

BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
PHONE NO: +91 1334 285120

Sub: Procurement of SEGMENT (WELDED) with PARTY Material as per Drawing

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 turbines, turbo generators and so on.

Bids are invited for following items through GeM Portal- <https://gem.gov.in>

SLNO	DRG	DESCRIPTION	LOT-QTY	UNIT	DELIVERY
1	0139070105500	SEGMENT (WELDED)	15	Nos	45 days from PO Date
2	0139070105501	SEGMENT (WELDED)	5	Nos.	45 days from PO Date

Fab. Weight= 239.00 kg. /pc.

Total Fab. Weight= 239x20 =4780 kg.

Scope of Work: - PRE-FAB. M/C & FAB. ONLY.

- a) T.R. of drawings are to be strictly followed .
- b) Painting is in the scope of BHEL.
- c) Physical Inspection by BHEL/ BHEL nominated inspection agency as per drawing and quality plan requirement.
- d) All party material to be procured from BHEL, Haridwar approved sources only.
- e) Quality plan no. QP/QA/216779 rev 00 dated 08.08.2025 is attached, which is to be followed.
- f) Customer's seal (if Any on supplied Material) to be transferred.
- g) All special tests viz., UT,RT ,HYDRAULIC & KEROSENE etc. are to be performed as per drg. Requirements
- h) Copies of the relevant certificates to be supplied to the receiving shop.
- i) Cleaning of parts, removal of mill scale from components prior to assembly will be in scope of vendor
- j) Final Assembly shall undergo cleaning to ensure that all parts are free from dents, mills, spatters
- k) Aesthetic appearance shall also be ensured and inspected before delivery to BHEL.
- l) CHP Clearance may be obtained from NTPC/LLOYD/RITES/NPC at party's end.
- m) Supplier must furnish material test certificates for all the items

Remarks-

1. Delivery mentioned above is indicative, bidders to quote their best possible delivery schedule.
2. Payment terms shall be as follows:

The payment shall be made within no. of days as defined in the below table from appointed day

Type of Bidder	Payment Terms (Number of days)
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Micro & Small Enterprises (MSEs)	45 days
Medium Enterprises	60 days
Non MSME	90 days

Appointed day means

- The day of material entry in HEEP (i.e. CISF Stamp date), subject to submission of non-discrepant documents by vendor as per Purchase Order.
- Or
- Where there is any objection regarding acceptance of goods, the same shall be informed to supplier within fifteen days from the day of the delivery of good. Appointed day will be the day on which such objection is removed by the supplier.
- For BOIs, the appointed day means the date of receipt of material at respective project Site (i.e. MRC date).

Note: Benefits of MSE (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 / Stuckists / Dealers / Traders etc. for the items offered but not manufactured by themselves

3. Breach of contract: -

- Rest terms and conditions shall be as per latest GeM GTC and buyer added bid ATC document.
- Vendor should raise inspection call for BHEL / TPI inspection at least 4 days in advance to the planned date of inspection. If customer inspection is envisaged at vendor's works, vendor should give inspection call at least 7 days in advance to the planned date of inspection.
- 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 19.07.2024 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.
- The bids received from same IP address shall be outrightly rejected and shall not be considered for further evaluation.
- For supply orders placed on Indian Suppliers:** Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the dispatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/> , prior to dispatch. 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 up to 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.”

9. Declaration by bidder regarding Conflict of interest

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorized distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Signature with stamp

Name:

Name of Firm:

Designation:

Date:

PQR

Pre-Qualification Requirement/Technical Requirement

- i. Remarks column to be filled**
- ii. This Document to be stamped and signed.**

PQR

Item : All the items of Indent No: 20250477			
PRE-QUALIFICATION REQUIREMENT			
01.00	TECHNICAL REQUIREMENT	Required	Vendor's Offer
01.01	Vendors should have experience of fabricating (cutting/bending/assembly/welding/pre-fabrication machining) and supplying of atleast 1 Nos Segment Fabricated assembly or equivalent Fabricated assembly having size 500X300mmX300mm (LXBXH) and above and weight 200 Kg and above in last 10 years from the date of enquiry.	Vendor to Comply & submit suitable evidence	
01.02	Manufacturing Facilities Required: i) Lifting facility and capacity at vendor works should EOT crane 1 Tons and above. ii) Vendor must have levelled bed plate size : Length= 750 mm and Breadth=750 mm and above to fabricate the job (Note: Concrete floor not acceptable). (iii) Vendor must have suitable WPS/PQR and qualified welders for welding approved by Third Party and submit documentary evidence with offer. (iv) Vendor must have cutting facility to cut plate of thickness 36 mm and above. (v) Vendor must have rolling/bending facility of plate thickness 36 mm and above at width of 370 mm and above. (vi) Vendor must have bending facility of making cone of plate thickness 16 mm and above at width of 350 mm and above.	Vendor to Comply & submit suitable evidence including technical specifications, technical brochure, photographs etc. of the facilities.	
01.03	Vendor to furnish certificate against clause 01.01 from the customer / company or end user duly confirming that Segment Fabricated assembly or equivalent Fabricated assembly having size 500mmX300mmX300mm (LXBXH) and above and weight 200 kg and above was supplied and used for Hydro Pump or turbine/power plant/capital goods/infrastructure application OR Vendor to submit documentary evidence as per clause 1.04.	Vendor to Comply & submit suitable documents	
01.04	Vendor to furnish name of customer/company with complete contact details and month /year of previous supply along with copy of PO, type of manufacturing facility used for fabrication (assembly/welding/pre-fabrication machining), supply documents, Payment details (invoice copy) and inspection documents of supplied Segment Fabricated assembly or equivalent Fabricated assembly having size 500mmX300mmX300mm (LXBXH) and above and weight 200 kg and above	Vendor to Comply & submit suitable documents	
01.05	All PQR documents are to be stamped and signed in original by Vendor. In case documents and official stamp is in language other than English, documents and details of official stamp are to be translated in English and duly certified by Government agency/approved agency of Government/Embassy.	Vendor to Comply & submit suitable documents	
01.06	BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, their offers shall be rejected.	Vendor to agree	
NOTE: PQR is not restrictive			

12/08/2025

Mohd Intazam
By Manager/PTX



12/08/25
Ravi Deswal
Mys (FT)

12/8/25
Vishwanath
Same BHEL

QUALITY PLAN
(To be stamped and signed)

Manufacturer Name and Address		MANUFACTURING QUALITY PLAN								APPLICABILITIES TO			
BHEL Haridwar approved vendors/sub-contractors only		ITEM/ EQUIPM- ENTS	SEGMENT (WELDED) (ITEM AT SL. NO. 1 & 2 OF INDENT NO. 20250477)					Q.P. NO	QP/QA/216779				
								DATE	08.08.2025				
								REV. NO.	00	CONTRACTOR		BHEL (HEEP) HWR	
								PAGE NO.	1 of 2	Indent		INDENT NO. 20250477 REV. 00	
Sl. No.	COMPONENT OPERATION	CHARACTRISTIC CHECKED	CATEGORY	TYPE/ METHOD OF CHECKED	QUANT-UM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE DOCUMENT	FORMAT OF RECORD	D	AGENCY			REMARKS
										M	B	C	
1	2	3	4	5	6	7	8	9	10	11	12	13	14

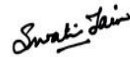

1	Material Receiving Inspection	Review of Supplier Test Certificate of Material for all the party materials	Major	Visual inspection	100 %	As per drg./ Standard	As per drg./ Standard	TC	√	P	V	-	All party material to be procured from BHEL, Haridwar approved sources with following condition: In all the cases a mill test certificate correlating with the component for verification of conformance of the material as per the requirement is essential.
2	<u>IN PROCESS-INSPECTION</u>												
2.1	WPS, PQR & WPQ Qualification	Scrutinizing	Major	Record check	100%	ASME SEC IX	ASME SEC IX	Test Report	-	P	V	-	BHEL /BHEL approved agency WPS/PQR/WPQ shall be used
2.2	Marking, Cutting & Edge Preparation	i) Marking	Major	Marking check	100 %	As per drg./ Standard	As per drg./ Standard	-	-	P	-	-	
		ii) Dimension	Major	Measurement	100%	As per drg./ Standard	As per drg./ Standard	-	-	P	-	-	
		iii) Edge preparation	Minor	Measurement	100%	As per drg./ Standard	As per drg./ Standard	-	-	P	-	-	
2.3	Welding Operation	i) Fit up	Major	Visual	100%	As per drg./ Standard	As per drg./ Standard	Obs. sheet	√	P	V	-	1) BHEL approved electrode shall be used during welding 2) Qualified welders by BHEL /BHEL approved agency in accordance with ASME Section IX will be deployed on the job.

Manufacturer/Subcontractor			Legends: P Perform by; W Witness by; V Record review; C Customer; B BHEL/BHEL Representative; M Manufacturer/ sub-contractor; D: Documents with tick mark shall be submitted by vendor to BHEL.					For BHEL Use <div>   </div> <div> स्वाती जैन प्रबंधक गुणता आश्वासन </div> <div> ब्रज भूषण त्रिपाठी वरिष्ठ प्रबंधक गुणता आश्वासन </div>				
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Manufacturer Name and Address		MANUFACTURING QUALITY PLAN								APPLICABILITIES TO			
BHEL Haridwar approved vendors/sub-contractors only		ITEM/ EQUIPM- ENTS	SEGMENT (WELDED) (ITEM AT SL. NO. 1 & 2 OF INDENT NO. 20250477)					Q.P. NO	QP/QA/216779				
								DATE	08.08.2025				
								REV. NO.	00	CONTRACTOR		BHEL (HEEP) HWR	
								PAGE NO.	2 of 2	Indent		INDENT NO. 20250477 REV. 00	
Sl. No.	COMPONENT OPERATION	CHARACTRISTIC CHECKED	CATEGORY	TYPE/ METHOD OF CHECKED	QUANT-UM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE DOCUMENT	FORMAT OF RECORD	D	AGENCY			REMARKS
										M	B	C	
1	2	3	4	5	6	7	8	9	10	11	12	13	14

		ii) Visual inspection of welds	Major	Visual	100%	As per drg./ Standard	As per drg./ Standard	Obs. sheet	√	P	V	-	
		iii) NDT, as applicable	Major	NDT	As per drg.	As per drg./ Standard	As per drg./ Standard	Report	√	P	W		
3	<u>FINAL INSPECTION</u>												
3.1		i) Verification of dimension & inspection	Major	Visual & measurement	100%	As per drg./ Standard	As per drg./ Standard	Obs. Sheet	√	P	W	-	
		ii) Completeness of Job, Documentation	Major	Visual	-	-	Drg./QP	Record	-	P	V	-	Item shall be dispatched to BHEL after acceptance by BHEL nominated agency after duly identifying by punching P.O. No., drg no. Plant Order No. and I.R. No.

Note: All requirements of P.O., drawing and standard shall be fulfilled.

Manufacturer/Subcontractor	Legends: P Perform by; W Witness by; V Record review; C Customer; B BHEL/BHEL Representative; M Manufacturer/ sub-contractor; D: Documents with tick mark shall be submitted by vendor to BHEL.	For BHEL Use <div>  स्वाती जैन प्रबंधक गुणता आश्वासन </div> <div>  ब्रज भूषण त्रिपाठी वरिष्ठ प्रबंधक गुणता आश्वासन </div>
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(Make in India)
(to be filled stamped and signed)

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 04TH
JUNE, 2020 AND SUBSEQUENT ORDER(S)**

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,

(BHEL HEEP Haridwar)

Dear Sir,

Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref: 1) GeM Bid Specification No:
2) All other pertinent issues till date

We hereby certify that the items/works/services offered by..... *(specify the name of the organization here)* has a local content of _____ % and this meets the local content requirement for **'Class-I local supplier' / 'Class II local supplier'** ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 04.06.2020 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |

...

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

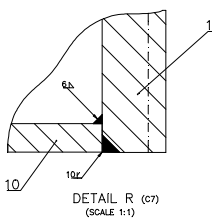
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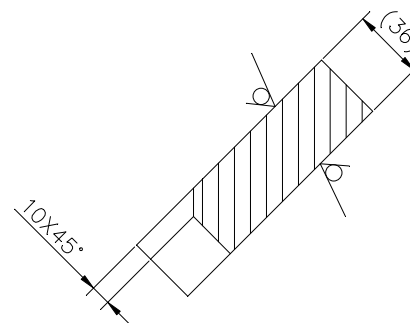
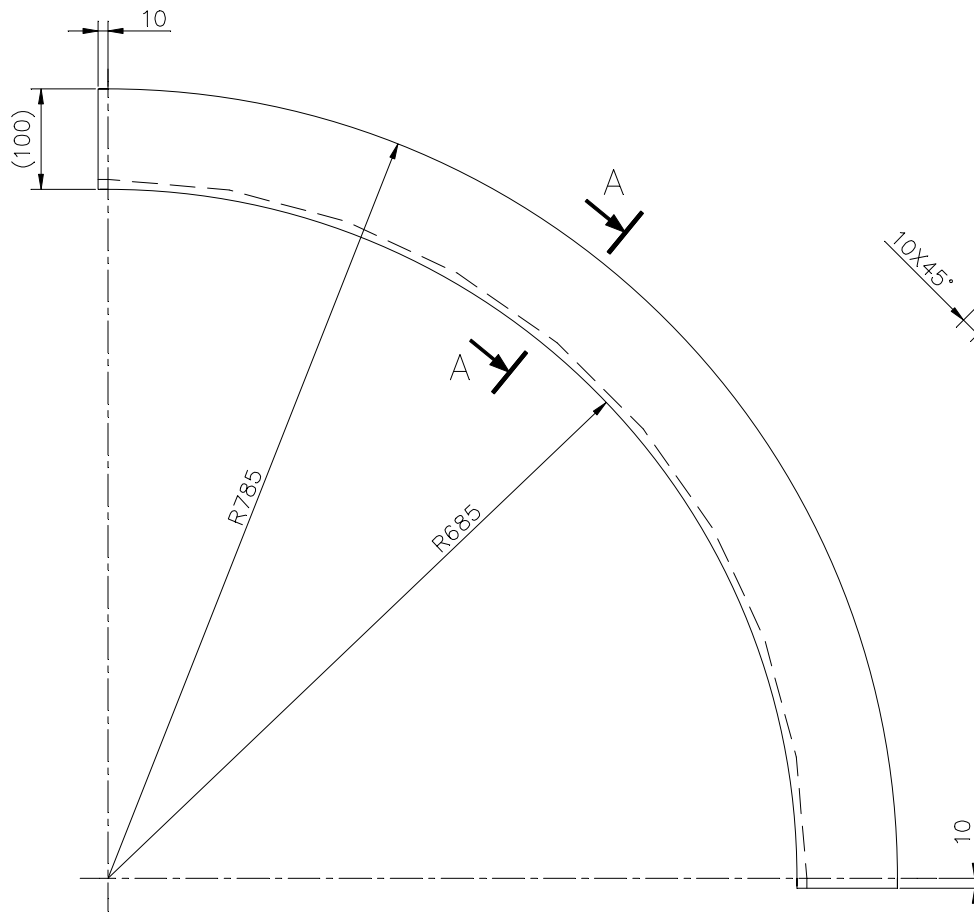
Note:

1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

Specification/Drawings
(to be referred/followed)

- I. 0139070105500
- II. 0139070105501



DRAWING NO.
3139070102850/
ALONG CONTOURSECTION AA
(SCALE 1:2.5)

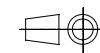
TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

				CBOM NO. 01390701054		STATUS OF DRG.	
				AGREED DEPT.	NAME	SIGN	DATE
GRADE OF UNTOL. DIM.: –				WTX	AWTXBLM	AWTXBLM	02/06/2020
M/CG– V/Q/M/F AA 0230208							
WELDING– A/B/C/D –AA621104							
GAS CUTTING–'T3'AA0621101							
REV.	DATE	ALTERED		REV.	DATE	ALTERED	
		CHECKED				CHECKED	

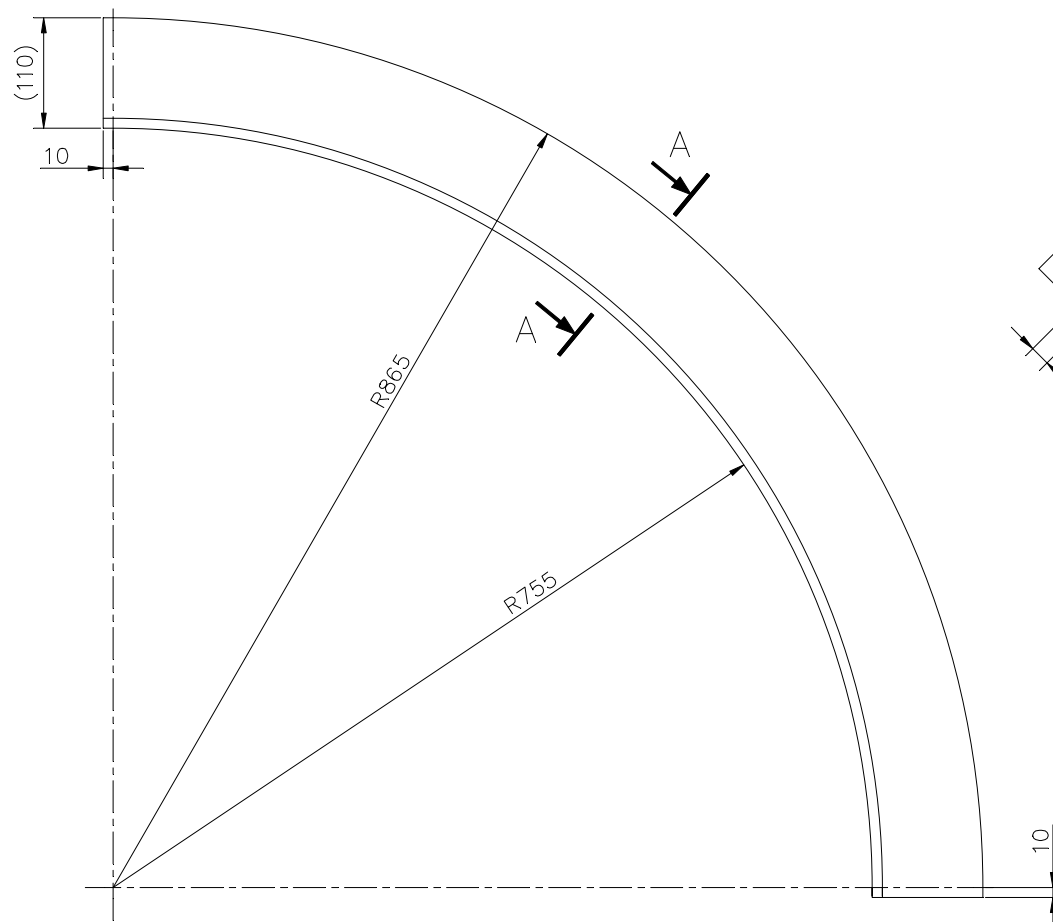
TYPE OF PRODUCT
OR
NAME OF CUSTOMER/ PROJECT

THDF 125/67

BHARAT HEAVY ELECTRICALS LTD.
HARDWARDEPT. TGE
CODE 4133SCALE
1:5WEIGHT(Kg.)
32.60REF. TO ASSY. DRG.
01390701055ITEM NO.
01TITLE
QUARTER SEGMENTDRAWING NO.
31390701028

SHEET NO.1 NO.OF SHEETS 1

SIZE A3

DRAWING NO.
3139070102950/
ALONG CONTOURSECTION AA
(SCALE 1:2.5)

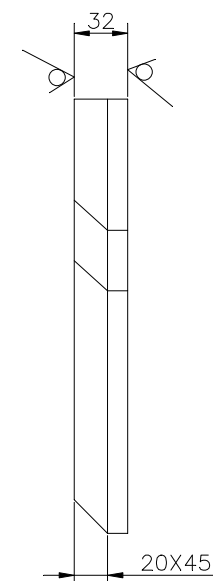
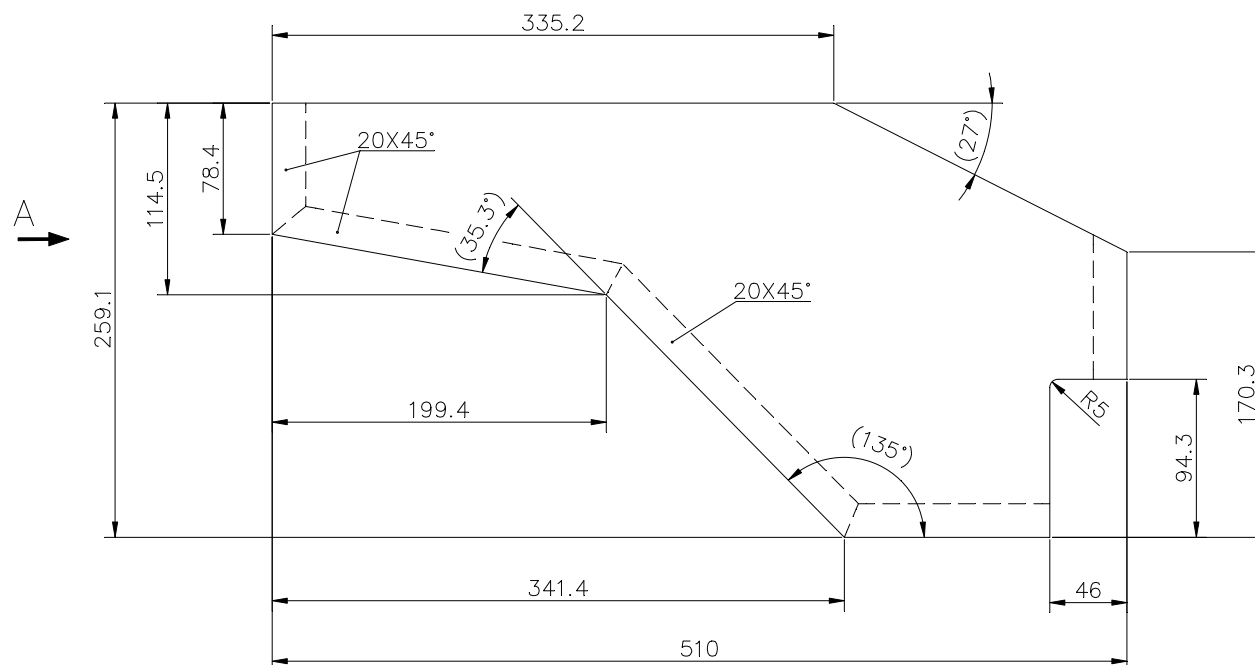
TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

GRADE OF UNTOL. DIM.: -				CBOM NO. 01390701054		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT				THDF 125/67																			
M/CG- V/Q/M/F AA 0230208				WTX		AWTXBLM		SIGN		DATE		DRN		STGEPM		SIGN		DATE		NO.OF VAR.											
WELDING-A/B/C/D-AA621104												CHD		STGEAM		STGEAM		22/05/2020													
GAS CUTTING-'T3'AA0621101												APD		ATGERK		ATGERK		03/06/2020		73, 74											
REV.		DATE		ALTERED CHECKED		REV.		DATE		ALTERED CHECKED		DEPT.		TGE		SCALE		WEIGHT(Kg.)		REF. TO ASSY. DRG.		ITEM NO.		NO.OF ITEMS							
												CODE		4133		1:5		39.50		01390701055		02		75, 77							
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QUARTER SEGMENT												SHEET NO.1										NO.OF SHEETS 1									

DRAWING NO. 31390701030


50/
✓ ALONG CONTOUR



VIEW A

TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

	CBOM NO. 01390701054			STATUS OF DRG.	TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT						THDF 125/67					
GRADE OF UNTOL. DIM.: -	AGREED DEPT.	NAME	SIGN	DATE												
M/CG- Y/Q/M/F AA 0230208	WTX	AWTXBLM	AWTXBLM	02/06/2020												
WELDING-A/B/C/D-AA621104																
GAS CUTTING-T3'AA0621101																
REV. DATE ALTERED CHECKED	REV. DATE	ALTERED CHECKED			DEPT. TGE			SCALE	WEIGHT(Kg.)	REF. TO ASSY. DRG.		ITEM NO.	NO.OF ITEMS			
					CODE 4133	1:3		18.40	01390701055		05					
					TITLE				DRAWING NO.							
					RIB				31390701030							
									SHEET NO.1		NO.OF SHEETS 1					

SIZE A3

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CONFIDENTIAL AND CONFIDENTIAL

DPPPG-70140571#005
REF. DRG NO.

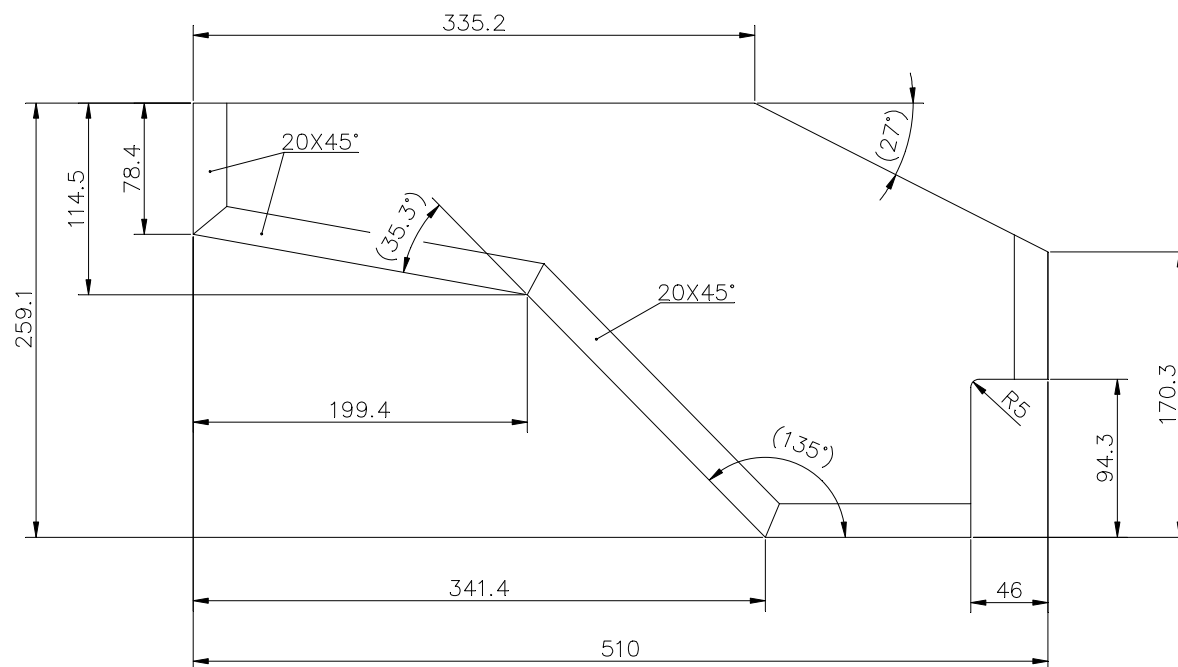
SIGN & DATE

INVENTORY NO.

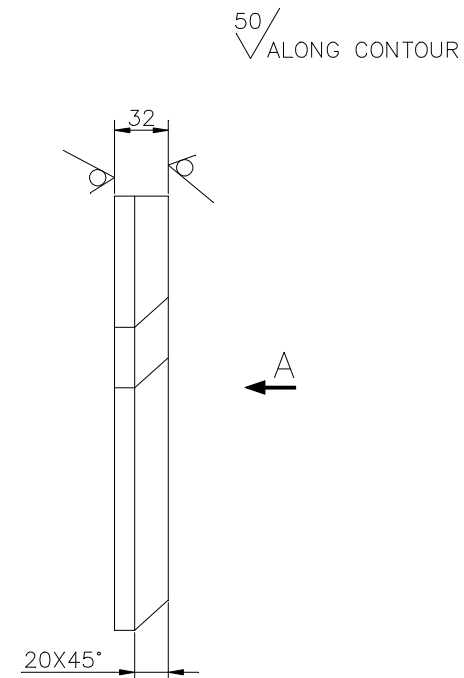
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

FORM: DG-38(B)

DRAWING NO.
31390701031

VIEW A

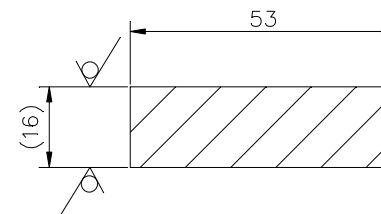
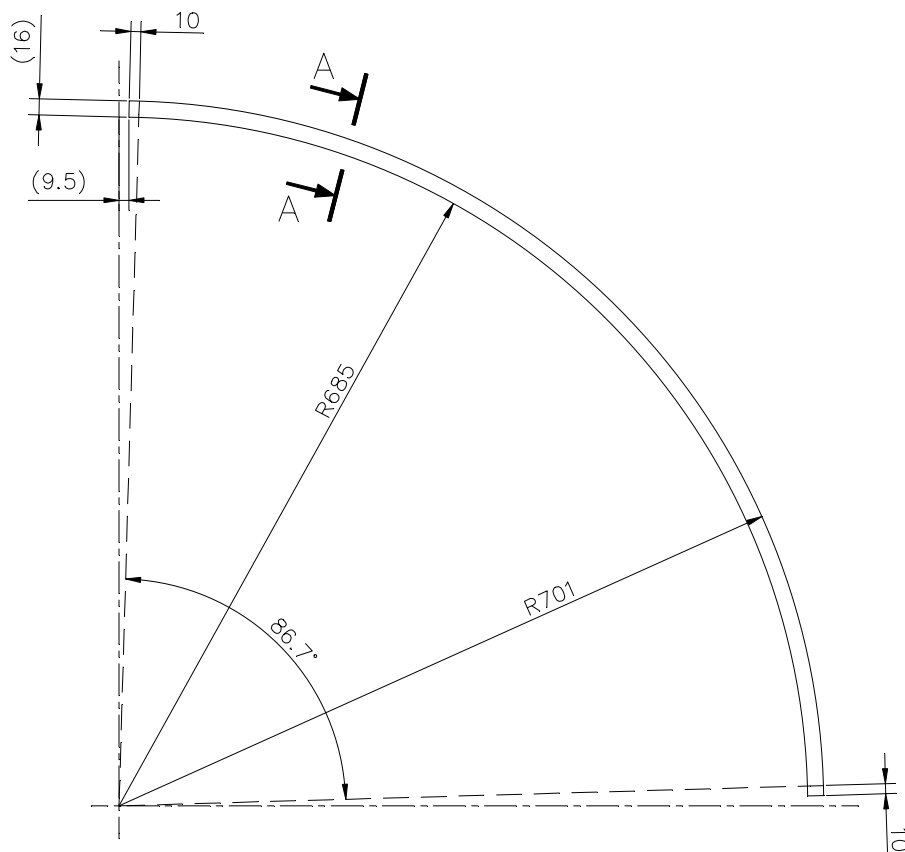


TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

CBOM NO. 01390701054		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT		THDF 125/67					
AGREED DEPT.	NAME	SIGN	DATE	DRN	NAME	SIGN	DATE	NO.OF VAR.			
WTX	AWTXBLM	AWTXBLM	02/06/2020	CHD	STGEPM	STGEPM	21/05/2020				
GRADE OF UNTOL. DIM.: -				APD	STGEAM	STGEAM	22/05/2020				
M/CG- Y/Q/M/F AA 0230208				BPHARAT HEAVY ELECTRICALS LTD. HARDWAR		ATGERK		ATGERK	03/06/2020	73, 74	
WELDING-A/B/C/D-AA621104				DEPT. TGE		WEIGHT(Kg.)		REF. TO ASSY. DRG.		ITEM NO.	NO.OF ITEMS
GAS CUTTING-'T3'AA0621101				CODE 4133		1: 3		18.40		01390701055	06
REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED	TITLE		DRAWING NO.			
						RIB		31390701031			
								SHEET NO.1		NO.OF SHEETS 1	

SIZE A3

DRAWING NO.
3139070103250/
✓ ALONG CONTOURSECTION AA
(SCALE 1:1)

TECHNICAL REQUIREMENT

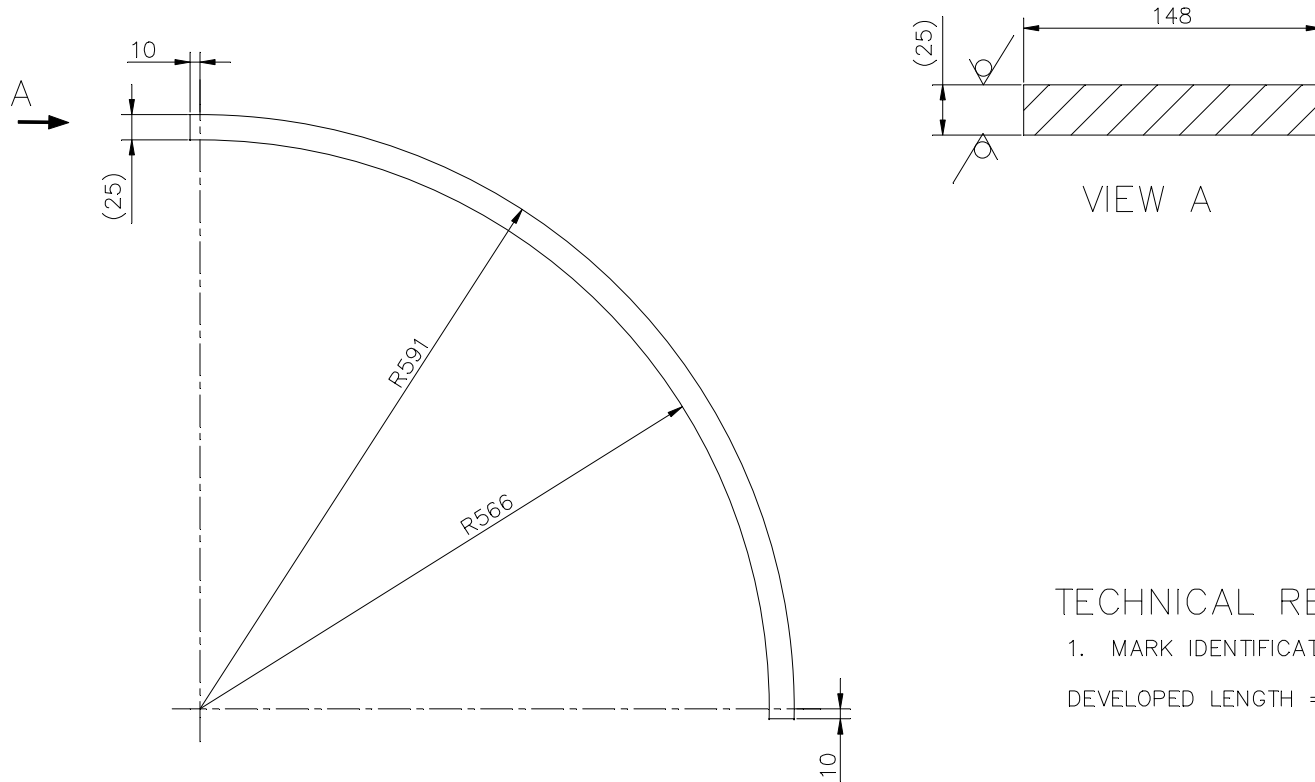
1. MARK IDENTIFICATION ACCORDING TO HW0400397.

DEVELOPED LENGTH = 1070MM.

GRADE OF UNTOL. DIM.: -				CBOM NO. 01390701054		STATUS OF DRG.		TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT				THDF 125/67													
M/CG- V/Ø/M/F AA 0230208				WTX		AWTXBLM		AWTXBLM		02/06/2020															
WELDING-A/B/C/D-AA621104																									
GAS CUTTING-'T3'AA0621101																									
REV.		DATE		ALTERED		REV.		DATE		ALTERED		DEPT.		TGE		SCALE		WEIGHT(Kg.)		REF. TO ASSY. DRG.		ITEM NO.		NO.OF ITEMS	
				CHECKED						CHECKED						1:5		7.50		01390701055		10		75, 77	
												TITLE				DRAWING NO.				31390701032					
												QUARTER RING				SHEET NO.1				NO.OF SHEETS 1					

DRAWING NO. 31390701033

50/
√ ALONG CONTOUR

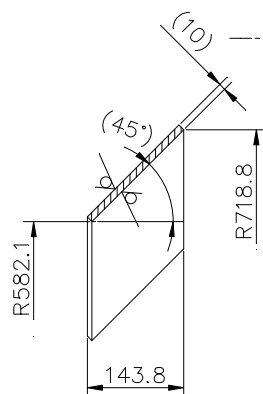
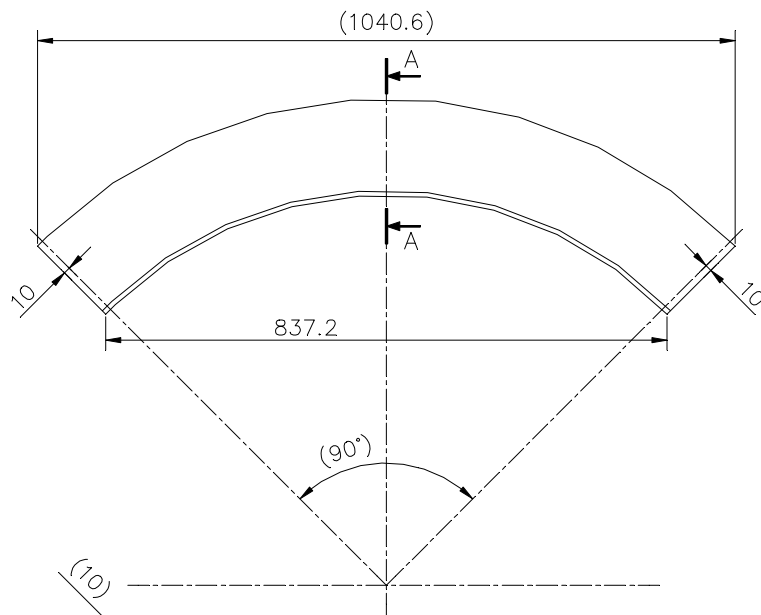


TECHNICAL REQUIREMENT

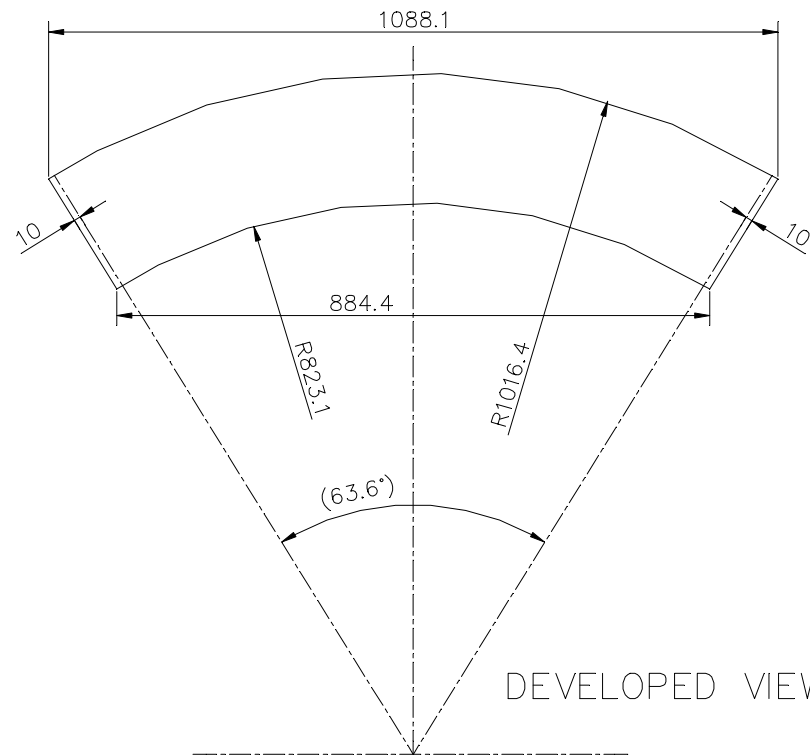
1. MARK IDENTIFICATION ACCORDING TO HW0400397.
DEVELOPED LENGTH = 935MM.

[illegible]

SIZE A3

DRAWING NO.
3139070103450/
✓ ALONG CONTOUR

SECTION AA



DEVELOPED VIEW

TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

DPPPG-70140571#009
REF. DRG NO.

SIGN & DATE

INVENTORY NO.

CBOM NO. 01390701054				STATUS OF DRG.	
AGREED DEPT.	NAME	SIGN	DATE		
WTX	AWTXBLM	AWTXBLM	02/06/2020		
REV.	DATE	ALTERED CHECKED	REV.	DATE	ALTERED CHECKED

GRADE OF UNTOL. DIM.: -

M/CG- X/Y/M/F AA 0230208

WELDING-A/B/C/D-AA621104

GAS CUTTING-'T3'AA0621101

TYPE OF PRODUCT

OR

NAME OF CUSTOMER/ PROJECT

THDF 125/67

BHARAT HEAVY ELECTRICALS LTD.
HARDWAR

DEPT. TGE

CODE 4133



SCALE

1:5

WEIGHT(Kg.)

15.60

REF. TO ASSY. DRG.

01390701055

DRAWING NO.

31390701034

SHEET NO.1

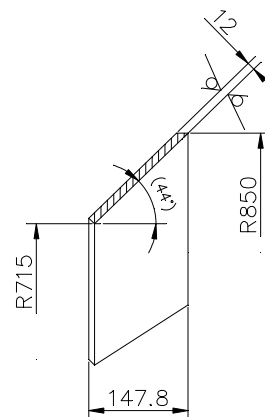
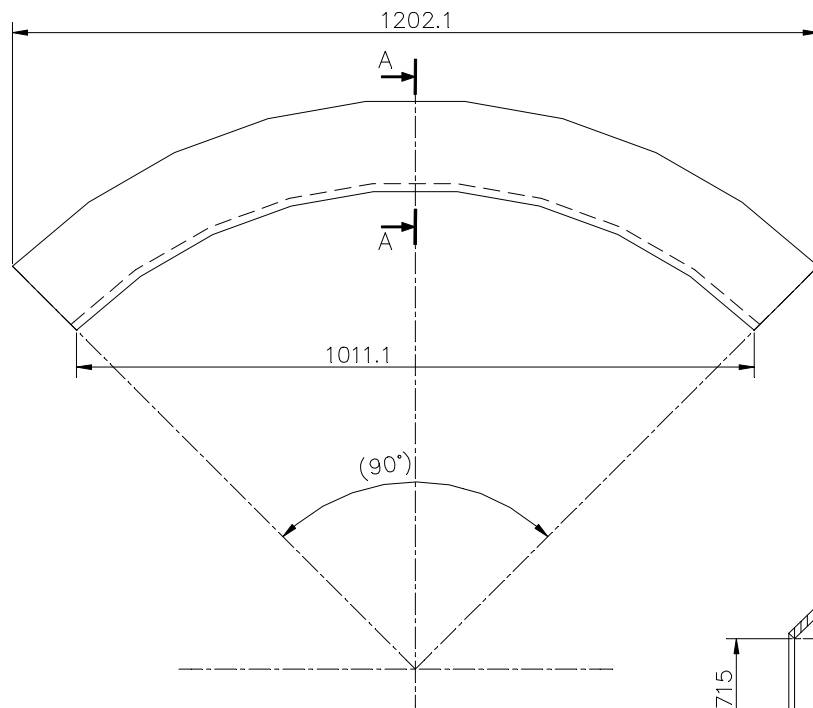
NO.OF SHEETS 1

SIZE A3

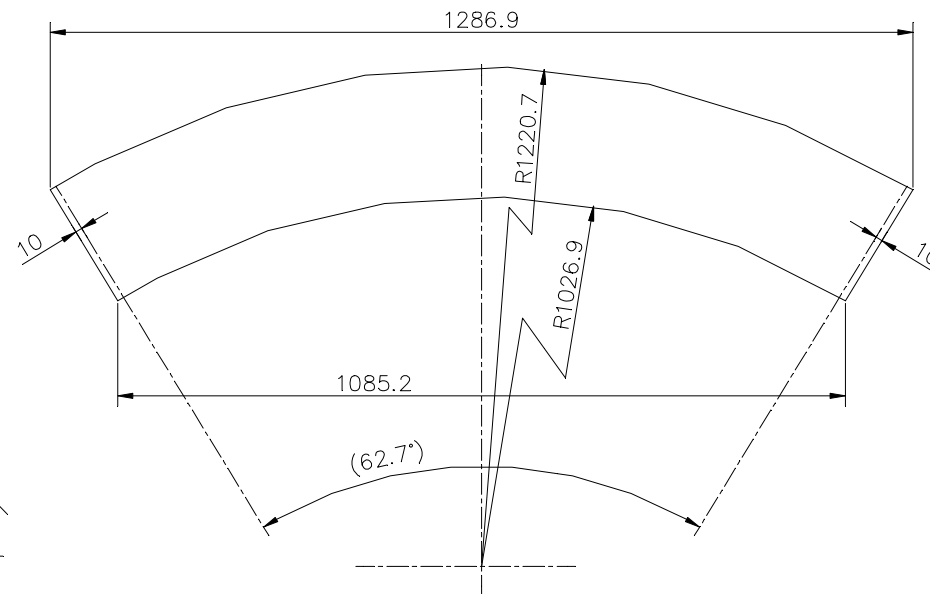
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

FORM: DG-38(B)

DRAWING NO.
3139070103550/
ALONG CONTOUR

SECTION AA




DEVELOPED VIEW

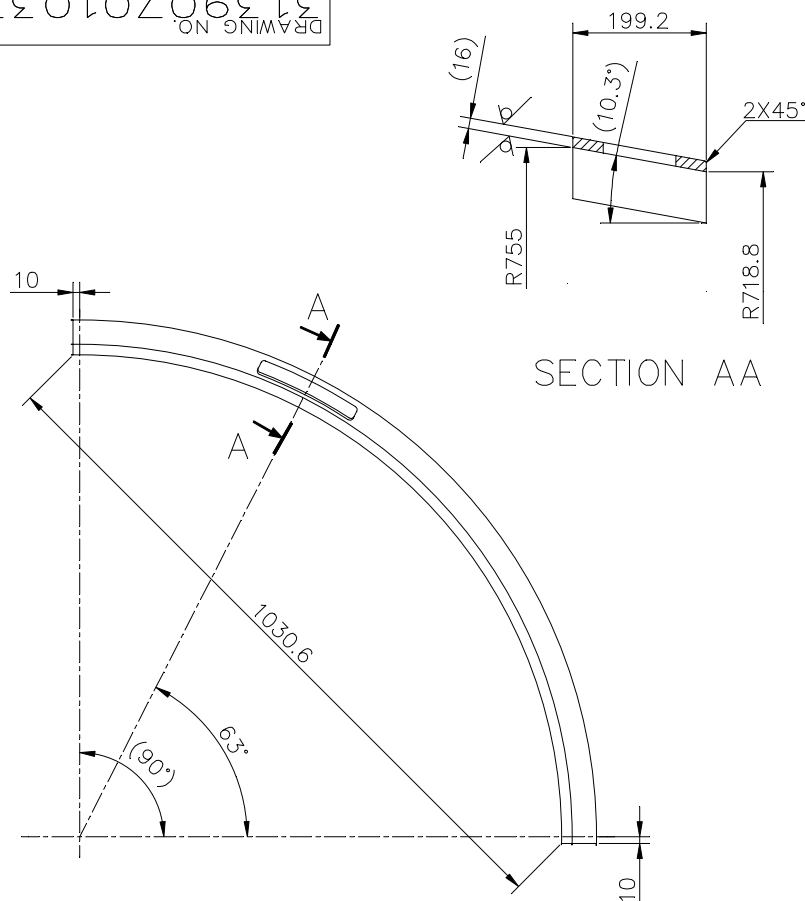
TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

CBOM NO.				STATUS OF DRG.	
01390701054					
AGREED DEPT.	NAME	SIGN	DATE		
WTX	AWTXBLM	AWTXBLM	02/06/2020		
GRADE OF UNTOL. DIM.: -					
M/CG- X/E/M/F AA 0230208					
WELDING-A/B/C/D-AA621104					
GAS CUTTING-'T3'AA0621101					
REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED

TYPE OF PRODUCT OR		THDF 125/67			
NAME OF CUSTOMER/ PROJECT					
 BHARAT HEAVY ELECTRICALS LTD. HARDWAR		DRN	STGEPM	SIGN	DATE
		CHD	STGEAM	STGEAM	21/05/2020
		APD	ATGERK	ATGERK	22/05/2020
DEPT. TGE	SCALE	WEIGHT(Kg.)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
CODE 4133	1:5	21.50	01390701055	03	75, 77
TITLE		DRAWING NO.		NO.OF SHEETS	
QUARTER SEGMENT CONE		31390701035		1	
		SHEET NO.1		NO.OF SHEETS 1	

SIZE A3

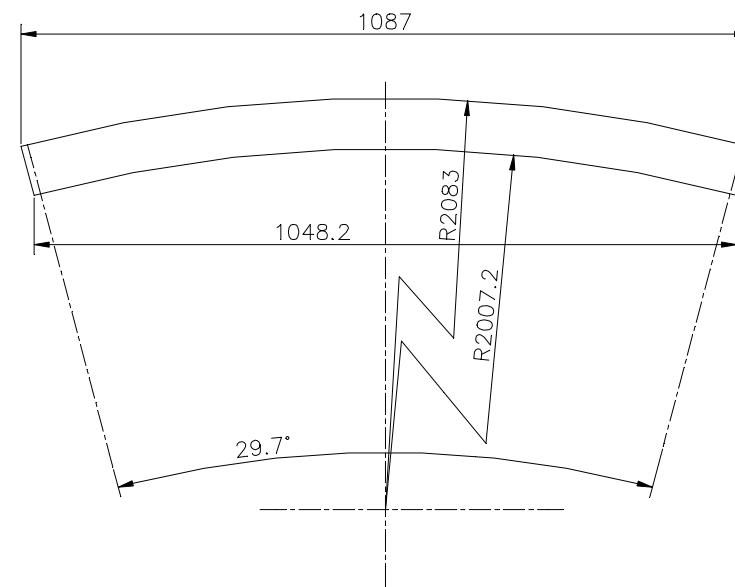
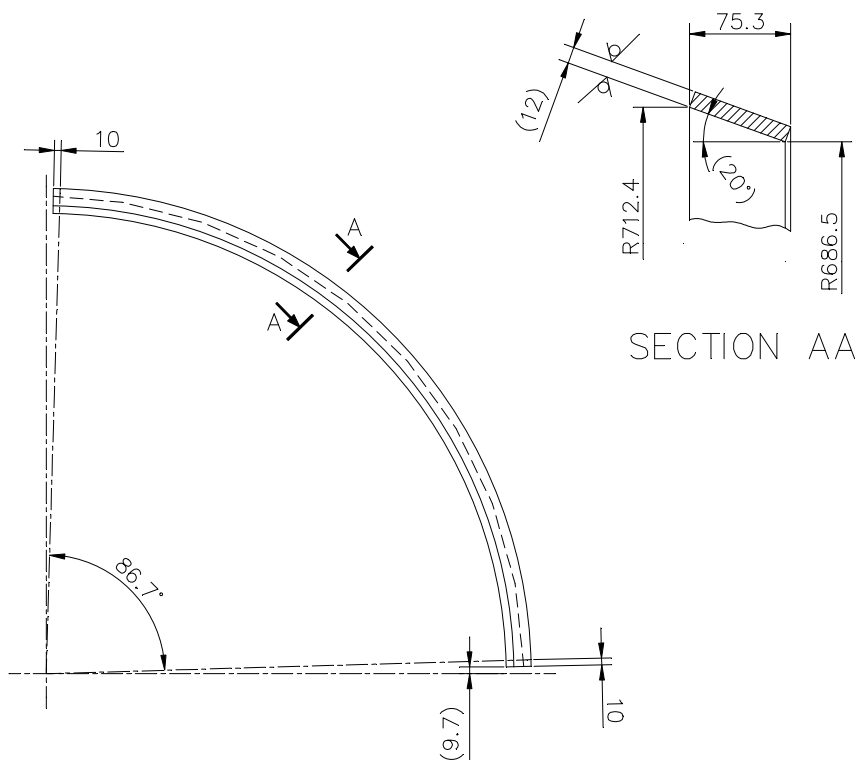
DRAWING NO.
3139070103750/
✓ ALONG CONTOUR

TECHNICAL REQUIREMENT

1. MARK IDENTIFICATION ACCORDING TO HW0400397.

GRADE OF UNTOL. DIM.: -		CBOM NO. 01390701054		STATUS OF DRG.	
M/CG- X/Ø/M/F AA 0230208		WTX AWTXB LM		WTX AWTXB LM	
WELDING- A/B/C/D-AA621104					
GAS CUTTING- 'T3' AA0621101					
REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED

TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT		THDF 125/67	
BHARAT HEAVY ELECTRICALS LTD. HARDWAR		DRN STGEPM SIGN STGEPM DATE 21/05/2020	
DEPT. TGE		CHD STGEAM SIGN STGEAM DATE 22/05/2020	
CODE 4133		APD ATGERK SIGN ATGERK DATE 03/06/2020	
TITLE QUARTER SEGMENT CONE		REF. TO ASSY. DRG. 01390701055	
SCALE 1:5		WEIGHT(Kg.) 30.20	
DRAWING NO. 31390701037		ITEM NO. 12	
SHEET NO.1		NO.OF SHEETS 1	

DRAWING NO.
3139070103850/
ALONG CONTOUR

DEVELOPED VIEW

TECHNICAL REQUIREMENT



1. MARK IDENTIFICATION ACCORDING TO HW0400397.

DPPPG-70140571#019
REF. DRG NO.

SIGN & DATE

INVENTORY NO.

				CBOM NO. 01390701054		STATUS OF DRG.	
				AGREED DEPT.	NAME	SIGN	DATE
GRADE OF UNTOL. DIM.: –				WTX	AWTXBLM	AWTXBLM	02/06/2020
M/CG– V/E/M/F AA 0230208							
WELDING– A/B/C/D =AA621104							
GAS CUTTING–'T3'AA0621101							
REV.	DATE	ALTERED CHECKED		REV.	DATE	ALTERED CHECKED	

TYPE OF PRODUCT OR NAME OF CUSTOMER/ PROJECT				THDF 125/67				
<div><div>बी एच ई लिमिटेड</div><div></div></div> <div>BHARAT HEAVY ELECTRICALS LTD. HARDWAR</div>					NAME	SIGN	DATE	NO.OF VAR.
				DRN	STGEPM	STGEPM	21/05/2020	
				CHD	STGEAM	STGEAM	22/05/2020	
				APD	ATGERK	ATGERK	03/06/2020	73 , 74
DEPT. TGE		SCALE	WEIGHT(Kg.)	REF. TO ASSY. DRG.			ITEM NO.	NO.OF ITEMS
CODE 4133		1:5	7.80	01390701055			11	75 , 77
TITLE				1	3	DRAWING NO.		
QUARTER SEGMENT CONE						31390701038		22, 23 , 24
				SHEET NO.1		NO.OF SHEETS 1		

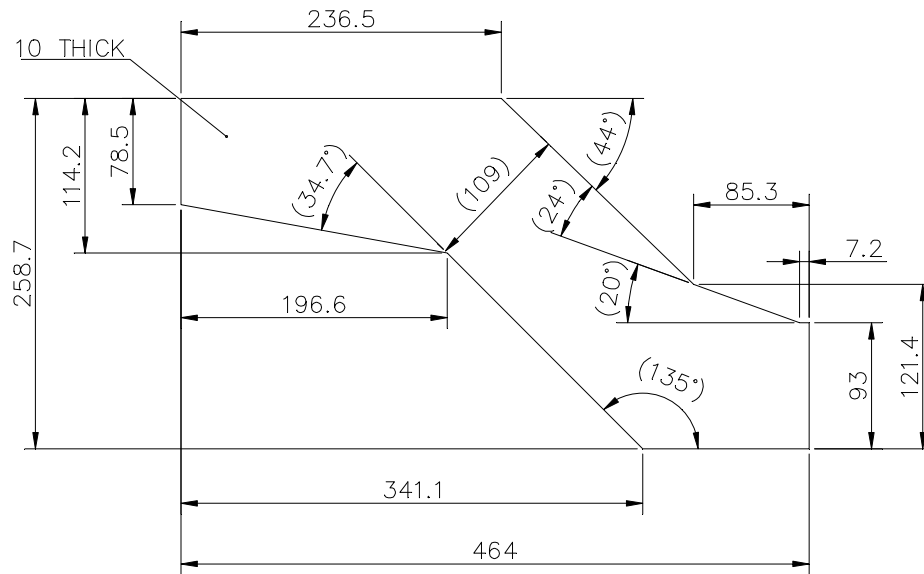
SIZE A3

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm) FORM DG 39(B)

REV	DATE	ALTERED CHECKED	REV	DATE	ALTERED CHECKED	CBOM No. 01390701054		STATUS OF DRG	
						AGREED DEPT.	NAME	SIGN	DATE
						WTX	AWTXBLM	AWTXBLM	02/06/2020

GRADE OF UNTOL.DIM.M/CGC/M/F.AA0230208 WELDING A/B/C/D-AA0621104 GAS CUTTING-T3 AA0621101

50/
✓ ALONG CONTOUR

TECHNICAL REQUIREMENTS


1. IDENTIFICATION ACCORDING TO HW0400397.

DPPPG-70140571#004
REF.DRG.No.

SIGN & DATE

BHARAT HEAVY ELECTRICALS LTD
HARDWAR

	NAME	SIGN	DATE	NO. OF VAR
DRN	STGEPM	STGEPM	21/05/2020	
CHD	STGEAM	STGEAM	22/05/2020	
APD	ATGERK	ATGERK	03/06/2020	

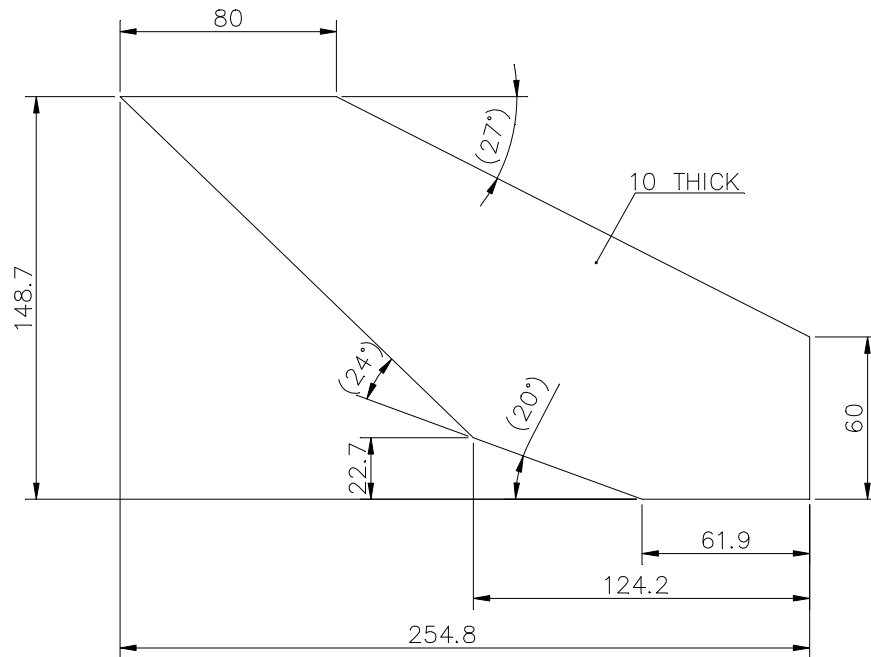
INVENTORY No.	DEPT.TGE		SCALE	WEIGHT(Kg)	REF.TO ASSY.DRG.	ITEM No.	No OF ITEMS	
	CODE 4133		1: 4	4.30	01390701055	04		
	TITLE				DRAWING No.			
	RIB				41390701070			
	THDF 125/67				SHEET No. 1		No.OF SHEETS1	

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm) FORM DG 39(B)

REV	DATE	ALTERED CHECKED	REV	DATE	ALTERED CHECKED	CBOM No. 01390701054		STATUS OF DRG	
						AGREED DEPT.	NAME	SIGN	DATE
						WTX	AWTXBLM	AWTXBLM	02/06/2020

GRADE OF UNTOL.DIM.M/CGC/M/F.AA0230208 WELDING A/B/C/D-AA0621104 GAS CUTTING-T3 AA0621101

50/
✓ ALONG CONTOUR

TECHNICAL REQUIREMENTS


1. IDENTIFICATION ACCORDING TO HW0400397.

DPPPG-70140571#026
REF.DRG.No.

SIGN & DATE

BHARAT HEAVY ELECTRICALS LTD
HARDWAR

	NAME	SIGN	DATE	NO. OF VAR
DRN	STGEPM	STGEPM	21/05/2020	
CHD	STGEAM	STGEAM	22/05/2020	
APD	ATGERK	ATGERK	03/06/2020	

INVENTORY No.	DEPT.TGE		SCALE	WEIGHT(Kg)	REF.TO ASSY.DRG.	ITEM No.	No OF ITEMS	
	CODE 4133		1: 2	1.43	01390701055	13		
	TITLE				DRAWING No.			
	RIB				41390701071			
	THDF 125/67				SHEET No. 1		No.OF SHEETS1	



BILL OF MATERIAL

Printed
On:07.08.2025

BOM No: 01390701055

Var: 00

Revno: 0

Rev Date: 22.05.2020

Printed By:

Description: SEGMENT (WELDED)

Tot wt: 239.0

Item No	Qty(Total)	Zone	Drawingno Var Mvar	Mat Code	Mat Spec	Weight
Typ	Cat		Description		Assy. Remarks	
			Var/Matl. Description		GRP	Fab Wt
0			01390701055 00			239.0
1(1)			SEGMENT (WELDED)			
MF	DR		THDF 125/67		N	239.0
1			31390701028 00	AA1011819180	AA10119	32.6
1(1)			QUARTER SEGMENT			
MF	DR	C7				
2			31390701029 00	AA1011819180	AA10119	39.5
1(1)			QUARTER SEGMENT			
MF	DR	D11				
3			31390701035 00	AA1011819090	AA10119	21.5
1(1)			QUARTER SEGMENT CONE			
MF	DR	E9				
4			41390701070 00	AA1011819074	AA10119	4.3
4(4)			RIB			
MF	DR	E10				
5			31390701030 00	AA1011819171	AA10119	18.4
1(1)			RIB			
MF	DR	E5				
6			31390701031 00	AA1011819171	AA10119	18.4
1(1)			RIB			
MF	DR	E1				
7			31390701033 00	AA1011819155	AA10119	27.2
1(1)			QUARTER RING			
MF	DR	B8				
9			31390701034 00	AA1011819074	AA10119	15.6
1(1)			QUARTER SEGMENT CONE			
MF	DR	B9				
10			31390701032 00	AA1011819112	AA10119	7.5
1(1)			QUARTER RING			
MF	DR	D6				
11			31390701038 00	AA1011819090	AA10119	7.8
1(1)			QUARTER SEGMENT CONE			
MF	DR	E2				
12			31390701037 00	AA1011819112	AA10119	30.2
1(1)			QUARTER SEGMENT CONE			
MF	DR	L2				
13			41390701071 00	AA1011819074	AA10119	1.43
4(4)			RIB			
MF	DR	D8				

ENGG

Initial Date

Worked By tgeprm 07.03.2020

Checked By tgedk 13.03.2020

Approved By tgeam 22.05.2020



BILL OF MATERIAL

Printed
On:07.08.2025

BOM No: 01390701055

Var: 01

Revno: 0

Rev Date: 22.05.2020

Printed By:

Description: SEGMENT (WELDED)

Tot wt: 239.0

Item No	Qty(Total)	Drawingno Var Mvar	Mat Code	Mat Spec	Weight
Typ	Cat	Zone	Description	Assy. Remarks	Fab Wt
			Var/Matl. Description	GRP	
0			01390701055 01		239.0
1(1)			SEGMENT (WELDED)		
MF	DR		THDF 125/67	N	239.0
1			31390701028 00	AA1011819180	32.6
1(1)			QUARTER SEGMENT		
MF	DR	C7			
2			31390701029 00	AA1011819180	39.5
1(1)			QUARTER SEGMENT		
MF	DR	D11			
3			31390701035 00	AA1011819090	21.5
1(1)			QUARTER SEGMENT CONE		
MF	DR	E9			
4			41390701070 00	AA1011819074	4.3
4(4)			RIB		
MF	DR	E10			
5			31390701030 00	AA1011819171	18.4
1(1)			RIB		
MF	DR	E5			
6			31390701031 00	AA1011819171	18.4
1(1)			RIB		
MF	DR	E1			
7			31390701033 00	AA1011819155	27.2
1(1)			QUARTER RING		
MF	DR	B8			
8			31390701036 00	AA1011819112	30.2
1(1)			QUARTER SEGMENT CONE		
MF	DR	H2			
9			31390701034 00	AA1011819074	15.6
1(1)			QUARTER SEGMENT CONE		
MF	DR	B9			
10			31390701032 00	AA1011819112	7.5
1(1)			QUARTER RING		
MF	DR	D6			
11			31390701038 00	AA1011819090	7.8
1(1)			QUARTER SEGMENT CONE		
MF	DR	E2			
13			41390701071 00	AA1011819074	1.43
4(4)			RIB		
MF	DR	D8			

ENGG

Initial Date

Worked By tgeprm 07.03.2020
 Checked By tgedk 13.03.2020
 Approved By tgeam 22.05.2020



Mon 08-09-2025 13:20

Mukesh Kumar Gotam(Engineer/PPX-FBM/HEEP) <mkgotam@bhel.in>

FW: for Indent No. 20250472F and 20250477F

To rajkumar.das@bhel.in

Dear Ravi,

PMD-SL024 is applicable for both the MPR's items.
Applicable vendors for PMD-SL024 are as follow,

SHAH BROTHERS ISPAT PVT. LTD.
ARCELORMITTAL NIPPON STEEL
STEEL AUTHORITY OF INDIA LTD
JINDAL STEEL & POWER LTD.
WELSPUN CORP LTD
SUNLION PIPING ENGINEERING CO.
SALZGITTER MANNESMANN INTERNAT
DILLINGER INTERNATIONAL
NLMK PLATES SALES SA
BURWILL RESOURCES LTD.
CUMIC STEEL LIMITED
DAEWOO INTERNATIONAL CORPORATI
SIJ ACRONI D.O.O.

Regards,

जितेंद्र मोहन /Jeetendra Mohan

वरिष्ठ प्रबन्धक (एम.सी.एक्स.-फैब.)

Sr. Manager/MCX-Fab)

01334-281657

09720172493