



BHARAT HEAVY ELECTRICALS LIMITED

HEEP HARIDWAR INDIA-PIN 249403

FAX NO: 0091 1334 226462

PHONE NO: 01334 285076

REQUIREMENT OF ALUMINUM ALLOY

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators, Defense Items and so on.

Details of items details as below:

SLN	MAT CODE	ITEM DISCREPTION	QUANTITY	Delivery Schedule (Days)
1	DFPW12301051	ALUMINUM ALLOY EN AW-7075, ALZN5.5MGCUT62, EN 485-2, T=25MM (POSITIVE TOLERANCE IN THICKNESS UP TO 5% ACCEPTABLE), REQUIREMENTS: MATERIAL TEST CERTIFICATE (MTC) AS PER EN 485-2 STANDARD: EN 485-2 SIZE: T=25MM	1012 KG	45
2	DFPW12301329	ALUMINUM ALLOY EN AW-7075, ALZN5.5MGCUT6, EN 485-2, DIA-42MM (POSITIVE TOLERANCE IN DIA UPTO 5% ACCEPTABLE). REQUIREMENTS: MATERIAL TEST CERTIFICATE (MTC) AS PER EN485-2. SIZE: DIA=42MM DIM.: D=42MM	45 KG	45

1. FOR ITEM SL 1 (MAT CODE DFPW12301051): EN AW-7075 ALZN5.5MGCUT62 as per EN 485-2 is also acceptable.
2. FOR ITEM SL 2 (MAT CODE DFPW12301329): EN AW-7075 ALZN5.5MGCUT6 Temper T6511 as per EN 755-2 is also acceptable
3. EARLY DELIVERY ACCEPTABLE
4. ALL VENDORS TO PROVIDE POINT WISE REPLY/CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF **PRE-QUALIFICATION REQUIREMENT/PQR** FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY.
5. KINDLY UPLOAD/ATTACH THE SPECIFICATION DETAILS/ CATALOGUE OF OFFERED ITEMS.
6. KINDLY **SUBMIT TECHNO-COMMERCIAL CHECKLIST** ALONG WITH YOUR OFFER.
7. KINDLY **SUBMIT PQR SHEET WITH SUPPORTING DOCUMENTS** ALONG WITH YOUR OFFER.
8. QTY TOLERANCE = +5% IS ACCEPTABLE
9. VENDOR TO CONFIRM TO PROVIDE MATERIAL AND DIMENSIONAL TEST CERTIFICATES AS PER ENQUIRY SPECIFICATION ALONG WITH MATERIAL SUPPLY.
10. VENDOR TO CONFIRM TO PROVIDE HEAT TREATMENT AND UT REPORTS OF ALUMINIUM ALLOY ALONG WITH MATERIAL SUPPLY.
11. VENDOR TO CONFIRM TO PROVIDE CERTIFICATE OF CONFORMANCE.
12. VENDOR TO CONFIRM TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SAME SHOULD BE MENTIONED IN IDENTIFICATION REPORTS

QUALIFYING CONDITIONS FOR ALUMINIUM ALLOY ROUND AND PLATE

Sl.	PQR Requirement	Action	Vendor Response (Yes / No / Enclosed)
1.	Who can either manufacture or supply AW-7075 grade Aluminum Alloy Round and Plate.	Vendor to specify whether Manufacturer or Supplier	
2.	Vendor to submit experience of supply of Aluminium Alloy Plates, Tubes, Round etc to defense establishment like OFB, ISRO, HAL, BEL etc. within last 5 years. Documents like Unpriced PO copy/ Dispatch docs etc to be submitted.	Vendor to submit	
3.	There shall be no pending rejections of supplied PO.	Vendor to confirm	
4.	Vendor can provide Material Test Certificate (MTC) from NABL accredited Lab.	Vendor to confirm	
5.	Certificate of Conformance (COC) shall be supplied.	Vendor to confirm	
6.	Vendor should have valid ISO 9001 certificate.	Vendor to submit	
7.	BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/incorrect, the offer shall be rejected.	Vendor to accept & confirm	
8.	Point numbers 1 to 7 are the Mandatory Qualification Requirements. Offers of vendors not meeting these requirements will NOT be considered.	Vendor to confirm	

AGM/DPE

TECHNICAL PARAMETERS CHECK LIST
DATA VALUES TO BE FILLED AND CONFIRMED BY VENDOR

NOTE: Vendor to input parameters based on the specification of the quoted item.

SN.	PARAMETERS	VALUES	UNIT	RESPONSE TYPE	VENDOR RESPONSE
1	MATERIAL CODE	DFPW12301051	-	-	-
2	MATERIAL SPECIFICATION	EN 485-2	-	Specify Spec. →	
3	MATERIAL GRADE	EN AW-7075, ALZN5.5MGCU	-	To confirm →	
4	MATERIAL TEMPER	T62 or T651	-	Input Value →	
5	SHAPE	PLATE	-	To confirm →	
6	THICKNESS	25 + 5/-0%	MM	Input Value →	
7	SIZE	2500 X 1500	MM	Input Value →	
8	ULTRASONIC TESTING	AS PER ASTM B 594- class B	-	To confirm →	
9	CHEMICAL PROPERTIES	AS PER EN 485-2	-	To confirm →	
10	MECHANICAL PROPERTIES	AS PER EN 485-2	-	To confirm →	
11.1	CERTIFICATION	MATERIAL TEST CERTIFICATE (MTC) from NABL accredited Labs	Y	confirm to supply →	
11.2	CERTIFICATION	ULTRASONIC TEST CERTIFICATE	Y	confirm to supply →	
11.3	CERTIFICATION	Certificate of Conformance / Compliance (COC)	Y	confirm to supply →	
12	VENDOR REMARKS				

TECHNICAL PARAMETERS CHECK LIST
DATA VALUES TO BE FILLED AND CONFIRMED BY VENDOR

NOTE: Vendor to input parameters based on the specification of the quoted item.

SN.	PARAMETERS	VALUES	UNIT	RESPONSE TYPE	VENDOR RESPONSE
1	MATERIAL CODE	DFPW12301329	-	-	-
2	MATERIAL GRADE	EN AW-7075, ALZN5.5MGCU	-	To confirm	→
3	MATERIAL SPECIFICATION & TEMPER	T6 as per EN 485-2 or T6511 as per EN-755-2	-	Input Value	→
4	SHAPE	ROUND	-	To confirm	→
5	DIA	42 + 5/-0%	MM	Input Value	→
6	LENGTH	MULTIPLES OF 1200 MM	MM	Input Value	→
7	ULTRASONIC TESTING	AS PER ASTM B 594 - class A	-	To confirm	→
8	CHEMICAL PROPERTIES	T6 AS PER EN 485-2 or T6511 AS PER EN-755-2	-	To confirm	→
9	MECHANICAL PROPERTIES	T6 AS PER EN 485-2 or T6511 AS PER EN-755-2	-	To confirm	→
10.1	CERTIFICATION	MATERIAL TEST CERTIFICATE (MTC) from NABL accredited Labs	Y	confirm to supply	→
10.2	CERTIFICATION	ULTRASONIC TEST CERTIFICATE	Y	confirm to supply	→
10.3	CERTIFICATION	Certificate of Conformance / Compliance (COC)	Y	confirm to supply	→
11	VENDOR REMARKS				

TECHNO-COMMERCIAL CHECKLIST

SL. NO.	TERMS & CONDITION	VENDOR CONFIRMATION /REMARKS / REPLY
TENDER DETAILS		
1	BIDDER NAME	
2	GEM BID NO	
QUALITY & TECHNICAL REQUIREMENTS		
3	VENDORS TO CONFIRM TO PROVIDE POINT WISE REPLY/ CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF PRE-QUALIFICATION REQUIREMENT/PQR FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY	
4	VENDOR TO CONFIRM TO PROVIDE MATERIAL AND DIMENSIONAL TEST CERTIFICATES AS PER ENQUIRY SPECIFICATION ALONG WITH MATERIAL SUPPLY	
5	VENDOR TO CONFIRM TO PROVIDE HEAT TREATMENT AND UT REPORTS OF ALUMINIUM ALLOY ALONG WITH MATERIAL SUPPLY	
6	VENDOR TO CONFIRM TO PROVIDE CERTIFICATE OF CONFORMANCE	
7	VENDOR TO CONFIRM TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SAME SHOULD BE MENTIONED IN IDENTIFICATION REPORTS	
COMMERICAL REMARKS		
8	ITEMS TO BE SUPPLIED AS PER ITEM DESCRIPTION/ SPECIFICATION/ STANDARD.	
9	BREACH OF CONTRACT CLAUSE:. IN CASE OF BREACH OF CONTRACT, WHEREVER THE VALUE OF SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT IS ATLEAST 10% OF THE CONTRACT VALUE, THE SAME BE ENCASHED. IN CASE THE VALUE OF THE SECURITY INSTRUMENTS AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE BALANCE AMOUNT BE RECOVERED FROM OTHER FINANCIAL REMEDIES (I.E. AVAILABLE BILLS OF THE CONTRACTOR, RETENTION AMOUNT, ETC. WITH BHEL) OR LEGAL REMEDIES BE PURSUED.	
10	ACTION AGAINST BIDDERS / VENDOR / SUPPLIER / CONTRACTOR IN CASE OF DEFAULT: IN ORDER TO PROTECT THE COMMERCIAL INTERESTS OF BHEL, BHEL SHALL TAKE ACTION AGAINST SUPPLIES / CONTRACTORS BY WAY OF SUSPENSION OF BUSINESS DEALINGS, WHO EITHER FAIL TO PERFORM OR ARE IN DEFAULT WITHOUT ANY REASONABLE CAUSE, CAUSE LOSS OF BUSINESS/ MONEY/ REPUTATION, INDULGE IN MALPRACTICES, CHEATING, BRIBERY, FRAUD OR ANY OTHER MISCONDUCT OR FORMATION OF CARTELS SO AS TO INFLUENCE THE BIDDING PROCESS OR INFLUENCE THE PRICE ETC.SUSPENSION OF BUSINESS DEALINGS COULD BE IN THE FORM OF "HOLD" OR "BANNING" A SUPPLIER/ CONTRACTOR OR A BIDDER AND SHALL BE AS PER "GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS" AVAILABLE AT BHEL'S WEBSITE " https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors "	
11	REST GENERAL TERMS AND CONDITIONS AS PER GeM	

1. ALL VENDORS TO PROVIDE POINT WISE REPLY/CONFIRMATION ALONG WITH RELEVANT SUPPORTING DOCUMENTS TO EACH AND EVERY POINT OF **PRE-QUALIFICATION REQUIREMENT/PQR** FOR ALL ENQUIRY ITEMS. NONCOMPLIANCE OF THESE MAY LEAD TO REJECTION OF OFFER AS THESE ARE ESSENTIAL CONDITION FOR PARTICIPATING IN TENDER ENQUIRY.
2. FOR ITEM SL 1 (MAT CODE DFPW12301051): **EN AW-7075 ALZN5.5MGCU T651 as per EN 485-2 is also acceptable.**
3. FOR ITEM SL 2 (MAT CODE DFPW12301329): **EN AW-7075 ALZN5.5MGCU Temper T6511 as per EN 755-2 is also acceptable**
4. EARLY DELIVERY ACCEPTABLE.
5. KINDLY UPLOAD/ATTACH THE SPECIFICATION DETAILS/ CATALOGUE OF OFFERED ITEMS.
6. KINDLY **SUBMIT TECHNO-COMMERCIAL CHECKLIST** ALONG WITH YOUR OFFER.
7. KINDLY **SUBMIT PQR SHEET WITH SUPPORTING DOCUMENTS** ALONG WITH YOUR OFFER.
8. QTY TOLERANCE = +5% IS ACCEPTABLE
9. VENDOR TO PROVIDE MATERIAL AND DIMENSIONAL TEST CERTIFICATES AS PER ENQUIRY SPECIFICATION ALONG WITH MATERIAL SUPPLY.
10. VENDOR TO PROVIDE HEAT TREATMENT AND UT REPORTS OF ALUMINIUM ALLOY ALONG WITH MATERIAL SUPPLY.
11. VENDOR TO PROVIDE CERTIFICATE OF CONFORMANCE.
12. VENDOR TO PROVIDE IDENTIFICATION OF ALL ITEMS AND SAME SHOULD BE MENTIONED IN IDENTIFICATION REPORTS
13. IF PRICE QUOTED BY MSE VENDOR IS WITHIN THE PRICE BAND OF L1+15%, THEN 25% QUANTITY OF THE RESPECTIVE ITEM (ROUNDED OFF TO NEAREST NUMBER) SHALL BE OFFERED TO MSE VENDOR SUBJECT TO MATCHING THE L1 PRICES.
IF THE QUANTITY REQUIRED IS 1 NUMBER (AS SUCH NON-DIVISIBLE), MSE QUOTING WITH IN PRICE PREFERENCE OF L1+15% SHALL BE OFFERED 100% QUANTITY SUBJECT TO MATCHING THE L1 PRICES
14. MSE/MII: THE SUPPLIER NEEDS TO SUBMIT/UPDATE MSE/MII CREDENTIALS ON GEM PORTAL DURING PROFILE UPDATION/ OFFER SUBMISSION STAGE. THE MSE DATA SUBMITTED IS CROSS VERIFIED BY GEM WITH GOVT. OF INDIA UDYAM/NSIC DATABASE THROUGH API INTEGRATION ON REAL TIME BASIS AND FOR MII, A SELF DECLARATION IS BEING GIVEN AND AUTHENTICATED BY AADHAR OTP. IF THE SELLER FAILS TO CLAIM MSE/MII PROVISION ON GEM PORTAL AT PROFILE UPDATION/BID SUBMISSION STAGE, THE SAID SELLER WILL BECOME INELIGIBLE FOR GETTING THE MSE/MII BENEFITS FOR THAT BID AUTOMATICALLY. THE VENDOR CAN ALWAYS CONTACT THE GEM HELPDESK, IN CASE OF ANY ISSUES.
15. THE PRICE QUOTE BY BIDDER SHOULD BE INCLUSIVE OF GST & SHOULD BE ON BHEL HEEP HARIDWAR STORES BASIS.
16. BIDDER'S OFFER IS LIABLE TO BE REJECTED IF THEY DON'T UPLOAD ANY OF THE CERTIFICATES / DOCUMENTS SOUGHT IN THE BID DOCUMENT, ATC AND CORRIGENDUM IF ANY.
17. **BREACH OF CONTRACT CLAUSE:**

IN CASE OF BREACH OF CONTRACT, WHEREVER THE VALUE OF SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT IS ATLEAST 10% OF THE CONTRACT VALUE, THE SAME BE ENCASHED. IN CASE THE VALUE OF THE SECURITY INSTRUMENTS AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE BALANCE AMOUNT BE RECOVERED FROM OTHER FINANCIAL REMEDIES (I.E. AVAILABLE BILLS OF THE CONTRACTOR, RETENTION AMOUNT, ETC. WITH BHEL) OR LEGAL REMEDIES BE PURSUED.

18. ACTION AGAINST BIDDERS / VENDOR / SUPPLIER / CONTRACTOR IN CASE OF DEFAULT:

IN ORDER TO PROTECT THE COMMERCIAL INTERESTS OF BHEL, BHEL SHALL TAKE ACTION AGAINST SUPPLIES / CONTRACTORS BY WAY OF SUSPENSION OF BUSINESS DEALINGS, WHO EITHER FAIL TO PERFORM OR ARE IN DEFAULT WITHOUT ANY REASONABLE CAUSE, CAUSE LOSS OF BUSINESS/ MONEY/ REPUTATION, INDULGE IN MALPRACTICES, CHEATING, BRIBERY, FRAUD OR ANY OTHER MISCONDUCT OR FORMATION OF CARTELS SO AS TO INFLUENCE THE BIDDING PROCESS OR INFLUENCE THE PRICE ETC. SUSPENSION OF BUSINESS DEALINGS COULD BE IN THE FORM OF "HOLD" OR "BANNING" A SUPPLIER/ CONTRACTOR OR A BIDDER AND SHALL BE AS PER "GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS" AVAILABLE AT BHEL'S WEBSITE <https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors>

19. BIDDERS ARE ADVISED TO CHECK APPLICABLE GST ON THEIR OWN BEFORE QUOTING. BUYER WILL NOT TAKE ANY RESPONSIBILITY IN THIS REGARDS. GST REIMBURSEMENT WILL BE AS PER ACTUALS OR AS PER APPLICABLE RATES (WHICHEVER IS LOWER), SUBJECT TO THE MAXIMUM OF QUOTED GST %.

20. BIDDER SHALL SUBMIT THE FOLLOWING DOCUMENTS ALONG WITH THEIR BID FOR VENDOR CODE CREATION:

A. COPY OF PAN CARD B. COPY OF GSTIN C. COPY OF MSE CERIFICATE

21. DEDICATED /TOLL FREE TELEPHONE NO. FOR SERVICE SUPPORT: BIDDER/OEM MUST HAVE DEDICATED/TOLL FREE TELEPHONE NO. FOR SERVICE SUPPORT.

22. DATA SHEET OF THE PRODUCT(S) OFFERED IN THE BID, ARE TO BE UPLOADED ALONG WITH THE BID DOCUMENTS. BUYERS CAN MATCH AND VERIFY THE DATA SHEET WITH THE PRODUCT SPECIFICATIONS OFFERED. IN CASE OF ANY UNEXPLAINED MISMATCH OF TECHNICAL PARAMETERS, THE BID IS LIABLE FOR REJECTION.

23. SCOPE OF SUPPLY (BID PRICE TO INCLUDE ALL COST COMPONENTS): ONLY SUPPLY OF GOODS.

24. PRODUCTS SUPPLIED SHALL BE NONTOXIC AND HARMLESS TO HEALTH. IN THE CASE OF TOXIC MATERIALS, MATERIAL SAFETY DATA SHEET MAY BE FURNISHED ALONG WITH THE MATERIAL.

25. WHILE GENERATING INVOICE IN GEM PORTAL, THE SELLER MUST UPLOAD SCANNED COPY OF GST INVOICE AND THE SCREENSHOT OF GST PORTAL CONFIRMING PAYMENT OF GST.

26. PAYMENT TERMS SHALL BE AS PER FOLLOWINGS:

- a) **FOR NON-MSES BIDDER:** 100% payment along with taxes, freight & insurance will be made after receipt and acceptance of material and within 90 days from the date of invoice subject to submission of non-discrepant documents within 15 days of supply as per terms and conditions of Purchase Order (THIS IS IN SUPERSESSION OF 10 DAYS' TIME AS PROVIDED IN CLAUSE 12 OF GEM GTC).
- b) **FOR MSES BIDDER:** For MSEs (covered under MSME Act) which are registered and periodically renewed with BHEL, the payment will be made within 45 days or as prescribed in the relevant act. Benefits of MSE (such as EMD Waiver, Tender fee exemption, Price preference, Payment preference etc.) will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. No MSE benefits shall be provided to Agents / Stockists /Dealers / Traders etc. for the items offered but not manufactured by themselves."
- c) **FOR MEDIUM ENTERPRISES:** 100% payment along with taxes, freight & insurance will be made after receipt and acceptance of material and within 60 days from the date of invoice subject to submission of non-discrepant documents within 15 days of supply as per terms and conditions of Purchase Order.
- d) Please note that vendor to adhere to the payment terms as per above. No deviation in payment terms shall be accepted. Vendor to submit their offer accordingly.

MAKE IN INDIA SELF CERTIFICATION

As per Government Public procurement order no. P-45021/2/2017-BE-II dt.15.06.2017 & P45021/2/2017-PP(BE-II) dated 28.05.2018,29.5.2019, 04.6.2020 and amendment dated 16.09.2020, it is hereby certifying that we

.....
..... (supplier name) are(Class-I/Class-II)
local supplier and will meet the requirement of minimum local content of
(50%/20%) as defined in public procurement order dated 04.6.2020 for material against Enquiry no.
..... Details of
location at which local value addition will be made is as follows: -

.....
.....
.....

We also understand, false declarations will be in breach of the code of integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the general financial rules along with such other actions as may be permissible under law.

Note:

As per office order P-45021/102/2019-BE-II-Part (1) (E-50310) Dated 04/03/2021, Bidders can't claim itself as "Class-I local supplier/Class-II local suppliers" by claiming the service such as transportation, insurance, installation, commissioning, training & after sales service support like AMC/CMC etc. as local value addition. Bidder offering imported product will fall under the category of Non-Local supplier.