP: SUB ASSEMBLY ENGG	Ref: PQC/IJCW/SAE REV NO 00 PAGE 01 OF 01																																				
COPY RIGHT AND CONFIDENTIAL The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in anyway detrimental to the interest of the company.		<table border="1"> <thead> <tr> <th data-bbox="290 331 391 369"></th> <th data-bbox="391 331 1317 369">PRE-QUALIFICATION CRITERIA (PQC)</th> <th data-bbox="1317 331 1495 369">COMPLIED</th> </tr> </thead> <tbody> <tr> <td data-bbox="290 369 391 415">1</td> <td data-bbox="391 369 1317 415">The bidder shall be an injection molded component manufacturer.</td> <td data-bbox="1317 369 1495 415">Yes / No*</td> </tr> <tr> <td data-bbox="290 415 391 533">2</td> <td data-bbox="391 415 1317 533">The bidder shall have prior supply history of in-house manufactured injection molded components for industrial applications in last 1 year to reputed private firms/PSUs/Gol.</td> <td data-bbox="1317 415 1495 533">Yes / No*</td> </tr> <tr> <td data-bbox="290 533 391 648">3</td> <td data-bbox="391 533 1317 648">The bidder should have expertise in design and development of mold, tools, jigs and fixtures associated with manufacturing of injection molded component.</td> <td data-bbox="1317 533 1495 648">Yes / No*</td> </tr> <tr> <td data-bbox="290 648 391 766">4</td> <td data-bbox="391 648 1317 766">The bidder shall have in-house facilities and experience of having manufactured intricate and complex injection molded components with tolerances of +0.1/-0.1 mm.</td> <td data-bbox="1317 648 1495 766">Yes / No*</td> </tr> <tr> <td data-bbox="290 766 391 884">5</td> <td data-bbox="391 766 1317 884">The bidder must be able to source raw material as per BHEL specification and submit relevant documents like Test certificates, inspection/tests reports etc.</td> <td data-bbox="1317 766 1495 884">Yes / No*</td> </tr> <tr> <td data-bbox="290 884 391 999">6</td> <td data-bbox="391 884 1317 999">The bidder shall submit details of manufacturing and inspection/testing facilities at their works along with the quotation.</td> <td data-bbox="1317 884 1495 999">Yes / No*</td> </tr> <tr> <td data-bbox="290 999 391 1045">7</td> <td data-bbox="391 999 1317 1045">The bidder shall possess documented Quality Manual</td> <td data-bbox="1317 999 1495 1045">Yes / No*</td> </tr> <tr> <td data-bbox="290 1045 391 1188">8</td> <td data-bbox="391 1045 1317 1188">The bidder shall have multiple injection molding machines for manufacturing of different components simultaneously with production capacity of at least 10000 units per month.</td> <td data-bbox="1317 1045 1495 1188">Yes / No*</td> </tr> <tr> <td data-bbox="290 1188 391 1346">9</td> <td data-bbox="391 1188 1317 1346">The component shall be manufactured by injection molding only. The supplier shall have prior experience in in-house ultrasonic-welding process and experience in configuring ultrasonic welding machine to meet BHEL requirement.</td> <td data-bbox="1317 1188 1495 1346">Yes / No*</td> </tr> <tr> <td data-bbox="290 1346 391 1482">10</td> <td data-bbox="391 1346 1317 1482">The bidder shall support for rework/replacement of material at BHEL EDN in case of rejection during usage of item in production along with failure analysis in case of quality issues.</td> <td data-bbox="1317 1346 1495 1482">Yes / No</td> </tr> <tr> <td data-bbox="290 1482 391 1633">11</td> <td data-bbox="391 1482 1317 1633">L1 Bidder must submit ten (10) sample units for functional evaluation and approval by BHEL prior to commencement of bulk supply. Failure to submit or failure of the sample to pass functionality may result in PO cancellation.</td> <td data-bbox="1317 1482 1495 1633">Yes / No</td> </tr> </tbody> </table> *Note – bidders with no previous supply history of injection molded components to BHEL-EDN/ not registered with BHEL-EDN, shall give adequate documentary proof to substantiate claims above. Important note: 1) Any supplier who currently has outstanding development orders for materials of a similar nature, or who is accountable for long-pending or unsuccessful deliveries of such materials, shall be considered ineligible to participate in this tender. 2) The bidder must not currently be blacklisted or banned by any BHEL unit, government department or PSU.				PRE-QUALIFICATION CRITERIA (PQC)	COMPLIED	1	The bidder shall be an injection molded component manufacturer.	Yes / No*	2	The bidder shall have prior supply history of in-house manufactured injection molded components for industrial applications in last 1 year to reputed private firms/PSUs/Gol.	Yes / No*	3	The bidder should have expertise in design and development of mold, tools, jigs and fixtures associated with manufacturing of injection molded component.	Yes / No*	4	The bidder shall have in-house facilities and experience of having manufactured intricate and complex injection molded components with tolerances of +0.1/-0.1 mm.	Yes / No*	5	The bidder must be able to source raw material as per BHEL specification and submit relevant documents like Test certificates, inspection/tests reports etc.	Yes / No*	6	The bidder shall submit details of manufacturing and inspection/testing facilities at their works along with the quotation.	Yes / No*	7	The bidder shall possess documented Quality Manual	Yes / No*	8	The bidder shall have multiple injection molding machines for manufacturing of different components simultaneously with production capacity of at least 10000 units per month.	Yes / No*	9	The component shall be manufactured by injection molding only. The supplier shall have prior experience in in-house ultrasonic-welding process and experience in configuring ultrasonic welding machine to meet BHEL requirement.	Yes / No*	10	The bidder shall support for rework/replacement of material at BHEL EDN in case of rejection during usage of item in production along with failure analysis in case of quality issues.	Yes / No	11	L1 Bidder must submit ten (10) sample units for functional evaluation and approval by BHEL prior to commencement of bulk supply. Failure to submit or failure of the sample to pass functionality may result in PO cancellation.	Yes / No
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Date-

To:
Shri B K SETHI, Sr Manager
SA-MM
M/s. BHEL, EDN
Mysore Road,
Bangalore - 560026.

RFQ No:
Due Date:

Supplier Name/ID:
GEM ID (if applicable):

CERTIFICATE OF TECHNICAL COMPLINACE

(TO BE FILLED BY THE SUPPLIER)

	Complied (YES/NO) *
This is to certify that the items quoted by the undersigned on behalf of _____ are as per BHEL technical specification/drawing as mentioned in the RFQ and no technical deviation is sought.	

The above compliance certification shall be final and would supersede any other document submitted as part of the bid.

For (Supplier Name)

Sd with seal/-

QUOTATION (PRICE BID FORMAT)

Date-

To:

Shri B K SETHI, Sr Manager

SA-MM

M/s. BHEL, EDN

Mysore Road,

Bangalore - 560026.

RFQ No:

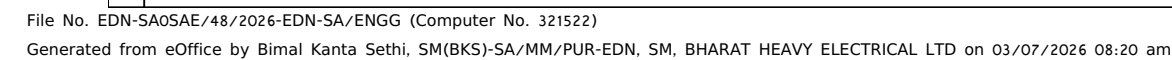
Due Date:

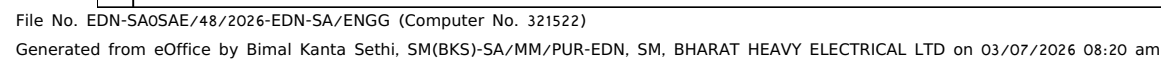
Supplier Name/ID:

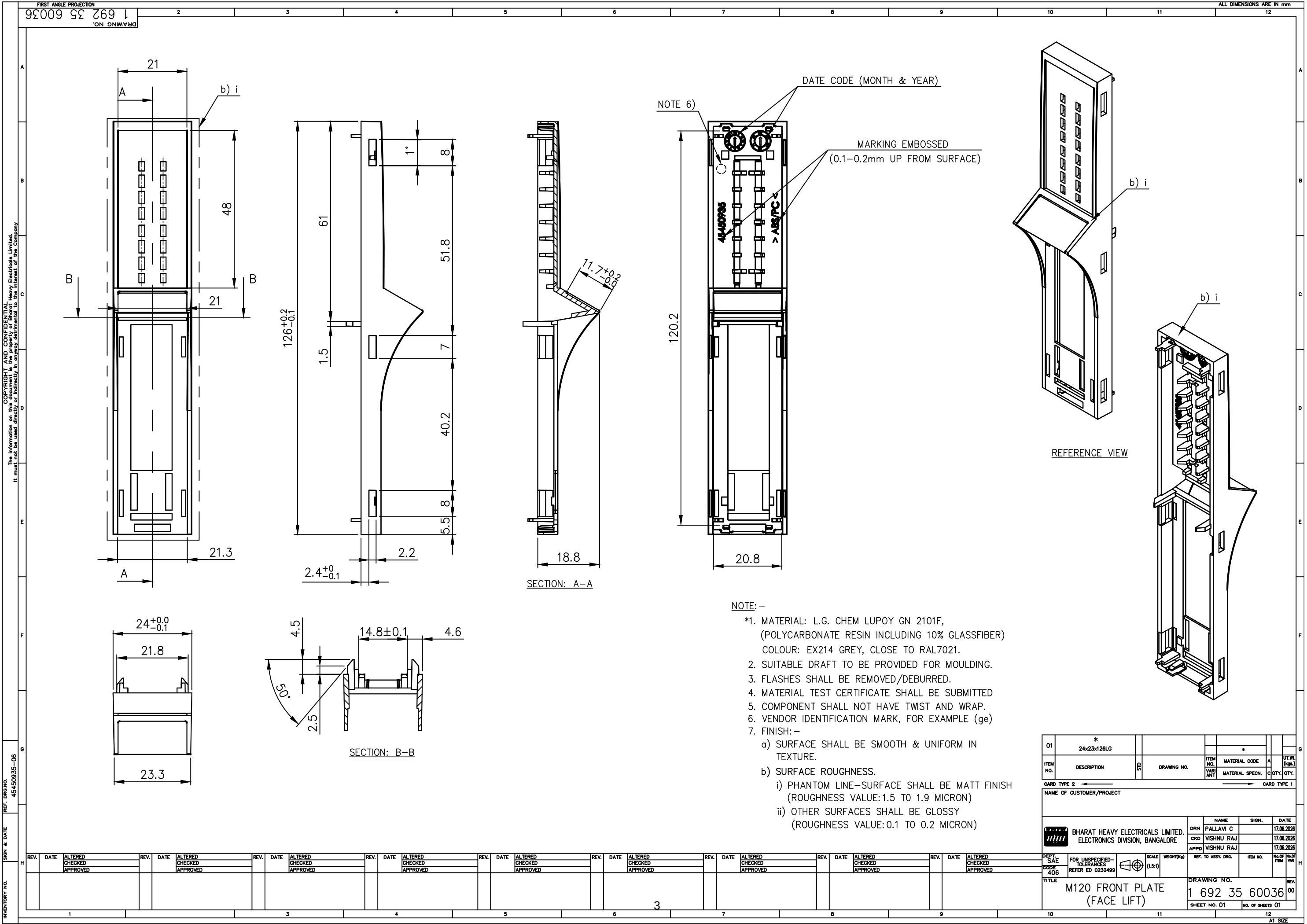
BHEL MATERIAL CODE	BHEL MATERIAL DESCRIPTION	QUANTITY (nos.)	UNIT PRICE (inclusive of all development charges)
SAE261500012	ENCLOSURE M120 ASSEMBLY	500	

For (Supplier Name)

Signature with seal/-







INVENTORY NO.

SIGN & DATE

REF. DRG.NO.

45470345 I/O

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0109 35 269 3

DRAWING NO.

360150

3

4

5

6

7

8

01

02

5.8 $\pm$ 0.1
-0.0

9.8 $\pm$ 0.1

5.2 $\pm$ 0.1
-0.0

NOTE 5

45450935

> ABS/PC <

NOTE 2

'L'

(126)

01

(21.81)

SURFACE X

NOTE 1

A

A

SECTION: A-A

SCALE: 2:1

REFERENCE VIEW

NOTE:-

*1. OPTO PIPE SURFACE SHALL NOT PROJECT BEYOND SURFACE 'X'.

2. MINIMUM WELD LENGTH REQUIRED IS 50% OR 3 SPOTS ON ENTIRE LENGTH OF 'L' (WELDING LENGTH)

3. FRONT PLATE WITH OPTO PIPE SHALL BE WELDED ULTRASONICALLY.

4. FRONT PLATE SURFACE 'X' AND OPTO PIPE SHALL NOT BE DAMAGED.

5. OPTOPIPE LEGS (16X) SHALL NOT BE TWISTED.

REV.

DATE

ALTERED

CHECKED

APPROVED

REV.

DATE

ALTERED

CHECKED

APPROVED

REV.

DATE

ALTERED

CHECKED

APPROVED

DEPT. SAE

CODE 406

FOR UNSPECIFIED-TOLERANCES
REFER ED 0230499

SCALE 1:1

WEIGHT(Kg)

REF. TO ASSY. DRG.

ITEM NO.

No. OF ITEM

TITLE

M120 FRONT PLATE ASSY
(FACE LIFT)

DRAWING NO.

3 692 35 60150

REV.

00

SHEET NO. 01

NO. OF SHEETS 01

1

2

3

4

4

5

6

7

8

ALL DIMENSIONS ARE IN mm

FORM No. A3-01

File No. EDN-SA05AE/48/2026-EDN-SA/ENG G (Computer No. 321522)

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A3 SIZE

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REF. DRG.NO.

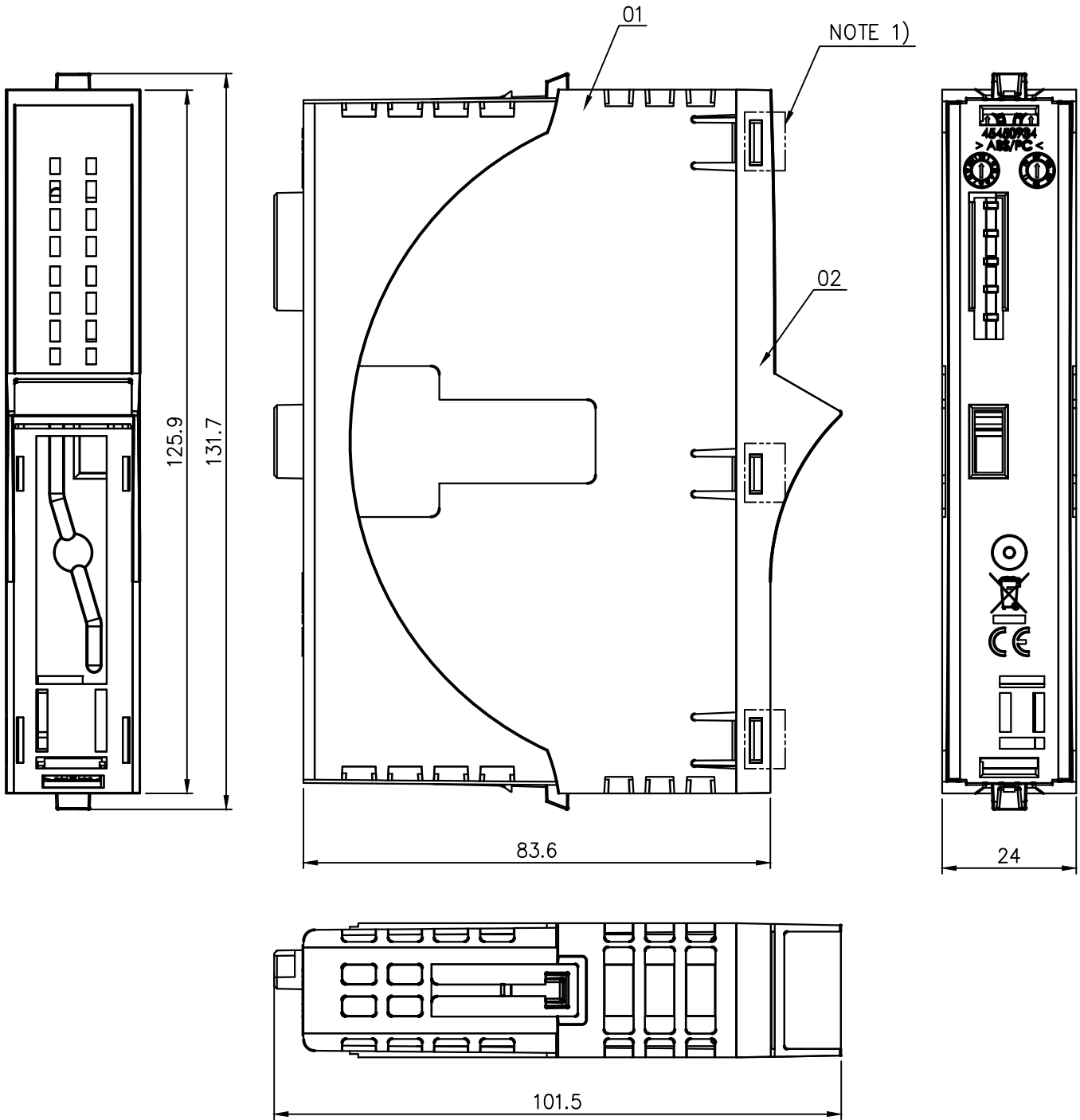
SIGN & DATE

INVENTORY NO.

FIRST ANGLE PROJECTION

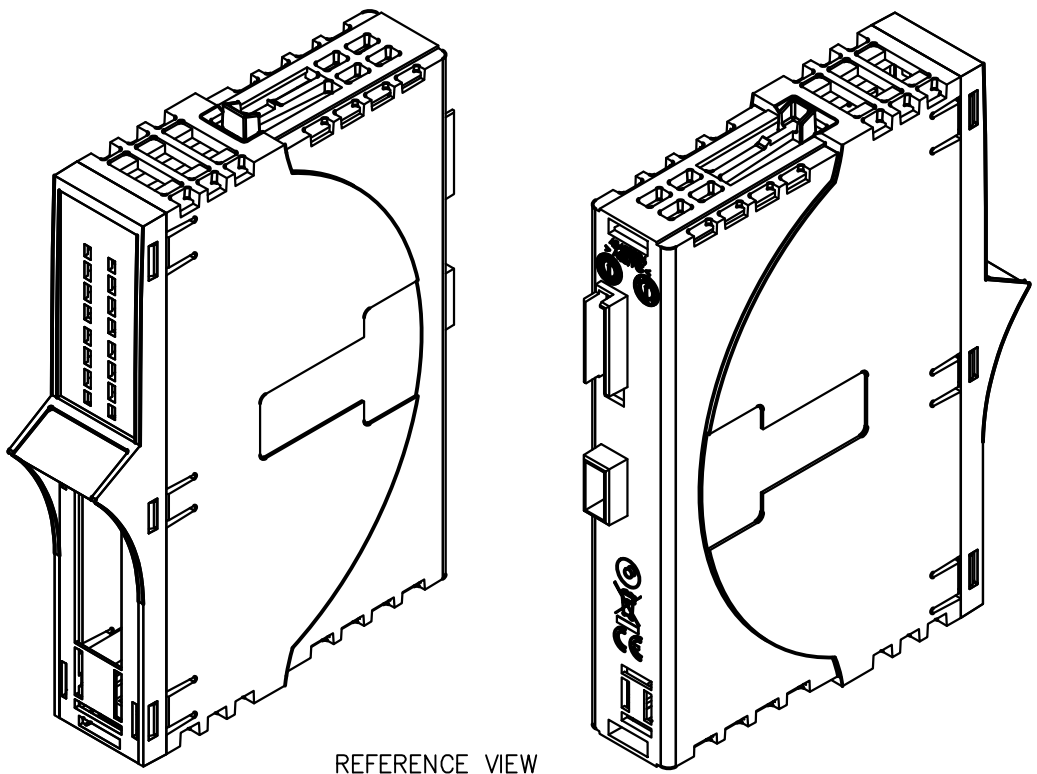
ALL DIMENSIONS ARE IN mm

DRAWING NO. 3 692 35 60151



NOTE: -

1. ENSURE PROPER LOCKING AT ALL THE SIX MATING REGIONS BETWEEN ITEM 01 AND 02.

[illegible]

REFERENCE VIEW

01	02	FRONT PLATE ASSY	3 692 35 60150			
01	01	ENCLOSURE M120	1 692 35 60035			
QTY.	ITEM No.	DESCRIPTION	DRAWING NO.	ITEM No.	MATERIAL CODE	UT.Wt. (kgs)
				VARIANT	MATERIAL SPECN.	QTY.
CARD TYPE 2				CARD TYPE 1		

TYPE OF PRODUCT OR
NAME OF CUSTOMER/PROJECT

 BHARAT HEAVY ELECTRICALS LIMITED. ELECTRONICS DIVISION, BANGALORE				DRN	NAME	SIGN.	DATE	No. OF VAR	
					PALLAVI.C		18.06.2026		
					CKD	VISHNU RAJ			18.06.2026
					APPD	VISHNU RAJ			18.06.2026
DEPT. SAE	FOR UNSPECIFIED– TOLERANCES		SCALE	WEIGHT(Kg)	REF. TO ASSY. DRG.	ITEM NO.	No. OF ITEM		
CODE 406	REFER ED 0230499		1:1						
TITLE M120 ENCLOSURE ASSEMBLY (FACE LIFT)					DRAWING NO.			REV.	
					3 692 35 60151				
					SHEET NO. 01		NO. OF SHEETS 01		

SPECIAL TERMS & CONDITIONS FOR THIS **TENDER NO- BKSDEV2601**

Being this tender is for development of items as per BHEL technical requirements, special T&Cs for this tender is as below:

“LD, Risk & Cost, penalty for late delivery, debarment is not applicable for this tender”

Following are points to be noted before submitting your offer.

1) Important Notice: Our Terms and Conditions and Various loading factors are revised and please go through documents available at www.edn.bhel.com. Request you to go through before submitting quote.

a) INSTRUCTIONS TO BIDDERS/SELLERS (Doc No : BHEL: EDN : ITB - SHOP : **Rev 04**) available [bhel.com](http://www.edn.bhel.com) (RFQ-PO Terms & Conditions) b) GENERAL CONDITIONS OF CONTRACT FOR PURCHASE (Doc no: BHELEDN: GCC-SHOP : **Rev 02**) available at www.edn.bhel.com (<https://edn.bhel.com/assets/img/rfq/ITBGCC.pdf>) c) Any other specific Terms and Conditions mentioned.

2) Bidders should mention GSTN number of the place of supply and HSN (Harmonized System of Nomenclature)/SAC (Services Accounting Code) number in the offer. In case both supply and service are involved, GSTN no of the place of supply for services shall also be mentioned separately in the offer if different.

3) This is TWO PART BID tender. BIDDERS are requested to send “Techno Commercial Bid” AND “Price BID” separately. For more details, please refer point 2.b in attached RFQ Terms and conditions document

4) Penalty for delayed delivery is applicable for this Enquiry. If it is not mentioned explicitly it will be assumed as acceptance.

5) Offers with ADVANCE PAYMENT are liable for rejection.

6) If only “Sight Draft” is mentioned it will be considered as “Sight Draft with 45 days”

7) In case of not interested in submitting quotation, please send the regret letter which is essential for our records.

8) Please indicate complete part number in your quotation and make, else your quotation might be rejected.

9) Please quote for our RFQ quantity and for MOQ (if any). Offers with high MOQ may not be accepted

10) Material has to be supplied in manufacturer’s pack in sealed condition (Refurbished/ pulled-out parts are not accepted)

11) Supplier should quote online. Quotation received in hardcopy will not be considered.

12) In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is at least 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies

13) PURCHASE PREFERENCE FOR MSE VENDORS:

MSE vendors quoting within a price band of L1 + 15% shall be allowed to supply up to 25% of the requirement against this tender provided

- a. The MSE vendor matches the L1 price.
- b. L1 price is from a non MSE vendor.
- c. L1 price will be offered to the vendor nearest to L1 in terms of price ranking (L2 -nearest to L1). In case of non-acceptance by the MSE vendor (L2), next ranking MSE vendor will be offered who is within the L1 + 15% band (if L3 is also within 15% band).
- d. 3% of the 25% will be earmarked for women owned MSEs.
- e. 25% of the 25% (i.e., 6.25% of the total enquired quantity) will be earmarked for SC/ST owned MSE firms provided conditions as mentioned in (1) & (2) are fulfilled.

- f. In case where no SC/ST category firms are meeting the conditions mentioned in (1) and (2) or have not participated in the tender, the 6.25% of earmarked quantity for SC/ST owned MSE firms will be distributed among the other eligible MSE vendors who have participated in the tender.

In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items/quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like the tendered item being a system etc., then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1. Such information that tendered quantity will not be split shall be indicated in the RFQ

14) PURCHASE PREFERENCE FOR MAKE IN INDIA VENDORS

Purchase preference for MII will be given to class –I Local supplier (Local content 50% and more). Please refer GOI circular No. P-45021/2/2017-PP (BE-II) dtd. 16/09/2020 for detail of purchase preference and eligibility for participating in this RFQ

Preference to Make in India Order 2017 dated 15.06.2017, 28.05.2018 and revision dated 16 September 2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/or local content in respect of this procurement, same shall be applicable. <https://dipp.gov.in/public-procurements>

15) FOR THIS PROCUREMENT (GFR), Restrictions under Rule 144(xi) of the General Financial Rules (GFRs), 2017- Dept. of Expenditure OM No.6/18/2019-PPD dated 23rd July, 2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO against this NIT.

<https://www.mea.gov.in/>

16) SUVIDHA portal

" For supply orders placed on Indian Suppliers: Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/>, prior to despatch. All documents as per PO checklist , along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and upto Rs five lakhs , in case they were not digitally signed and uploaded on the portal. The material will not be accepted inside BHEL in absence of the above. "

For all correspondence, contact
BIMAL KANTA SETHI
Sr. Manager/SA-MM-Purchase
Bharat Heavy Electricals Ltd.
Electronics Division, Mysuru Road,
Bengaluru-560026
Ph (O): 080-26998190
Mob. : 8903891908

On Bidder Letter Head

Date:

To,

M/s Bharat Heavy Electricals Ltd.
Electronics Division, Mysore Road,
Bangalore – 560026

Sub: Model Clause / Certificate as per Annex-III (Tenders) of Restrictions Under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, Dated 23.07.2020.

Ref: BHEL Tender / RFQ / NIT Number

I (authorized signatory for M/s) have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India , we certify that this bidder M/s[Vendor Name & address] is not from such a country or , if from such a country , has been registered with the competent authority . We hereby certify that we fulfill all requirements in this regard and is eligible to be considered [attach evidence of valid registration certificate with competent authority].

For M/s

Authorized Signatory
(With company seal & Name)

On Bidder Letter Head

Date:

To,

M/s Bharat Heavy Electricals Ltd.
Electronics Division, Mysore Road,
Bangalore – 560026

Sub: Model Clause / Certificate as per clause 9 (a) of Revised Public Procurement (Preference to Make in India Order, 2017 of DPIIT dated 13.06.2020.

Ref: BHEL Tender / RFQ / NIT Number

I..... (authorized signatory
for M/s) a 'Class-I Local Supplier' / 'Class-II Local Supplier' at the time
of tender, bidding or solicitation hereby confirm that the item meets the Local Content requirement for
'Class-I Local Supplier' / 'Class-II Local Supplier' (Tick appropriate option & cut the other one) and the
Local Content percentage is

The address is as below, where the local content / value addition is made:

[Factory Address]

For M/s

Authorized Signatory
(with company seal & Name)

COMMERCIAL TERMS & CONDITIONS/ CHECK LIST (To be filled and signed by the vendor)

To be mandatory filled in YES/No or Not applicable (NA)		(YES/No/NA)	Remarks (if, any)
1	Payment terms: (For any deviation Loading factor will be applicable above the quoted rate)		
1.A	For Quote in INR: BHEL standard payment terms is <u>100% within 45 days credit:</u>		
1.B	For Quote in other than INR: BHEL standard payment terms is <u>100% against sight draft with 45 days credit</u>		
2	Delivery Terms:		
2.A	For Quote in INR: Delivery Terms: BHEL Standard delivery is <u>BHEL DDL-EDN BANGALORE:</u>		
2.B	For Quote in other than INR: (Vendor to mention INCO Terms like FCA/EX-Works)		
3	Penalty terms for Delayed Delivery: 10% loading factor for not accepting the penalty.		
3.1	BHEL standard Penalty Terms is accepted for delayed delivery	Not Applicable	
4	Offer validity: 90 Days		
5	Delivery lead time (In Weeks)		
6	Foreign suppliers to provide Bank A/c details in the offer.		
7	GFR Certificate attached		
8	MII certificate attached		
9	Mention the Government E-Marketplace (GeM) Seller ID (Mandatory for placing PO worth Rs. 25 Lakhs & above) Applicable for only INDIAN VENDORS		
10	Other terms & Conditions as per NIT		