

Instruction to bidders and terms & conditions for supply of Cold Rolled Grain Oriented (CRGO) steel laminations on finished and stacked basis under enquiry (E1453067) for BHEL Bhopal Unit (India) – 240660 kgs.

Offers through NIC's e-procurement portal <https://eprocurebhel.co.in/nicgep/app> are invited in Two-Part Bid system for purchase of 23/27HP90d or equivalent grade CRGO laminations as per terms and conditions below.

General: Enquiry will be governed by below mentioned technical and commercial terms for supply of Cold Rolled Grain Oriented (CRGO) Laminations in grade 23/27HP90d as per IS 3024:2015 for requirement of BHEL Bhopal. The supplies against this enquiry shall be subject to our general Terms and conditions (GTC- BP200102C) of enquiry and PO. In addition, the terms and conditions given under this annexure shall specifically apply to this enquiry. Should there be any difference between the general Terms and conditions of enquiry and PO and the conditions included in this annexure, the later shall prevail.

1. Technical terms and condition detailed herein and BIS grade **23/27HP90d** as per IS 3024:2015 or equivalent or superior mentioned under scope of contract will govern supply of CRGO Laminations.

2. Quantity & bid evaluation: Tentative requirement is as under:

(all quantities in kg)

It. No	Item description	Per set qty.	Total no. of sets	Total qty.	Delivery per set
1	CRGO laminations in grade 23 / 27HP90d or equivalent as per BHEL specification BP10985 Rev 05 core computed drg no. 34647000419	120330	2	240660	May 2026
					July 2026
Total			2	240660	

Over all & per set quantities are subject to variation of +1% / -0%. Bidders can also quote superior grade material (in terms of core losses) however, acceptance / rejection of the same shall be in purview of BHEL.

3. Raw material sources: CRGO laminations are to be made from CRGO steel (mother coil) grade (23/27HP90d or equivalent or superior in terms of core losses as per IS 3024:2015). For subject requirement raw material – CRGO coils supplying mills & CRGO laminations processors must be approved by M/s Odisha Power Transmission Corporation Limited. Approved CRGO mills are as below:

ITEM	VENDOR	PLACE
CRGO	M/S AK STEEL INTERNATIONAL B.V.	NETHERLANDS
	M/S JFE SHOJI STEEL INDIA PVT. LTD.	PUNE
	M/S JFE SHOJI TRADE CORPORATION	JAPAN
	M/S METAL ONE CORPORATION	JAPAN
	M/S POSCO-INDIA PUNE PROCESSING CENTRE PVT LTD.	PUNE
	M/S THYSSENKRUPP ELECTRICAL STEEL GMBH	GERMANY
	M/S THYSSENKRUPP ELECTRICAL STEEL INDIA PVT. LTD.	NASHIK
	M/S BAOSHAN STEEL SINGAPORE PTE LTD.	SINGAPORE
	M/S NLMK INDIA SERVICE CENTER PVT LTD.	DAMAN
	M/S NLMK TRADING SA.	SWITZERLAND

If, bidder intends to supply CRGO laminations from any other BIS approved mill, same should be approved by OPTCL. Participating CRGO laminations processors should also be approved by OPTCL as on bid part – 1 opening date.

4. PQR (pre-qualifying requirement) conditions:

A. CRGO laminations processor shall be approved by M/s OPTCL on tender bid part-I opening date for supply of 500MVA 400/220/33kV transformers. Any change in approval status from OPTCL shall be immediately informed to BHEL. Vendors must be approved by M/s OPTCL and if validity extension is pending with OPTCL, same shall be considered for further processing.

B. Certificate of conformity: Lamination processor to submit valid certificate of conformity of BIS as on bid part – 1 opening date as per latest quality control order issued by Government of India. If validity extension is pending with BIS, same shall be considered for further processing.

All circulars issued by Government of India affecting any of the above conditions directly / indirectly shall supersede the above-mentioned conditions.

5. Supply conditions: Tentative shipment / delivery shall be within 60 days for 1st lot / set and within 120 days for 2nd lot / set from Purchase order (PO) OR contractual delivery, whichever is later from date of award of formal PO. Expected shipment dates beyond contractual delivery may change subject to mutual consent. Tentative requirement of materials against this enquiry for BHEL- Bhopal is by May 2026 & July 2026.

Laminations are to be cut on CNC cropping line only. CRGO laminations are to be made as per BHEL drawing provided for each purchase order. Number of sheets specified per stack per width should be ensured. Stack height is very important and to be maintained, weight may vary slightly. Clarification should be immediately taken from BHEL Bhopal, if stack height is not achieved.

Tolerance of +1% in total weight per PO will be permissible to achieve required stack height and completeness of laminations. If total weight of laminations required exceeds PO quantity with permissible tolerance, prior approval shall be obtained from Transformer Engineering. All the limbs, Centre leg, side leg, yoke and fishes shall be supplied duly stacked in ready to build to core condition. Clarification, if any, to be taken from TRM/ TRE, BHEL Bhopal.

6. Inspection and Test certificates: -

- i. Supplier shall submit Mill TC of raw material CRGO coils along with commercial documents - Bill of Lading, Bill of entry, Commercial invoice and packing list evidencing purchase of genuine CRGO coils for BHEL's lamination job for each purchase order. Mill TC shall be submitted before processing the job for approval / inspection from BHEL QC to avoid any quality complaints in future. Mill TC of CRGO coils shall clearly bear BIS mark with license number of the supplying mill.
- ii. BHEL Quality / customer / TPIA will review TC or inspect coil at vendor works and accord clearance for processing laminations within 10 days (considering inspection duration and testing of samples at competent accredited testing lab as per ISO 17025. Certificate shall contain accreditation & Accreditation Symbol) of submission of complete mill TC, clarifications and other documents if required any. Mill TC shall be as per BHEL specifications. No delivery extension request will be considered in case of delay by supplier in submission of complete documents and clarifications. BHEL will not be responsible for LD penalty due to delay in submission of mill TC or clarifications by vendor.

- iii. Test certificates should cover result of tests for mechanical and electrical properties as per specification and IS 3024:2015 for each coil No/ Heat No.
- iv. Dimensions and tolerances shall be as per specifications and IS 3024:2015 and a clause confirming same shall be mentioned clearly in mill TC submitted.
- v. **Inspection shall be done by customer at vendor works. Customer – OPTCL shall witness both raw material – prime CRGO coils and laminations processing at vendor works. Supplier shall give inspection call at least 10 days in advance for both cases.**
- vi. Raw material and finished laminations testing are in supplier's scope wherever required as per Quality Plan. Inspection both RM and final stage shall be done by customer / BHEL at vendor works. Supplier shall have to inform raw material – RM (CRGO coils) readiness to be inspected by customer / BHEL. Customer / BHEL shall witness laminations processing at vendor works. Supplier to inform the schedule of laminations processing well in advance to BHEL.
- vii. Magnetic properties including Maximum specific total loss and magnetic permeability measurement will be done by Single Sheet method (for domain refined grade) and Epstein method (for other grades) as per IS 3024:2015 & acceptance norm as elaborated in IS 3024:2015. For RM stage and final stage inspection as mentioned in concerned Quality Plan, Samples of shall be selected by BHEL/Customer and testing (in the scope of supplier) shall be done in laboratory having valid accreditation from MRA signatories of ILAC/APLAC against ISO 17025. For final acceptance at BHEL, results obtained at BHEL lab will be final and binding for acceptance of material.

7. Tests and procedure: Test certificate shall clearly indicate following information:

- i. Supplier's name, Grade, Identification no., Size and weight, Packet/ Bundle no.
- ii. Test results of dimensions and tolerances
- iii. Details of insulation coating
- iv. Type test as required
- v. Properties of total Specific loss of each coil, magnetic permeability, surface insulation resistivity, total specific loss on aged specimen (type test), ductility/bend test and stacking factor of each coil. Separate declaration from Mill for properties not mentioned in TC may also be accepted. Mechanical and Electrical properties mentioned will be tested for one Sample of each lot.
- vi. Results of chemical composition (for information only, if required). Supplier shall enclose one copy of test certificate as per above along with dispatch documents to facilitate clearance/ acceptance of finished laminations. After making core with supplied laminations the core losses shall be measured at BHEL Bhopal & results shall be binding.
- vii. Core losses will be reviewed with respect to the Test certificates of raw material / lamination provided by Supplier. Supplier shall be responsible for higher losses if any. In case of higher losses, BHEL reserves the right to reject full lot.
- viii. Test certificate of CRGO cut laminations should indicate traceability record of CRGO coil, slitting & length dimension, Burr level, bow level, Edge camber and waviness.
- ix. Testing of raw material and cut lamination shall be as per IS 649 & IS 3024.

8. Bid opening: - The 'Techno-commercial' part of the bid i.e. Bid Part – I of the offers shall be opened on the due date of tender opening **on e-procurement portal**. Clarifications if required on this part may be obtained from the bidders for their evaluation. The Price bid Part-II of such bidders alone shall be opened on a later date **on e-procurement portal** whose techno-commercial bids are found acceptable. The date of 'Price bid -Part II' opening shall be intimated to technically qualified bidders later.

9. Price finalization shall be done through price bid opening and NOT through reverse auction.

- 10. Delivery period:** Delivery period shall be quoted in number of days from PO date or as per agreed commercial conditions. BHEL prefers delivery to be within 60 days for 1st lot / set and within 120 days for 2nd lot / set from Purchase order (PO). Early deliveries will be acceptable with mutual consent. Item wise PO shall be placed separately. **Supply requirement against this enquiry for BHEL- BHOPAL shall be by May 2026 & July 2026.**
- 11. Terms of delivery:** F.O.R. destination on door delivery basis (BHEL Bhopal).
- 12. Levy of Penalty for delayed performance:** Penalty for late delivery will be applicable as per clause 9 of GTC BP200102C only.
- 13. Replacement of rejected goods:** Final inspection for acceptance of material shall be at BHEL's works after testing in presence of BHEL as well as OPTCL representative during core building stage and results shall be binding on the suppliers. Rejected goods are to be lifted and replacements to be supplied free of cost by the vendor.
- 14. Payment Terms:** - Refer clause 16 of GTC BP200102C for payment terms. MSME vendors may opt for payment through TReDS (Trade Receivables Discounting System). MSME vendors may register on (1) RXIL- Receivables Exchange of India Ltd (2) Invoice mart- M/s A. TReDS Ltd (3) M1xchnage-M/s Mynd Solutions Pvt Ltd (4) DTX-M/s KredX Platform Pvt Ltd (5) C2treds- M/s C2FO Factoring solutions Pvt Ltd authorized by RBI for TReDS and approved by BHEL. No overdue interest shall be payable by BHEL. Bidder must attach UDYAM certificate along with bid to confirm their category. Refer clause 29 of GTC for details of benefits earmarked for purchase from MSE.
- 15. Integrity Pact:** Integrity pact is applicable for this tender. The integrity pact submitted will be considered valid for the duration of contract. Refer clause 30 of GTC and enclosed IP format with clause on IP for more details.
- 16. Model conciliation:** Bidders to provide acceptance to BHEL's model conciliation clause as per attached annexure – D.
- 17. Declaration (annexure – E)** by vendor about the participation of sister concerns in tender enquiry.
- 18. Prevention of conflict of Interest among bidders/agent:** Refer clause 35 of GTC BP200102C for more details. Annexure – V to be duly filled with seal and sign. 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.
- 19. Corrigendum / addendum:** Any corrigendum/addendum related to this tender shall be updated on NIC portal <https://eprocurebhel.co.in/nicgep/app>. Bidders are requested to regularly visit the BHEL website to keep themselves abreast with updates.
- 20.** Bidders are advised to read the latest Government circular /OM / Notices etc. issued by Government of India & BHEL (wherever applicable to BHEL, shall be followed). BHEL's General terms and conditions of enquiry (attached). Latest Order (Public procurement no 4 dtd. 23.02.2023) subject: Restrictions under Rule144 (xi) of General Financial Rules (GFRs), 2017 shall be applicable along with subsequent orders issued by Government of India (Ministry of Finance).

21. Compliance to MAKE IN INDIA circular issued by Gol:

“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 a 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”

To avail purchase preference under Make in India guidelines, vendor should be categorized as Class 1 supplier. For a vendor to be classified as Class 1 supplier, bidder & their mill from which CRGO coils shall be sourced shall have to submit self-certified annexure – III with seal and sign duly filled giving the percentage of local content & place of local value addition.

22. BHEL shall not be releasing any additional document other than formal PO in case contract is finalized with a bidder. For any queries, please contact the undersigned:

Name:	Dharmendra Singh	Madhurendra Manderwal	Vineet Suman
Designation:	AGM	DGM	Sr. Manager
Department:	CMM – Steel, Copper & FE	CMM – FE & Steel	CMM - Steel
Contact details:	+91 755 – 250 3360	+91 755 – 250 5210	+91 755 – 250 5805
Email:	dharmendra2000@bhel.in	madhurendra@bhel.in	vineetsuman@bhel.in

23. Refer clause 39 of GTC BP200102C regarding Grievance Redressal mechanism. Any concerns and issues arising during the tendering process, may be addressed to Mr. Madhurendra Manderwal, DGM (CMM - FE & Steel) on contact details mentioned above for the first level escalation.

Important note:

- All circulars issued by Government of India affecting any of the above conditions directly / indirectly shall supersede the above-mentioned conditions.
- Vendors to fill the Annexure- III with duly signed and stamped along with Bid submission.
- All the Annexures – I, II, III, IV, V & GTC BP200102C to be duly signed and stamped and submit along with part – I bid.

Other salient parameters for compliance in tender E1453067:

Sr. No	Conditions	Vendors compliance/acceptance (Yes/No)
1	Confirmation about UOM (Unit of Measurement) & currency in which you have quoted i.e. INR / kg OR INR / MT.	(Yes / No)
2	Acceptance to supplies as per technical requirement as per sl.no. 1 of annexure - I & drawing 34647000419.	(Yes / No)
3	Confirmation that whole tendered quantity has been offered i.e. all 2 sets as per enquiry – 240660 kgs (nominal).	(Yes / No)
4	Quoted delivery period by the bidder from date of PO. Desired delivery shall be 1 st set within 90 days from date of PO and 2 nd set within 120 days from date of PO. Material requirement is 1 set each by May 2026 and July 2026 respectively.	(Delivery period to be quoted in no. of days)
5	Acceptance of late delivery penalty clause as per sl.no. 12 of annexure – I	(Yes / No)
6	Acceptance to clause 3 (Raw material sources) of annexure – I wherein CRGO processor and their mill – both are approved by OPTCL.	(Yes / No)
7	Acceptance to bid evaluation criteria as per clause 2 of annexure - I	(Yes / No)
8	Acceptance to fraud prevention Policy as per clause 35 of GTC BP200102C.	(Yes / No)
9	Acceptance of inspection clause: Inspection to be carried out as per applicable QA plan of OPTCL.	(Yes / No)
10	Acceptance to standard payment terms of tender as per clause 14 of annexure - I	(Yes / No)
11	Declaration as per annexure – V submitted regarding conflict of interest clause.	(Yes / No)
12	Acceptance to all other additional terms and conditions of NIT as per annexure - I	(Yes / No)
13	Acceptance to Integrity Pact clauses. Integrity Pact duly signed & filled to be submitted with the offer.	(Yes / No)
14	Confirmation that only one grade & type of CRGO steel to be used for manufacturing of one set	(Yes / No)
15	Acceptance that BIS grade CRGO coils shall be sourced from mills holding valid BIS license and from only those approved by OPTCL.	(Yes / No)
16	Acceptance to Make In India and submission of Make in India certificate as per annexure III (self-declaration to be submitted as per clause 21 of annexure-I with sign seal & date)	(Yes / No)
17	Acceptance to general terms and conditions as per GTC BP200102C (signed GTC with seal on every page to be submitted stating compliance to conditions contained in it).	(Yes / No)

(Seal & sign of the bidder)

Format - Self Certificate for MII

CERTIFICATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19.7.24 AND SUBSEQUENT ORDER(S)

(To be provided on the Letter Head of the Entity/Firm)

To,
_____ (Write Name and Designation of Officer of BHEL inviting the Tender);
Bharat Heavy Electricals Limited,
Piplani, Bhopal, MP-462022

Ref :

- 1) BHEL NIT/Tender Specification No:
- 2) Name of items:
- 3) 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 _____ % .
The local content % certified above is in line with definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 Revision dated 19.7.2024 issued by DPIIT and subsequent order(s) to qualify as (Class-I/ CLASS-I I/ Non-Local supplier-fill in one which is applicable) local supplier.

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

_____ We confirm that the following has not been considered for calculation of local content:

- Imported items sourced locally from resellers/distributors.
- The license fees/ royalties paid/ technical charges paid out of India
- Refurbishment/Repackaging/ Rebranding of imported products
- services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc.

**We confirm that since contract involves supply of multiple items, weighted average of all items has been taken while calculating the local content.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

(Signature, Name, Designation, Date, Place & Seal of Authorized Signatory of the Bidder)

** - Strike out whichever is not applicable

Note: For evaluation of qualification of bidder:

1. Bidder has to submit the above format, duly filled & signed by authorized signatory.
2. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.

DECLARATION
(to be given by Bidder)

In pursuant to the Public Procurement Policy for MSEs Order, 2012, I/We declare(s) that My/Our firm is(are) falling under the following MSE category and I/we are submitting documentary evidence/ Govt. Certificate etc. along with UDYAM certificate in support of the same along with the techno-commercial offer.

Type under MSE	SC Owned	ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
Micro				
Small				

(√ Tick whichever is applicable)

Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.

Signature of Authorized Signatory

Name:

Designation:

Stamp / Seal of Firm

DECLARATION
(to be given by Bidder)

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:

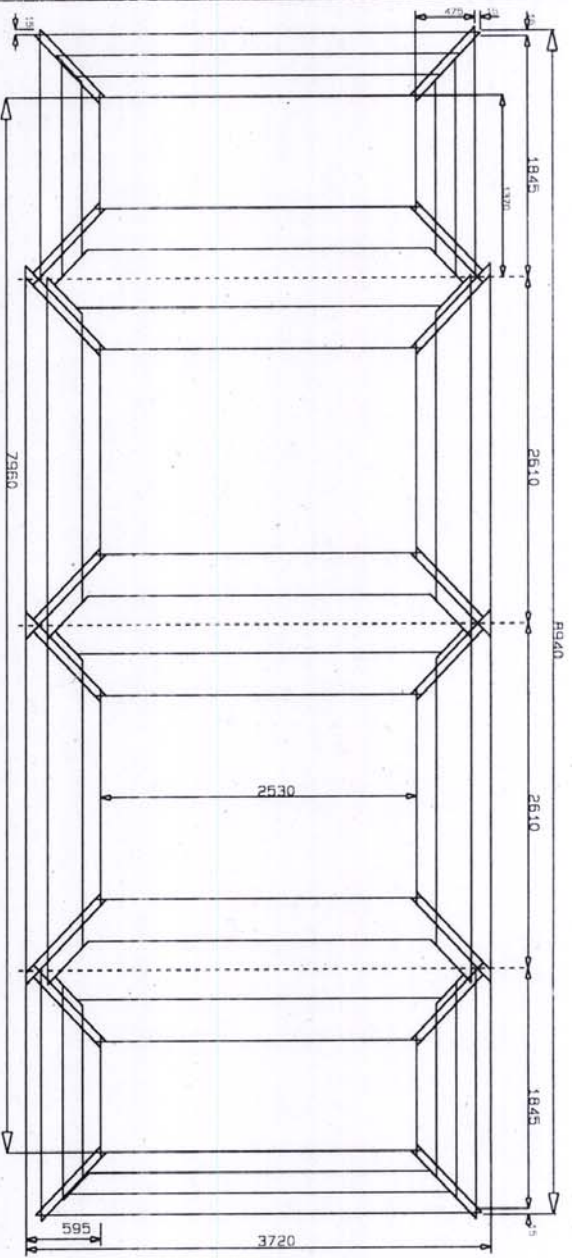
- 1) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly.
- 2) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating.
- 3) 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.
- 4) 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.

I/We declares that I/We have read and understood the above aspects, and confirms that such conflict of interest does not exist and undertakes that I/We 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, I am /We are, 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 of Authorized Signatory
Name:
Designation:
Stamp / Seal of Firm

First Angle Projection
 DRG NO: 34647000419

All dimensions in mm



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- B - Type Of Core - 5 Limbed Elliptical Yoke Core
 Only Top Yoke Bolted
- Core Dia = 1080.0 Leg Length = 2530.0
 - Leg Centre = 2610.0 Dist bet Outer Legs = 7960.0
 - No of Oil ducts = 5 No of steps = 20
 - Yoke Bolts/Window = .0
 - Space Factor = 0.970 Top Clearance = 49.0
 - Scrap Factor = 2.5%
 - Blading = 4/4 Grade of Core Steel = ZOKH90/0.23 (Q15 Grade: 23HF90d)

- Notes :
- 1 - Laminations to be cut with max dimensions along the grain
 - 2 - For tolerances and burr level on laminations, refer Std Snt TH10141C
 - 3 - All cores are to be built up with wire joints and mitring to be at 45 degrees
 - 4 - Each packet to be built with 4 laminations per layer alternately as per P and Q arngts.
 - 5 - Bind the core with polyester resin impreg. wetless glass tape (to AA25716) after putting core to coil packing in position. Each band shall consist of 3 turns of 0.4 tk or 4 turns of 0.3 tk polyester impreg. wetless glass tape. For detailed instructions regarding core leg clamping/taping/banding refer Std Snt TH10142C
 - 6 - Refer drg no. 34697000065 for arngt of ceramic spacers on core and yoke laminations to provide oil duct
 - 7 - Assembled core to be tested between core and clamping structure at 2 KV for one minute unless otherwise specified

INVENTORY NO. SIGN AND DATE REF. DRG NO.

DISTRIBUTION OF PARTS
 M.O. 63202A51201

REV.	DATE	BY	CHKD	REASON

BHARAT HEAVY ELECT. LTD.
 BHOPAL

DEPT. TITLE: UNIT. DIV. GR. SCALE: N.T.S. WEIGHT: APPD.

REV.	NO.	DATE	BY	CHKD	REASON

TITLE		DRAWING NO	
Core Dimensions		34647000419	
500MVA 400/220/33 KV OPTOL (without-OLTC)		SHT NO. 1	

SIZE A3

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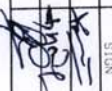
NO	PKT-THK	DUCT	PKT-HT	LEGLAM	---MWOKLAM---		---AYOKLAM---		ALEGLAM
					Top	Bot	Top	Bot	
1	67	2	69.0	1070.0	595.0	595.0	475.0	475.0	475.0
2	31		100.0	1060.0	590.0	590.0	470.0	470.0	470.0
3	43		143.0	1040.0	580.0	580.0	460.0	460.0	460.0
4	32		175.0	1020.0	570.0	570.0	450.0	450.0	450.0
5	22	4	201.0	1000.0	560.0	560.0	440.0	440.0	440.0
6	23		224.0	980.0	550.0	550.0	430.0	430.0	430.0
7	30		254.0	950.0	535.0	535.0	415.0	415.0	415.0
8	26		280.0	920.0	520.0	520.0	400.0	400.0	400.0
9	23		303.0	890.0	505.0	505.0	385.0	385.0	385.0
10	21		324.0	860.0	490.0	490.0	370.0	370.0	370.0
11	15	4	343.0	830.0	475.0	475.0	355.0	355.0	355.0
12	22		365.0	790.0	455.0	455.0	335.0	335.0	335.0
13	21		386.0	750.0	435.0	435.0	315.0	315.0	315.0
14	18		404.0	710.0	415.0	415.0	295.0	295.0	295.0
15	17		421.0	670.0	395.0	395.0	275.0	275.0	275.0
16	15		436.0	630.0	375.0	375.0	255.0	255.0	255.0
17	13		449.0	590.0	355.0	355.0	235.0	235.0	235.0
18	16		465.0	540.0	330.0	330.0	210.0	210.0	210.0

NO	PKT-THK	DUCT	PKT-HT	LEGLAM	---MWOKLAM---		---AYOKLAM---		ALEGLAM
					Top	Bot	Top	Bot	
19	13		478.0	490.0	305.0	305.0	185.0	185.0	185.0
20	10		488.0	440.0	280.0	280.0	150.0	150.0	150.0

Cross section Area -	Gross, sq.cm	Net, sq.cm
Main Leg	8473.6	8219.4
Main Yoke Top	4810.4	4666.1
Main Yoke Bot	4810.4	4666.1
Aux Yoke Top	3563.2	3553.3
Aux Yoke Bot	3563.2	3553.3
Aux Leg	3563.2	3553.3

DISTRIBUTION OF PRINTS
 M.O: 63202A51201

REV	DATE	ALTERED	CHECKED

 BHARAT HEAVY ELEC. LTD BHOPAL	DEPT	UNTD. DRWG OR.	SCALE	NAME PP KKA SRS REF. TO ASSY DRG.	SIGN 	DATE 5/11/13 10/1/14	NO OF REV 00
	TITLE	N.T.S	WEIGHT				

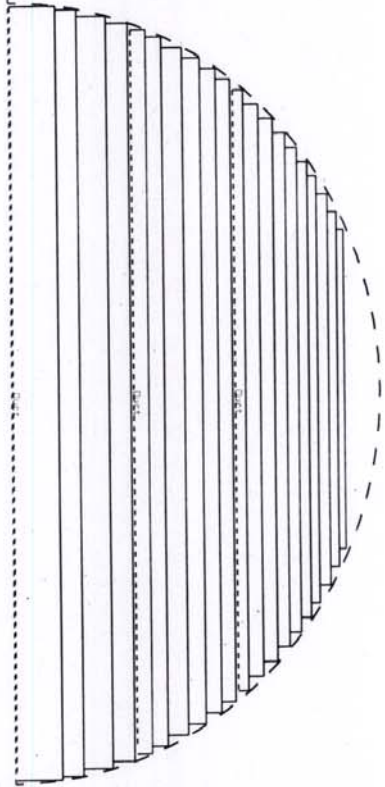
TITLE
 Core Laminations
 500KVA 400/250/33 KV OPTCL
 SHIT NO. 2 NO OF SHITS 17

must not be used directly or indirectly in any way detrimental to the interest of the company.

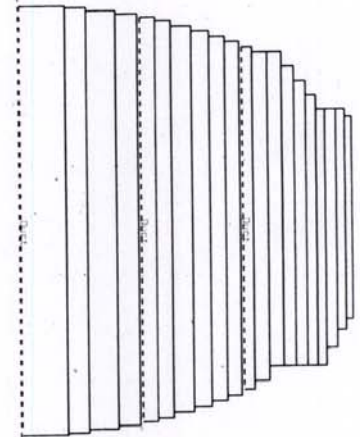
First Angle Projection

DRG NO: 34647000419

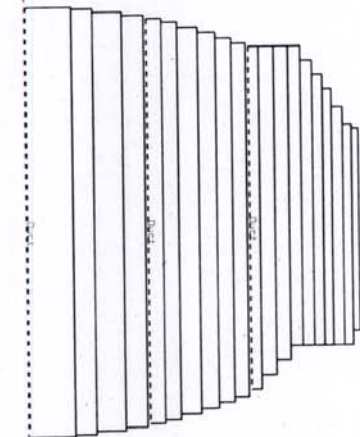
ALL DIMENSIONS IN MM



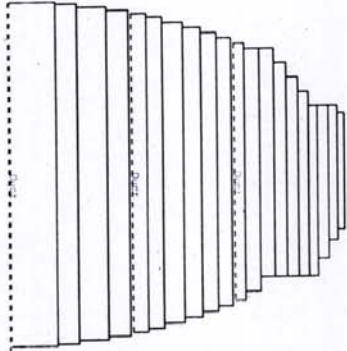
Main Leg Cross Section



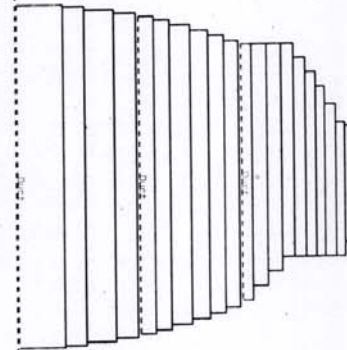
TOP MAIN YOKE CROSS SECT



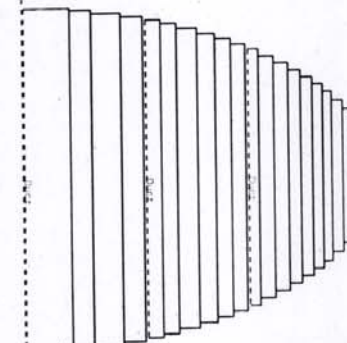
BOT MAIN YOKE CROSS SECT



TOP AUX YOKE CROSS SECT



BOT AUX YOKE CROSS SECT



AUX Leg Cross Section

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 W.O. 63202A51201

REV	DATE	ALTERED	CHECKED



BHARAT HEAVY ELEC. LTD
 BHOPAL

DEPT	UNIT	DIMS	GR

SCALE	N T S

WEIGHT

DRN	NAME	SIGN	DATE	NO OF VAR

REF TO ASSY DRG	IT NO	NO

TITLE
 Cross Sections
 500MVA 400/220/33 KV. OPTCL

DRAWING NO
 34647000419

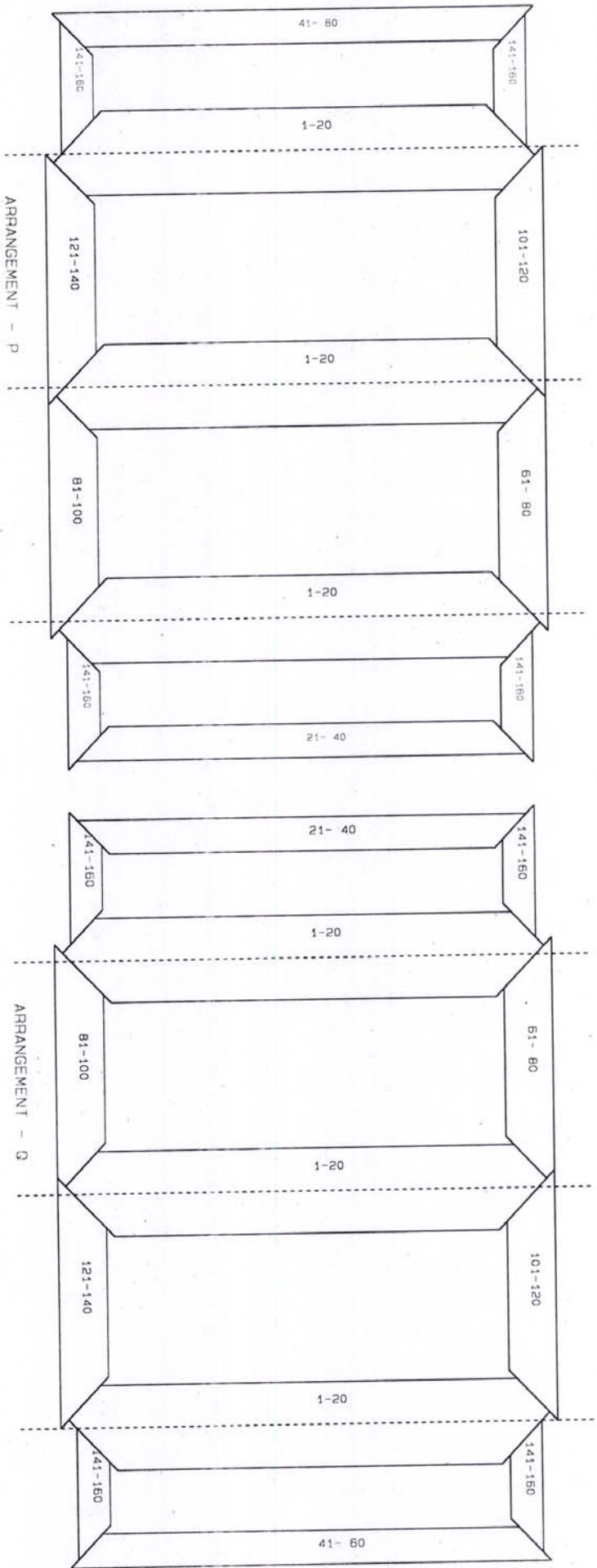
SHT NO: 3 NO OF SHTS: 17

REV
 00

SIZE A3

First Angle Projection
 6147000419 ON DRG

All dimensions in mm



NOTE : -

For items 1 to 20, each of the items with lamination width greater than 750 mm appears in two split parts. Part A and Part B and item nos. are suffixed by A and B respectively. However for lamination width less than 750 mm the items appear as single parts only and so item nos. do not have suffixes

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 N.O. 63202A51201

HEV	DATE	ATTEND
		CHECKED



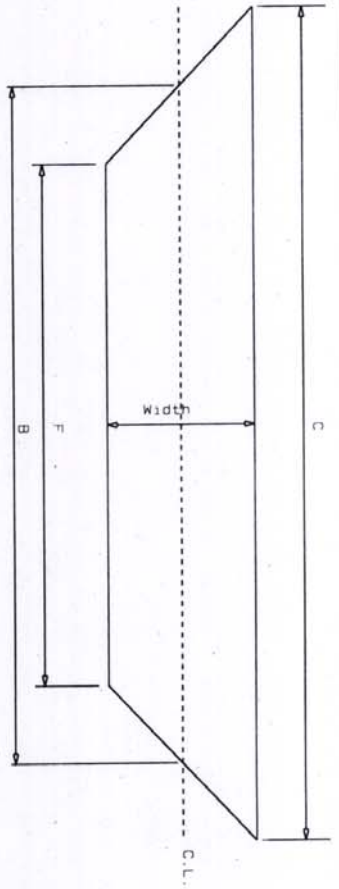
BHARAT HEAVY ELEC. LTD
 BHOPAL

DEPT	UNIT	SCALE	WEIGHT
		N * S	

DRN	REP	NAME	SIGN	DATE	NO OF VAR
SGD	KKA			20/11/24	
APPD	SS/RKS			10/11/24	

TITLE
 Core Laying arrngt.
 500MVA 400/220/33 KV. OPTCL
 DRAWING NO 34647000419
 SHEET NO. 4 NO OF SHEETS 17

SIZE A3



Item	Width	Thick	B	C	F	Weight
1A	520.0	402	3080.0	3600.0	2560.0	4777.6
2A	515.0	186	3080.0	3595.0	2565.0	2189.3
3A	505.0	258	3080.0	3585.0	2575.0	2977.8
4A	495.0	192	3080.0	3575.0	2585.0	2172.2
5A	485.0	132	3080.0	3565.0	2595.0	1463.2
6A	475.0	138	3080.0	3555.0	2605.0	1498.2
7A	460.0	180	3080.0	3540.0	2620.0	1892.4
8A	445.0	156	3080.0	3525.0	2635.0	1586.6
9A	430.0	138	3080.0	3510.0	2650.0	1356.2
10A	415.0	126	3080.0	3495.0	2665.0	1195.1
11A	400.0	90	3082.5	3482.5	2682.5	823.5
12A	380.0	132	3095.0	3475.0	2715.0	1152.0
Total						23084.0

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INVENTORY NO. SIGN AND DATE REF. DRG. NO.

DISTRIBUTION OF PRINTS
M.O. 63202A51201

REV	DATE	ALTERED	CHECKED

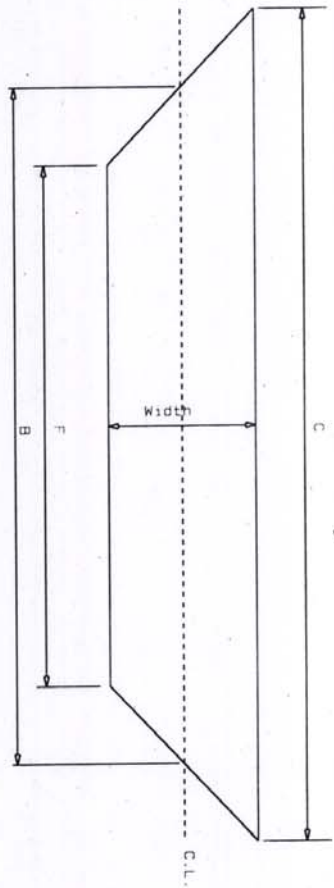
		BHARAT HEAVY ELEC. LTD BHOPAL		DEPT. THE UNTO. DIVS. GR.	SCALE N.T.S.	WEIGHT APPRO.	NAME DESK SS/RKS	SIGN 	DATE 21/11/23 5/11/23 10/11/24	NO. OF VAR
TITLE Main Leg Laminations 500MVA 400/220/33 KV OPTCL		DRAWING NO 34647000419		SHEET NO. 5 NO. OF SHEETS. 17		REV 00		IT NO.		

First Angle Projection

DRG. NO.

6170004794E

All dimensions in mm



Item	Width	Thick	B	C	F	Weight
1B	550.0	402	3050.0	3600.0	2500.0	5004.1
2B	545.0	186	3050.0	3595.0	2505.0	2294.3
3B	535.0	258	3050.0	3585.0	2515.0	3124.0
4B	525.0	192	3050.0	3575.0	2525.0	2281.4
5B	515.0	132	3050.0	3565.0	2535.0	1538.6
6B	505.0	138	3050.0	3555.0	2545.0	1577.3
7B	490.0	180	3050.0	3540.0	2560.0	1996.2
8B	475.0	156	3050.0	3525.0	2575.0	1677.1
9B	460.0	138	3050.0	3510.0	2590.0	1436.7
10B	445.0	126	3050.0	3495.0	2605.0	1266.0
11B	430.0	90	3052.5	3482.5	2622.5	876.6
12B	410.0	132	3065.0	3475.0	2655.0	1230.9
Total						24305.9

INVENTORY NO. SIGN AND DATE REF. DRG. NO.

DISTRIBUTION OF PRINTS
M.O. 63202A51201



BHARAT HEAVY ELEC. LTD
BHO PAL

REV	DATE	ALTERED BY	CHECKED BY

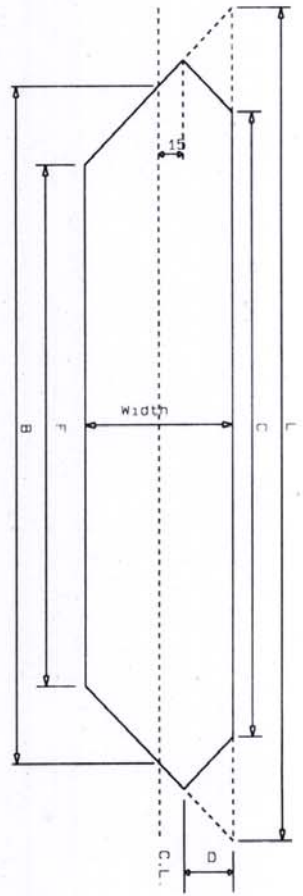
DEPT	INTL. DRG. NO.	SCALE	WEIGHT

DRN	APPD	REF. TO ASSY. DRG.	IT NO.

NAME	SIGN	DATE	NO. OF VAR.

TITLE	DRAWING NO	REV
Main Leg Laminations	34647000419	0D
500MVA 400/220/33 KV. OPTCL		

SIZE A3



Item	Width	Thick	B	C	L	D	F	Wt-Punch	Wt-Cut	
13	750.0	126	3445.0	2755.0	4195.0	360.0	2695.0	2173.4	2415.8	
14	710.0	108	3425.0	2775.0	4135.0	340.0	2715.0	1763.6	1948.8	
15	670.0	102	3385.0	2775.0	4055.0	320.0	2715.0	1551.6	1715.0	
16	630.0	90	3345.0	2775.0	3975.0	300.0	2715.0	1289.2	1407.4	
17	590.0	78	3305.0	2775.0	3895.0	280.0	2715.0	1037.9	1126.6	
18	540.0	66	3280.0	2800.0	3820.0	255.0	2740.0	1169.1	1261.7	
19	490.0	78	3255.0	2825.0	3745.0	230.0	2765.0	861.9	923.2	
20	440.0	60	3240.0	2860.0	3680.0	205.0	2800.0	597.3	634.7	
Total									10451.9	11436.8

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INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 W.O. 63202A51201

REV.	DATE	ALTERED	CHECKED

	BHARAT HEAVY ELEC. LTD			SCALE	N.T.S.	WEIGHT	APPD	NAME	SIGN	DATE	NO. OF VAR
	DEPT	THE					DATE	CHKD	SS/RKS	SR/RKS	REF. TO ASSY DRG

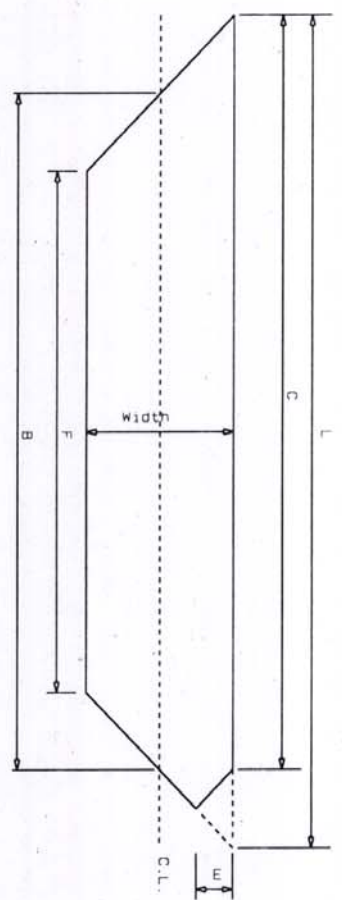
TITLE
 Main Leg Laminations
 500MVA 400/220/33 KV. OPTCL

DRAWING NO
 34647000419

SHT NO. 7 NO. OF SHTS. 17

REV
 00

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Item	Width	Thick	B	C	L	E	F	WT-Pinch	WT-Cut
61	595.0	134	2135.0	2610.0	2730.0	60.0	1540.0	1259.6	1263.1
62	590.0	62	2140.0	2610.0	2730.0	60.0	1550.0	579.2	580.9
63	580.0	66	2150.0	2610.0	2730.0	60.0	1570.0	793.5	795.8
64	570.0	64	2160.0	2610.0	2730.0	60.0	1590.0	583.0	584.7
65	560.0	44	2170.0	2610.0	2730.0	60.0	1610.0	395.6	396.8
66	550.0	46	2180.0	2610.0	2730.0	60.0	1630.0	408.0	409.3
67	535.0	60	2195.0	2610.0	2730.0	60.0	1660.0	521.2	522.8
68	520.0	52	2210.0	2610.0	2730.0	60.0	1690.0	442.0	443.4
69	505.0	46	2225.0	2610.0	2730.0	60.0	1720.0	382.3	383.5
70	490.0	42	2240.0	2610.0	2730.0	60.0	1750.0	341.0	342.1
71	475.0	30	2255.0	2610.0	2730.0	60.0	1780.0	237.6	238.4
72	465.0	44	2275.0	2610.0	2730.0	60.0	1820.0	336.8	338.0
73	435.0	42	2295.0	2610.0	2730.0	60.0	1860.0	310.0	311.1
74	415.0	36	2315.0	2610.0	2730.0	60.0	1900.0	255.7	256.6
75	395.0	34	2335.0	2610.0	2730.0	60.0	1940.0	231.8	232.7
76	375.0	30	2355.0	2610.0	2730.0	60.0	1980.0	195.8	196.6
77	355.0	26	2375.0	2610.0	2730.0	60.0	2020.0	162.0	162.7
78	330.0	32	2400.0	2610.0	2730.0	60.0	2070.0	187.2	188.1

DISTRIBUTION OF PRINTS

W.O: 63202A51201

REV.	DATE	ALTERED	BY



BHARAT HEAVY ELEC. LTD

BHOPAL



SCALE
N T S

WEIGHT

REF. TO ASSY DRG

IT. NO.

NO. OF VARS

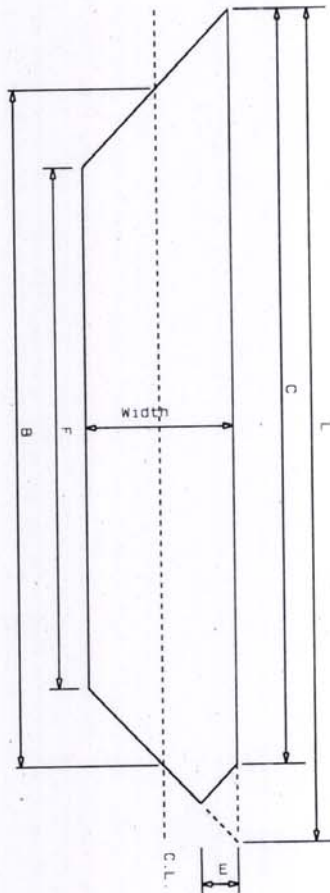
APPD	CHKD	DRN	NAME	SIGN	DATE	NO. OF VARS

TITLE
Main Yoke Laminations
500MVA 400/220/33 KV. OPTCL

DRAWING NO
34647000419
REV
02

First Angle Projection

34647000419 DRG NO



Item	Width	Thick	B	C	L	E	F	Wt-Pnch	Wt-Cut
79	305.0	26	2425.0	2610.0	2730.0	60.0	2120.0	142.0	142.7
80	280.0	20	2450.0	2510.0	2730.0	60.0	2170.0	101.3	101.8
Total								7865.7	7891.2

All dimensions in mm

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 No. 63202A51201



BHARAT HEAVY ELEC. LTD
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DEPT. TBL
 UNTL. DWS. GR.
 SCALE N.T.S
 WEIGHT

NO.	REV	DATE	SIGN	NAME
1		21/11/23	[Signature]	SS/RS
2		21/11/23	[Signature]	SS/RS
3		21/11/23	[Signature]	SS/RS

TITLE
 Main Yoke Laminations
 500MVA 400/220/33 KV. OPTCL

DRAWING NO
 34647000419

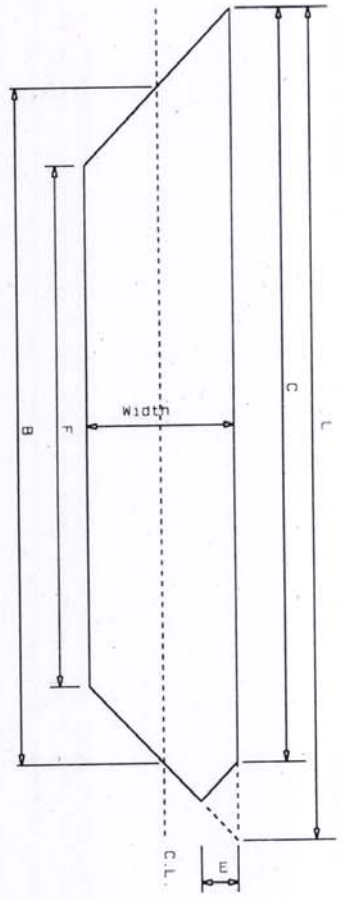
NO OF SHEETS 17

REV NO 00

SIZE A3

First Angle Projection
6140000494E
DN 9HD

All dimensions in mm



Item	Width	Thick	B	C	L	E	F	Wt-Pnch	Wt-Cut
81	595.0	134	2135.0	2610.0	2730.0	60.0	1540.0	1259.6	1263.1
82	590.0	62	2140.0	2610.0	2730.0	60.0	1550.0	579.2	580.9
83	580.0	66	2150.0	2610.0	2730.0	60.0	1570.0	793.5	795.8
84	570.0	64	2160.0	2610.0	2730.0	60.0	1590.0	583.0	584.7
85	560.0	44	2170.0	2610.0	2730.0	60.0	1610.0	395.6	396.8
86	550.0	46	2180.0	2610.0	2730.0	60.0	1630.0	408.0	409.3
87	535.0	60	2195.0	2610.0	2730.0	60.0	1660.0	521.2	522.8
88	520.0	52	2210.0	2610.0	2730.0	60.0	1690.0	442.0	443.4
89	505.0	46	2225.0	2610.0	2730.0	60.0	1720.0	382.3	383.5
90	490.0	42	2240.0	2610.0	2730.0	60.0	1750.0	341.0	342.1
91	475.0	30	2255.0	2610.0	2730.0	60.0	1780.0	237.6	238.4
92	455.0	44	2275.0	2610.0	2730.0	60.0	1820.0	336.8	338.0
93	435.0	42	2295.0	2610.0	2730.0	60.0	1860.0	310.0	311.1
94	415.0	36	2315.0	2610.0	2730.0	60.0	1900.0	255.7	256.6
95	395.0	34	2335.0	2610.0	2730.0	60.0	1940.0	231.8	232.7
96	375.0	30	2355.0	2610.0	2730.0	60.0	1980.0	195.8	196.6
97	355.0	26	2375.0	2610.0	2730.0	60.0	2020.0	162.0	162.7
98	330.0	32	2400.0	2610.0	2730.0	60.0	2070.0	197.2 - 198.1	

Wt. 197.2 - 198.1
DISTRIBUTION OF PRINTS

REV	DATE	ALTERED	BY	DATE
		CHECKED		

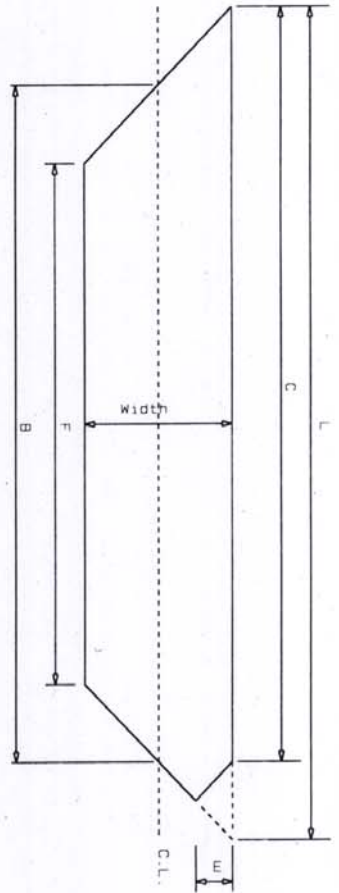
DEPT	UNTO. DIMS. GR.	SCALE	WEIGHT
BHOPAL		N.T.S	

TITLE	DRAWING NO	REV
Main Yoke Laminations	34647000419	60
500MVA 400/220/33 KV. OPTCL	SHT NO. 10	NO. OF SHTS. 17

SIZE A3

First Angle Projection

DRG NO. 34647000419



Item	Width	Thick	B	C	L	E	F	Wt-Pnch	Wt-Cut
99	305.0	26	2425.0	2610.0	2730.0	60.0	2120.0	142.0	142.7
100	280.0	20	2450.0	2610.0	2730.0	60.0	2170.0	101.3	101.8
Total									7895.7 7891.2

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 W.O. 63202A51201

REV.	DATE	ALTERED	CHECKED



BHARAT HEAVY ELEC. LTD
 BHOPAL

DEPT THE
 UNTR. DWS BR
 N.T.S

DESIGN	APPD	NAME	SIGN	DATE	NO. OF VAR
DRG	SS/KKA	KKA	[Signature]	5/1/22	
APPD	SS/RS	RS	[Signature]	10/1/24	

TITLE
 Main Yoke Laminations
 500MVA 400/220/33 KV OPTCL

DRAWING NO. 34647000419
 SHT NO. 11 NO OF SHTS. 17

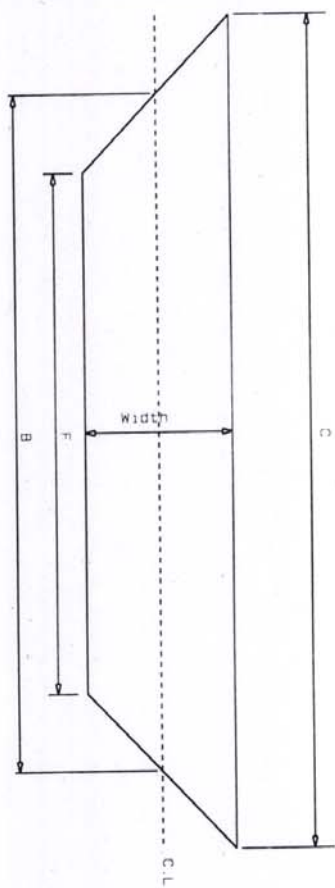
All dimensions in mm

SIZE A3

First Angle Projection

614000494C

DN 590



It Width Thick B C F Wt-Cut

101	595.0	134	2135.0	2730.0	1540.0	1263.1
102	590.0	62	2140.0	2730.0	1550.0	580.9
103	580.0	96	2150.0	2730.0	1570.0	795.8
104	570.0	64	2160.0	2730.0	1590.0	584.7
105	560.0	44	2170.0	2730.0	1610.0	396.8
106	550.0	46	2180.0	2730.0	1630.0	409.3
107	535.0	60	2195.0	2730.0	1660.0	522.8
108	520.0	52	2210.0	2730.0	1690.0	443.4
109	505.0	46	2225.0	2730.0	1720.0	363.5
110	490.0	42	2240.0	2730.0	1750.0	342.1
111	475.0	30	2255.0	2730.0	1780.0	298.4
112	455.0	44	2275.0	2730.0	1820.0	358.0
113	435.0	42	2295.0	2730.0	1860.0	311.1
114	415.0	36	2315.0	2730.0	1900.0	256.6
115	395.0	34	2335.0	2730.0	1940.0	232.7
116	375.0	30	2355.0	2730.0	1980.0	196.5
117	355.0	26	2375.0	2730.0	2020.0	162.7
118	330.0	32	2400.0	2730.0	2070.0	108.1

119	305.0	26	2425.0	2730.0	2120.0	142.7
120	280.0	20	2450.0	2730.0	2170.0	101.8
Total						7891.2

All dimensions in mm

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INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
M.O. 63202A51201



BHARAT HEAVY ELEC. LTD
BHOPAL

REV	DATE	ALTERED	CHECKED

DEPT	UNIT	SCALE	WEIGHT

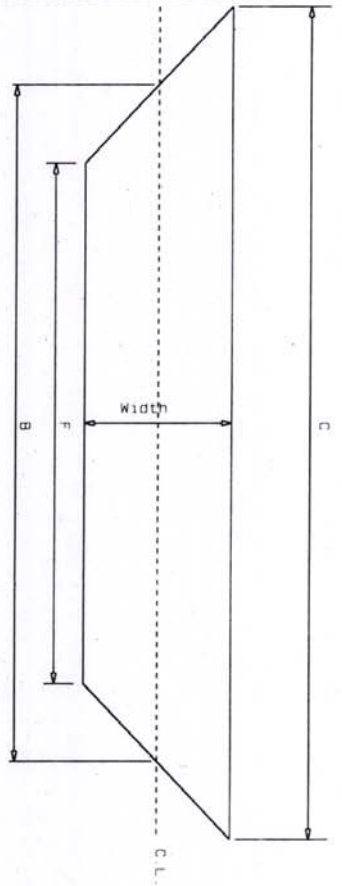
DIN	NO	NAME	SIGN	DATE	NO OF

TITLE		DRAWING NO		REV
Main Yoke Laminations		34647000419		00
500MVA 400/220/33 KV OPTCL		SHT NO. 12		NO OF SHTS. 17

SIZE A3

61P0004794E

DN: DRG



159 185.0 104 1455.0 1640.0 1270.0 207.7
 160 160.0 80 1467.5 1627.5 1307.5 139.4
 Total 14627.9

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It	Width	Thick	B	C	F	Wt-Cut
141	475.0	536	1310.0	1785.0	835.0	2474.9
142	470.0	248	1312.5	1782.5	842.5	1135.2
143	450.0	344	1317.5	1777.5	857.5	1547.0
144	450.0	256	1322.5	1772.5	872.5	1130.5
145	440.0	176	1327.5	1767.5	887.5	762.8
146	430.0	184	1332.5	1762.5	902.5	782.3
147	415.0	240	1340.0	1755.0	925.0	990.4
148	400.0	208	1347.5	1747.5	947.5	831.9
149	385.0	184	1355.0	1740.0	970.0	712.3
150	370.0	168	1362.5	1732.5	992.5	628.5
151	355.0	120	1370.0	1725.0	1015.0	433.1
152	335.0	176	1380.0	1715.0	1045.0	603.8
153	315.0	168	1390.0	1705.0	1075.0	545.8
154	295.0	144	1400.0	1695.0	1105.0	441.3
155	275.0	136	1410.0	1685.0	1135.0	391.3
156	255.0	120	1420.0	1675.0	1165.0	322.4
157	235.0	104	1430.0	1665.0	1195.0	259.3
158	210.0	128	1442.5	1652.5	1232.5	287.7

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF PRINTS
 W.O: 63202A51201



BHARAT HEAVY ELEC. LTD
 BHOPAL

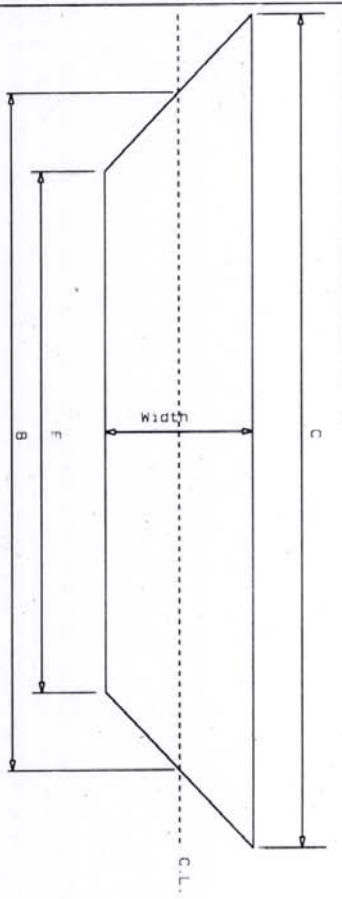
SCALE N.T.S.

NAME	SIGN	DATE	NO. OF VAR
PP	<i>[Signature]</i>	20/11/24	
KKA	<i>[Signature]</i>	5/11/23	
SR/RES	<i>[Signature]</i>	12/1/24	

REV	DATE	ALTERED	CHECKED	DEPT	UNIT	DRG. GR.	TITLE	DRAWING NO	REV
							Aux Yoke Laminations	34647000419	00
							500MVA 400/220/33 KV. OPTCL		

614000494C

ON-DWG



Item	Width	Thick	B	C	F	Weight
59	185.0	26	3010.0	3195.0	2825.0	107.4
60	150.0	20	3020.0	3180.0	2860.0	71.7
Total						8255.1

Item	Width	Thick	B	C	F	Weight
41	475.0	134	3035.0	3510.0	2560.0	1433.5
42	470.0	62	3035.0	3505.0	2565.0	656.3
43	460.0	86	3035.0	3485.0	2575.0	890.9
44	450.0	64	3035.0	3485.0	2585.0	648.6
45	440.0	44	3035.0	3475.0	2595.0	436.0
46	430.0	46	3035.0	3455.0	2605.0	445.5
47	415.0	60	3035.0	3450.0	2620.0	560.8
48	400.0	52	3035.0	3435.0	2635.0	468.4
49	385.0	46	3035.0	3420.0	2650.0	398.9
50	370.0	42	3035.0	3405.0	2665.0	350.0
51	355.0	30	3037.5	3392.5	2682.5	240.0
52	335.0	44	3050.0	3385.0	2715.0	333.6
53	315.0	42	3070.0	3385.0	2755.0	301.4
54	295.0	36	3070.0	3365.0	2775.0	241.9
55	275.0	34	3050.0	3325.0	2775.0	211.6
56	255.0	30	3030.0	3285.0	2775.0	172.0
57	235.0	26	3010.0	3245.0	2775.0	136.5
58	210.0	32	3010.0	3220.0	2800.0	150.1

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INVENTORY AC SIGN AND DATE REF DRG NO

DISTRIBUTION OF PRINTS
 W.O: 63202A51201

REV.	DATE	ALTERED BY	CHECKED BY

BHARAT HEAVY ELEC. LTD
 BHOPAL

DEPT: THE
 INTL. DIMS OR
 SCALE: N.T.S.

APPD	CHKD	DRN	PR	NAME	SIGN	DATE	NO OF VARS

TITLE: AUX Leg Laminations
 500kVA 400/220/33 KV. OPTCL

DRAWING NO: 34647000419
 SHEET NO: 15 OF 17

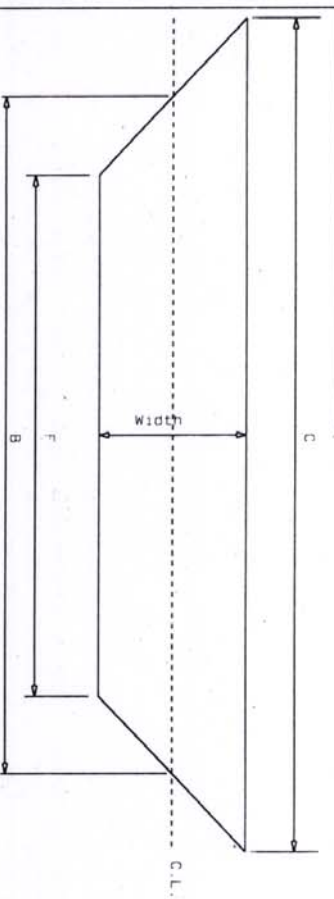
REV: 00

SIZE A3

First Angle Projection

DN: 502

All dimensions in mm



Item	Width	Thick	B	C	F	Weight
39	185.0	26	2950.0	3135.0	2765.0	105.3
40	160.0	20	2960.0	3120.0	2800.0	70.3
Total						8092.0

Item	Width	Thick	B	C	F	Weight
21	475.0	134	2975.0	3450.0	2500.0	1405.1
22	470.0	62	2975.0	3445.0	2505.0	543.3
23	460.0	56	2975.0	3435.0	2515.0	873.3
24	450.0	64	2975.0	3425.0	2525.0	635.8
25	440.0	44	2975.0	3415.0	2535.0	427.4
26	430.0	46	2975.0	3405.0	2545.0	436.7
27	415.0	60	2975.0	3390.0	2560.0	549.7
28	400.0	52	2975.0	3375.0	2575.0	459.2
29	385.0	46	2975.0	3360.0	2590.0	391.0
30	370.0	42	2975.0	3345.0	2605.0	343.1
31	355.0	30	2977.5	3332.5	2622.5	235.3
32	335.0	44	2890.0	3325.0	2655.0	327.0
33	315.0	42	3010.0	3325.0	2695.0	295.5
34	295.0	36	3010.0	3305.0	2715.0	237.2
35	275.0	34	2990.0	3285.0	2715.0	207.5
36	255.0	30	2970.0	3225.0	2715.0	168.6
37	235.0	26	2950.0	3185.0	2715.0	133.8
38	210.0	32	2950.0	3160.0	2740.0	147.1

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INVENTORY NO. SIGN AND DATE REF. DRG. NO.

DISTRIBUTION OF PRINTS
 W.O: 63202A51201



BHARAT HEAVY ELEC. LTD
 BHOPAL

REV	DATE	ALTERED	CHECKED	APPROVED

DEPT	INSTR. DIMS. DR.	SCALE	WEIGHT
		N T S	

DRN	PP	NAME	SIGN	DATE	NO OF VARI

TITLE: Aux Leg Laminations
 500MVA 400/250/33 KV. OPTCL
 DRAWING NO: 34647000419
 REV: 00

SIZE A3

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must not be used directly or indirectly in any way detrimental to the interest of the company.

NO.	Width	SPLIT-WT	S-LEN(M)	NO.	Width	SPLIT-WT	S-LEN(M)	NO.	Width	SPLIT-WT	S-LEN(M)	NO.	Width	SPLIT-WT	S-LEN(M)
1	160.0	281.4	999.5	2	185.0	420.5	1291.7	3	210.0	584.9	1583.0	4	235.0	529.6	1280.7
5	255.0	663.0	1477.8	6	275.0	810.4	1674.8	7	280.0	407.2	826.6	8	295.0	920.5	1773.3
9	305.0	570.8	1063.6	10	315.0	1142.7	2061.8	11	330.0	752.3	1295.6	12	335.0	1264.4	2145.1
13	355.0	1559.1	2496.1	14	370.0	1321.5	2029.9	15	375.0	786.4	1191.8	16	380.0	1152.0	1723.0
17	385.0	1502.1	2217.4	18	395.0	930.8	1339.3	19	400.0	2583.0	3670.1	20	410.0	1230.9	1706.3
21	415.0	4322.5	5919.7	22	430.0	3897.3	5151.1	23	435.0	1244.6	1626.1	24	440.0	2261.0	2920.5
25	445.0	2855.6	3647.1	26	450.0	2414.9	3050.0	27	455.0	1351.9	1688.6	28	460.0	6640.4	8204.4
29	470.0	2434.8	2944.2	30	475.0	9442.6	11298.1	31	485.0	1463.2	1714.6	32	490.0	4287.7	4973.2
33	495.0	2172.2	2494.0	34	505.0	6089.2	6853.0	35	515.0	3727.9	4114.0	36	520.0	6551.4	7160.5
37	525.0	2281.4	2469.7	38	535.0	5215.3	5540.4	39	540.0	1261.7	1328.0	40	545.0	2294.3	2392.5
41	550.0	6641.1	6862.6	42	560.0	1567.1	1610.7	43	570.0	2338.6	2332.0	44	580.0	3183.2	3119.2
45	590.0	3452.2	3325.5	46	595.0	5052.6	4826.2	47	630.0	1407.4	1269.6	48	670.0	1716.6	1456.1
49	710.0	1948.8	1560.0	50	750.0	2415.8	1830.6								


Total Sittling Weight = 121366.6 KG
 Nett Core Weight = 120330.6 KG
 Core steel to be drawn = 124400.8 KG
 (With 2.5 % Wastage)

INVENTORY NO. SIGN AND DATE REF DRG NO.

DISTRIBUTION OF POINTS

W.O: 63202A51201

REV.	DATE	ALTERED	CHECKED

 <p>BHARAT HEAVY ELEC. LTD BHOPAL</p>	DEPT	INTL. DRWG. GR.	SCALE	WEIGHT	APPD	NAME	SIGN	DATE	NO. OF VAR
			N.T.S						
TITLE Summary of Weights 500MVA 400/220/33 KV. OPTCL					REF. TO ASSY. DRG.				
DRAWING NO 34647000419									
SHIT NO. 17									
NO. OF SHITS: 17									
REV 00									



**PLANT PURCHASING SPECIFICATION
BHOPAL**

BP 10985

REV NO. 05

PAGE 1 of 7

**SUPERSEDES
BP 10985 Rev 04**

**COLD ROLLED GRAIN ORIENTED SHEET STEEL
27HP90d**

1. GENERAL:

This specification governs the quality requirements of double side insulated, cold rolled, grain oriented magnetic steel sheets of thickness 0.27mm manufactured by means of laser scribing or plasma flame irradiation or any equivalent process.

2. APPLICATION:

Used in transformer cores.

3. CONDITION OF DELIVERY:

Cold rolled and annealed.

The sheet shall be supplied in side trimmed continuous coils, with insulation coating on both sides, as specified in clause 6.

4. COMPLIANCE WITH NATIONAL STANDARDS:

There standard is based on IS:3024

5. DIMENSIONS AND TOLERANCES:

5.1 Sizes:

The steel sheet shall be supplied to the dimensions specified on the order.

5.1.1 Thickness:

The thickness of the sheet shall be 0.27 mm.

5.1.2 Width:

The nominal standard width of the coil shall be 790, 840, 915 or 1000 mm.
The order shall clearly specify the width of the coil required.

5.1.3 Weight:

The nominal weight of the coil shall be between 1800 - 2500 kg.

Revision :

Reviewed and brought upto date .

Issued by :

STANDARDS AND MATERIALS GROUP
TECHNICAL SERVICES DEPARTMENT

Rev. 05

Date : 08.02.2023

Date of first Issue: 17.7.1979

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PLANT PURCHASING SPECIFICATION BHOPAL

BP 10985

REV NO. 05

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5.2 Tolerances:

5.2.1 Thickness:

Tolerance on thickness when measured with a contact micrometer at any location, not less than 9.5 mm from an edge shall not deviate more than ± 0.025 mm from the average thickness of the test lot or coil. The outer limits of acceptable thickness shall be within the range of 0.241 to 0.305 mm.

5.2.2 Width:

The tolerance of width for side trimmed coil shall be - 0 and + 3 mm.

5.2.3 Edge Camber:

The deviation of a side edge from a straight line over 2440 mm length or fraction thereof shall not exceed 3.2 mm.

5.3 Waviness:

Sharp, short waves and buckles are extremely detrimental to the effective use of grain oriented electrical steel in flat laminations and shall be avoided in the delivered materials.

For material of width greater than 150 mm, the deviation from flatness (Wave Factor) expressed as a percentage, shall not exceed 1.5 %

6 MANUFACTURE:

The sheet shall be of low carbon, silicon steel having silicon content around 3.15%. High permeability and low core-loss in the direction of rolling is to be achieved by appropriate metallurgical processes.

The thermally flattened material shall be coated with an inorganic surface coating type C2 and an inorganic surface coating, type C5, applied over the inherent C2 coating to provide extra surface insulation resistance on both sides

The steel sheets shall be uniformly coated on both sides with an insulation as stated above, as part of its manufacturing process, and the magnetic domain may be finely sub-divided to achieve lower core loss by suitable means other than by mechanical scribing.

The insulation, coating shall be uniform throughout the length of the coil. There shall be no line marks, rough spots, dots and patches etc.

Note: Not to be confused with some discoloration/shade difference of the insulation inherent to the manufacturing process.

7 FREEDOM FROM DEFECTS:

The material shall be clean, bright, smooth and free from dents, surface defects such as holes, scabs, pits, blisters, slivers, mill marks etc. and also free from oil, grease, dust scale and rust.

The sheet surface shall not exhibit any of these defects.

8 TEST SAMPLES:

Test samples shall be selected from the consignment as follows:

8.1 Maximum Specific Total Loss:

One from each coil.

8.2 Electrical & Mechanical Tests:

One sample per consignment/lot for Mechanical Tests and Electrical Tests (Surface Insulation Resistivity and Magnetic Permeability Tests).

8.3 The test samples shall be sufficient in size to provide the necessary test pieces.

9 TEST METHODS:

Unless otherwise specified, the test shall be conducted in accordance with the relevant method specified in IS 3024

10 MECHANICAL TESTS:

10.1 Ductility:

Material shall possess good shearing and punching properties and shall be sufficiently ductile to permit normal working.

The bend test shall be carried on transversely cut test specimen of not less than 152 mm long and 30 mm wide.

The test specimen shall be initially bent through 90 degrees, this bend not being counted. The specimen shall then be bent backward and forward through 160 degrees. The specimen shall complete one bend without fracture.

10.2 Stacking Factor:

The surface quality of the material when measured in terms of stacking factor (viz. a minimum of 16 samples under a pressure of 0.35 MPa) shall be 95% minimum.

11. ELECTRICAL TESTS:

11.1 Surface Insulation Resistivity:

When tested as per IS 649 Section-2, the surface insulation resistivity per lamination (two surfaces of single strip specimens (5 on each side), shall show the following readings.

Average Value - 10 ohms cm², minimum.

Individual Value - 5 ohms cm², minimum

11.2 Maximum Specific Total Loss:

11.2.1 Cutting of Test Specimen:

The test specimen for the single sheet tester shall consist of one sheet having the following dimensions as per IS:3024

Length: 500 mm to 530 mm

Width : 500 +0/-5 mm

The test specimen shall be cut parallel to the direction of rolling.



PLANT PURCHASING SPECIFICATION BHOPAL

BP 10985

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11.2.2 Testing:

When tested in accordance with IS 649, the specimens prepared as described in clause 11.2.1 without stress relief annealing and shall be tested at a peak magnetic flux density of 1.7 T and a frequency of 50 Hz. the specific total loss shall not be greater than 0.90 watt/kg as measured with single sheet tester

11.3 Magnetic Permeability Test

The induction value at 800 A/m magnetizing force shall not be less than 1.85 Tesla.

12. TYPE TEST: - Ageing*

When tested at a peak Magnetic Flux Density of 1.7T and at a frequency of 50 Hz, the specific total loss of the specimen which has been heated at a temperature of 225 deg.C for 24 hours shall not deteriorate by more than 4% of the measured specific total loss (clause 11.2) of the coil concerned.

*Note: Type tests shall be carried out when "Type Approval" to a supplier is given and repeated once in two years for the approved sources.

13 TEST CERTIFICATES:

Unless otherwise stated, three copies of certificates shall be supplied along with each consignment.

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their dispatch documents/shipping list to facilitate quick clearance of the material.

The test certificate shall bear the following information.

BP 10985 - Rev. 05: Cold Rolled Grain Oriented Sheet Steel Gr: 27HP90D

Order No,

Supplier's Name/Grade/ Identification No,

Size & Weight,

Packet/Bundle No,

Test Results of Dimensions & Tolerances,

Freedom from Defects,

Details of Insulation Coating,

Type Test, Properties of

(a) Specific Total Loss of each coil

(b) Mechanical & Electrical properties for one random coil of each lot/consignment,

(c) Results of chemical composition for information only.

14 PACKING AND MARKING:

The material shall be supplied preferably in coils of continuous length. However, if it becomes unavoidable, the coils of the order can be supplied with maximum of three butt weld joints, The supplier shall ensure than the welds are made in such a manner without causing damage to the areas of coil adjacent to the weld. The welds shall be clearly marked by suitable tags projecting outside the coil.

Sheets shall be packed vertically/horizontally according to the instructions given in the Annexure.

A Metal label / tag shall be securely attached with each coil or drum or bundle outside its wrapping and shall be legibly marked with the following information.

BP 10985 : Cold Rolled Grain Oriented Sheet Steel Gr : 27HP90D

BHEL Order No.

Manufacturer's/Supplier's name. Identification/Coil No.

Size and Quantity supplied.

GENERAL INFORMATION FOR CALCULATION

Density - 7.65 Kg/dm³.

ANNEXURE

DETAILED INSTRUCTIONS FOR PACKING

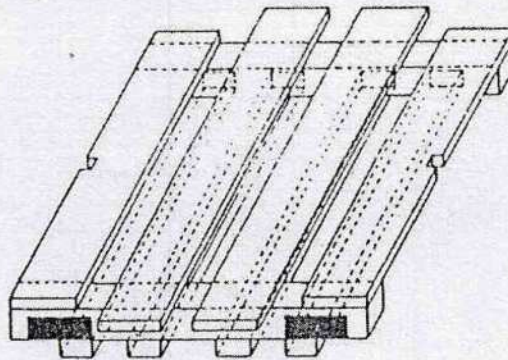
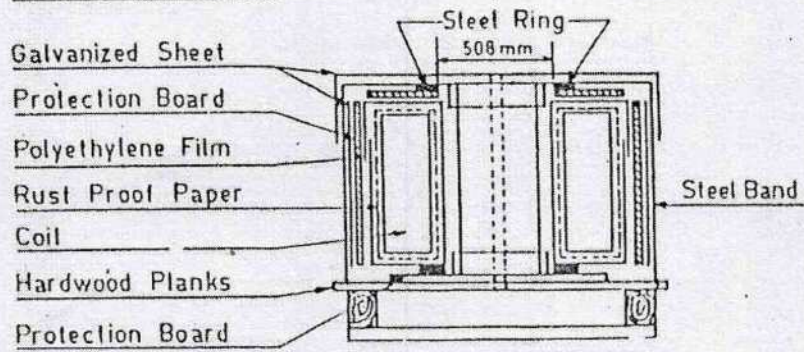
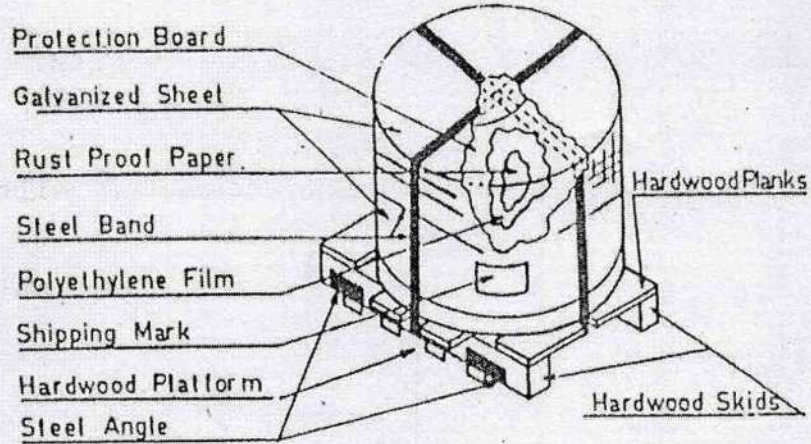
The nominal weight of each coil shall be 1800-2500 Kg.

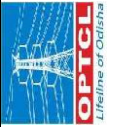
The nominal internal diameter of coil shall be 508 mm.

Packing shall be sea-worthy and shall protect the coils from damage and rusting during transit.

Coils shall be vertically/horizontally packed according to the instructions given below.

1. An annular protection board shall be placed at either end of the coil. Protection Board sleeve shall be provide at ID of the coil.
2. The coil shall then be wrapped with waterproof anti-rust crepe kraft paper by lapping axially all around the circumference.
3. The coil shall then be covered by polyethylene sheet or anti-rust waterproof paper and the ends sealed properly.
4. A galvanised sheet shall be wrapped on the outside of the coil and the top and bottom of the coil. Care shall be taken to ensure that the ends of the top and bottom of the coils extend sufficiently over the inside diameter of the coil.
5. A galvanised sheet shall be wrapped on the inside of the coil care shall be taken that it overlaps sufficiently over the ends of the sheet mentioned in (4) above.
6. Steel rings made from thick angle sheets shall be placed on the rim of the inner diameters at both ends of the coil. The rings shall be held at either ends at four points by steel bands.
7. The coil shall then be mounted on wooden skids, held together by steel bands. Wooden skids must have cutouts to house the steel bands for tight fit and to avoid slippage.
8. The packing shall ensure that there is no seepage of moisture and the coil reach BHEL in completely rust free condition. It should be strong enough to withstand handling at the docks, at sea and on the road.
9. Coils shall be sufficiently tight wound to prevent collapse to an extent that would preclude their being mounted on a mandrel appropriate to the ordered internal diameter.
10. Each package shall indicate the, Sling Position, for lifting without damage. It is preferable to fix a suitable size of, 'Sheet Steel Angle', at the position where the Sling Rope is to be fitted to avoid slippage/damage/ breakage of the wooden skid at four places.



SUPPLIER DETAILS: STANDARD MANUFACTURING QUALITY PLAN EHV TRANSFORMERS AND SHUNT REACTORS (UP TO 400 KV)		CUSTOMER ADDRESS: OPTCL CORPORATE OFFICE,JANPATH, BHOINAGAR,BHUBANESWAR, ODISHA, PIN-751022					
		DATE OF ISSUE :- 25.06.2021	REV. :- 00			QAP NO. :- OPTCL/EQ/MQP/EHVTRF-RTR	
SL. NO.	ITEM / TEST / OPERATION	TYPE OF CHECK	SAMPLING RATE	REFERENCE DOCUMENT	ACCEPTANCE NORMS	RECORD FORMATS	RESPONSIBILITY
							S M C

2.1.1.14	Check arrangement of Fibre Optic Sensor (FOS) (if applicable)	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.2	COIL STABILISATION								
2.1.2.1	Drying of coils i)Oven Temperature ii)Stabilising pressure	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.2.2	Coil clamping for shrinking and shrunk coil height and dimension and shrinking force	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.2.3	Visual Inspection	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.2.4	Testing of winding: Continuity/buzzer test	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3	COIL ASSEMBLY								
2.1.3.1	Coil Height and Dimension	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.2	End ring Dimensions	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.3	Placement of coils	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.4	Clearance between coil and inter coil insulation	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.5	Top insulation	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.6	Lead forming and dimension	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	V
2.1.3.7	a) Winding Conductor sample selection for Purity analysis and Oxygen content.(If desired by the Purchaser) b) Winding conductor sample collection for check of DP before and after VP.	SS	100%	As per OS / SMQP	As per OS / SMQP	AL-TC	---	---	V
2.2	CRGO LAMINATION FOR CORE (TEST WITNESS AT THE TIME OF MOTHER COIL SAMPLING,CUTTING,SLITTING AS PER CL.1.11)								
2.2.1	Traceability Record of parent coil	VE	One sample of each type per item	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.2.2	Slitting dimension	MM	-DO -	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.2.3	Check of thickness and dimensions	MM	-DO -	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.2.4	Burr check	MM	-DO -	As per OS/AD/DD/EM-MS	20 micron (Max)	EM-TC	---	P	W
2.2.5	Edge Bow Check	MM	-DO -	As per OS/AD/DD/EM-MS	Bow : L<250 mm H<2 mm L<250 mm H<3 mm Others as per EM SPEC/ Specific Grade	EM-TC	---	P	W
2.2.6	Edge Camber Check	VI	-DO -	As per OS/AD/DD/EM-MS	Max. 0.9 mm for length of 2 meter.	EM-TC	---	P	W

EM – EQUIPMENT MANUFACTURER MM – MEASUREMENT DD – DESIGN DATASHEET P – PERFORM
 CM – COMPONENT MANUFACTURER VE – VERIFICATION RR – RECORD REVIEW S – SUB-VENDOR V – VERIFY
 AL – ACCREDITED LAB PH – PHYSICAL AD – APPROVED DRAWING/GTTP C – CUSTOMER W – WITNESS
 TC – TEST CERTIFICATE EL – ELECTRICAL MS – MANUFACTURING STANDARD OR MATERIAL SPECIFICATION
 AS – APPLICABLE STANDARD ME – MECHANICAL OS – OPTCL TECH. SPECIFICATION
 VI – VISUAL CH – CHEMICAL SS – SAMPLE SELECTION

APPROVED BY CUSTOMER SEAL MANUFACTURER SEAL Page 26

SUPPLIER DETAILS:		STANDARD MANUFACTURING QUALITY PLAN				CUSTOMER ADDRESS: OPTCL CORPORATE OFFICE,JANPATH, BHOINAGAR,BHUBANESWAR, ODISHA, PIN-751022					
		EHV TRANSFORMERS AND SHUNT REACTORS (UP TO 400 KV)									
DATE OF ISSUE :- 25.06.2021		REV. :- 00	QAP NO. :- OPTCL/EQ/MQP/EHVTRF-RTR		ACCEPTANCE NORMS			RECORD FORMATS		RESPONSIBILITY	
ITEM / TEST / OPERATION		TYPE OF CHECK	SAMPLING RATE	REFERENCE DOCUMENT							
SL. NO.	ITEM / TEST / OPERATION	TYPE OF CHECK	SAMPLING RATE	REFERENCE DOCUMENT	ACCEPTANCE NORMS	RECORD FORMATS	S	M	C		

SL. NO.	ITEM / TEST / OPERATION	TYPE OF CHECK	SAMPLING RATE	REFERENCE DOCUMENT	ACCEPTANCE NORMS	RECORD FORMATS	S	M	C
2.2.7	Wave Factor	VI	-DO -	As per OS/AD/DD/EM-MS	Less than 1.5%	EM-TC	---	P	W
2.3	CORE BUILDING & FRAME ASSEMBLY								
2.3.1	CRGO sheet selection during core building for testing of a) Specific core loss b) Stacking factor c) Surface insulation resistivity d) Magnetic polarisation e) Ductility / Bend test f) Ageing g) Lamination thickness	SS	One sample/transformer	As per OS/SMQP	AT THE TIME OF CORE CUTTING AND SLITTING	EM-TC	---	P	W
2.3.2	Chemical Composition check (If desired by the Purchaser)	SS	One sample/transformer	As per OS/SMQP	As per OS/SMQP	AL-TC	---	---	V
2.3.3	Check of frame assembly	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.4	Check of Core Diameter	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.5	Leg Center and Leg Length	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.6	Check window width and window height and diagonal of frame	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.7	Check height of core stack	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.8	Check for rectangularity of core assembly	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.9	Limb clamping and binding	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.10	Check for overlaps and air gaps at joints	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.11	Check arrangement of insulation for limb and plates	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.12	Check assembly of tensile bolt/yoke bolt (torque check)	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.13	Check banding of polyester tape	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.14	Check of core inclination	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.15	Check of waviness of core yoke	VI	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.16	Check of Overall Dimension of core (without Top Yoke)	MM	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.17	Core assembly dielectric and earthing continuity test (Check of insulation resistance between (CC-CI, CC-Yoke Bolt, CI-Yoke Bolt)-by 2kV/EL IR Tester)	VE	100%	As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.3.18	Check insulation resistance between cooling duct by 500 V megger(HEL Applicable)	-DO -		As per OS/AD/DD/EM-MS	As per OS/AD/DD/EM-MS	EM-TC	---	P	W
2.4	CORE & COIL ASSEMBLY								

CHECKED APPROVED

ENG. & QUALITY
OPTCL, BHUBANESWAR

M - MANUFACTURER
S - SUB-VENDOR
C - CUSTOMER
P - PERFORM
V - VERIFY
W - WITNESS

EM - EQUIPMENT MANUFACTURER
CM - COMPONENT MANUFACTURER
AL - ACCREDITED LAB
TC - TEST CERTIFICATE
AS - APPLICABLE STANDARD
VI - VISUAL
MM - MEASUREMENT
VE - VERIFICATION
PH - PHYSICAL
EL - ELECTRICAL
ME - MECHANICAL
CH - CHEMICAL
SS - SAMPLE SELECTION
DD - DESIGN DATASHEET
RR - RECORD REVIEW
AD - APPROVED DRAWING/GTTP
MS - MANUFACTURING STANDARD OR MATERIAL SPECIFICATION
OS - OPTCL TECH. SPECIFICATION

INTEGRITY PACT**Between**

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

and


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

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for CRGO
Construction and power equipment E1452087
_____ (hereinafter referred to as "Contract"). The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).


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

Section 1- Commitments of the Principal

- 
- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
 - 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Bharatiya Nyaya Sanhita (BNS) 2023 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

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

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

- 
- 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Bharatiya Nyaya Sanhita (BNS) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and shall await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process, terminate the contract, if already awarded, exclude from future business dealings and/ or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder (s) from the tender process before award / order acceptance according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal is entitled to terminate the Contract according to Section 3, or terminates the Contract in application of Section 3 above, the Bidder(s)/ Contractor (s) transgression through a violation of Section 2 above shall be construed breach of contract and the Principal shall be entitled to demand and recover from the Contractor an amount equal to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher, as damages, in addition to and without prejudice to its right to demand and recover compensation for any other loss or damages specified elsewhere in the contract.


Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 (three) years (to be reckoned from date of bid submission) with any other company in any country conforming to the anti-corruption approach in India that could justify his exclusion from the tender process. The date of such transgression, for the purpose of disclosure by the bidders in this regard, would be the date on which cognizance of the said transgression was taken by the competent authority. The transgression(s), for which cognizance was taken even before the said period of three years, but are pending conclusion, shall also be reported by the bidders.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason or action can be taken as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 6 - Equal treatment of all Bidder (s)/ Contractor (s) / Sub-contractor (s)

- 6.1 The Principal will enter into Integrity Pacts with identical conditions as this Integrity Pact with all Bidders and Contractors.
- 6.2 In case of a joint venture, all the partners of the joint venture should sign the Integrity Pact. In case of Sub-contracting, the Principal Contractor shall be solely responsible for the adherence to the provisions of IP by the sub-contractor(s).
- 6.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors



If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 -Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible panel of Independent External Monitor (s) (IEMs) for this Integrity Pact. The task of the IEMs is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Integrity Pact on receipt of any complaint by them from the bidder(s).
- 8.2 The IEMs are not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The IEMs shall be provided access to all documents/ records pertaining to the Contract, for which a complaint or issue is raised before them as and when warranted. However, the documents/records/information having National Security implications and those documents which have been classified as /Top Secret are not to be disclosed.
- 8.4 The Principal will provide to the IEMs sufficient information about all meetings among the parties related to the Contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the IEMs the option to participate in such meetings.
- 8.5 The role of IEM is advisory and the advice of IEM is non- binding on the Organization. However, as IEMs are invariably persons with rich experience who have retired as senior functionaries of the government, their advice would help in proper implementation of the IP.

- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of the tendering process, the matter should be examined by the full panel of IEMs jointly, who would look into the records, conduct an examination, and submit their joint recommendations to the Management. In case the full panel is not available due to some unavoidable reasons, the available IEM(s) will conduct examination of the complaints. Consent of the IEM(s), who may not be available, shall be taken on record.
- 8.7 The IEMs shall examine all the representations/grievances/ complaints received by them from the bidders or their authorized representative related to any discrimination on account of lack of fair play in modes of procurement and bidding systems, tendering method, eligibility conditions, bid evaluation criteria, commercial terms & conditions, choice of technology/ specifications etc.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the IEMs and its terms and conditions.
- 8.9 IEMs should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the Principal should be looked into by the CVO of the Principal.
- 8.10 If the IEMs have reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Bharatiya Nyaya Sanhita (BNS)/ Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the IEMs may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 After award of work, the IEMs shall look into any issue relating to execution of Contract, if specifically raised before them. As an illustrative example, if a Contractor who has been awarded the Contract, during the execution of Contract, raises issue of delayed payment etc. before the IEMs, the same shall be examined by the panel of IEMs.
- 8.12 However, the IEMs may suggest systemic improvements to the management of the Principal, if considered necessary, to bring about transparency, equity and fairness in the system of procurement.
- 8.13 The word 'Monitor' would include both singular and plural.

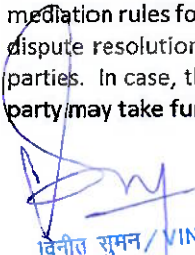
Section 9 - Pact Duration

- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This Integrity Pact is subject to Indian Laws and exclusive jurisdiction shall be of the competent Courts as indicated in the Tender or Contract, as the case may be.
- 10.2 Changes and supplements as well as termination notices need to be made in writing.

- 10.3 If the Bidder(s)/ Contractor(s) is a partnership or a consortium or a joint venture, this Integrity Pact shall be signed by all partners of the partnership or joint venture or all consortium members.
- 10.4 Should one or several provisions of this Integrity Pact turn out to be invalid, the remainder of this Integrity Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this Integrity Pact with the Principal would be competent to participate in the bidding. In other words, entering into this Integrity Pact would be a preliminary qualification.
- 10.6 In the event of any dispute between the Principal and Bidder(s)/ Contractor(s) relating to the Contract, in case, both the parties are agreeable, they may try to settle dispute through Mediation before the panel of IEMs in a time bound manner. If required, the Principal may adopt any mediation rules for this purpose. However, not more than five meetings shall be held for a particular dispute resolution. The fees/expenses on dispute resolution shall be equally shared by both the parties. In case, the dispute remains unresolved even after mediation by the panel of IEMs, either party may take further action as the terms & conditions of the Contract.


 विनीत सुमन / VINEET SUMAN
 बरि. प्रबंधक / Sr. Manager
 भौतिक एवं स्टील विभाग / CMM-Steel Division
 भारतीय इलेक्ट्रिकल कार्पोरेशन लि., भोपाल / B.N.E.L., BHOPAL

For & On behalf of the Principal
 (Office Seal)

For & On behalf of the Bidder/ Contractor
 (Office Seal)

Place BHEL, Bhopal.

Date 07/02/26

Witness: _____
 (Name & Address) ~~BHEL~~ MADHURENDRA MANDERWAL
BHEL BHOPAL

Witness: _____
 (Name & Address) _____

Clause on IP in the tender**Integrity Pact (IP)**

- (a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. Following Independent External Monitors (IEMs) on the present panel have been appointed by BHEL with the approval of CVC to oversee implementation of IP in BHEL.

SI	IEM	Email
1.	Dr. Sarat Kumar Acharya, Ex-CMD, NLC	iem1@bhel.in
2.	Shri R. Mukundan, IRPS (Retd.)	iem2@bhel.in
3.	Shri Madan Lal Meena, IAS (Retd.)	iem3@bhel.in

- (b) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.
- (c) Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the panel of IEMs. All correspondence with the IEMs shall be done through email only.

Note:

No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are provided below:

Details of contact person(s):

(1)
 Name: Vineet Suman
 Deptt: CMM-Steel
 Address: BHEL Bhopal.
 Phone: (Landline/ Mobile)
0755-2505885
 Email: vineetsuman@bhel.in
 Fax: _____

(2)
 Name: MADHURENDRA MANDERWAR
 Deptt: CMM-FE & STEEL
 Address: BHEL BHOPAL
 Phone: (Landline/ Mobile)
0755-2505210
 Email: madhurendra@bhel.in
 Fax: _____



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**BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
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BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL GENERAL TERMS AND CONDITIONS OF ENQUIRY

Sl. No.	Description
1	General:
1.1	<p>These General Terms & Conditions (GTC) shall apply to all enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., Bhopal (hereinafter referred to as BHEL or the Purchaser) or its Projects / Customers. Special / supplementary enquiry conditions, if any, will override the conditions in this annexure. In case of placement of order these conditions will become part of Purchase Order (PO) until unless the deviations are specifically agreed by BHEL.</p> <p>In case of any inconsistency, conflicts or contradiction among any of the contract documents, the interpretations will be based on the following order of precedence:</p> <ol style="list-style-type: none"> i. Amendments to Purchase Order/ Framework agreement ii. Purchase Order/ Framework Agreement iii. Letter of intent (LOI)/ Letter of Award (LOA) iv. Minutes of meeting or Clarifications agreed between Buyer and Seller as regards to the tender or the bidding conditions v. Corrigenda to NIT, with those of later date having precedence over those of earlier date vi. Original NIT and annexures except documents listed in point no (vii) to (ix) below vii. Technical specifications including their annexures viii. Special Terms and condition of Enquiry (STC) ix. General Terms of Enquiry (GTC)
2	General Instructions - Common for Indigenous & Foreign enquiries
2.1	<p>Through eProcurement</p> <ol style="list-style-type: none"> 1. Interested bidders / suppliers shall submit their offer through e-procurement mode at https://eprocurebhel.co.in/nicgep/app 2. Offers in any other mode will not be accepted. 3. Procedure for submission of tender is available in the "Bidder Manual Kit" at e-tender portal https://eprocurebhel.co.in/. 4. In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-4493395 email: support- eproc@nic.in. These details are also available on Contact Us page of the portal. 5. Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates etc uploaded by him, owning responsibility for their correctness / authenticity. 6. Disclaimer clause: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.
2.2	Through tender room (Conventional tender)
2.2.1	<p>Sealed bids are invited for scope of Supply / Services as detailed in the enquiry. Bid should be free from correction, overwriting, using of corrective fluid etc. Any interlineation, cutting, overwriting shall be valid only if they are attested under full signature(s) of persons signing the bid else shall be liable for rejection.</p> <p>All overwriting/ cutting etc. will be numbered by bid opening officials and announced during bid opening. The bid should be submitted in English or Hindi language. Relevant enclosures, supporting documents, catalogue, samples, if any, as required as per Notice Inviting Tender (NIT) conditions shall be sent along with technical offer. Rate should be quoted in the units asked for in the enquiry.</p>



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2.2.2	<p>Bids shall be submitted in a Sealed cover with Enquiry No., Due date and Bidder's name indicated on the cover. In case of Two-Part Bid, technical bid containing technical offer, this GTC duly filled-in & signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price (as called for in the price format where required) should be kept in a separate envelope. Both envelopes indicating Part —I or Part-II as the case may be to be put in a bigger envelope, which should be addressed to in charge, Tender Room, Bharat Heavy Electricals Ltd. 2nd Floor, Jawahar Bhavan, Piplani, Bhopal 462022. Enquiry No., due date and bidder's name must be mentioned on all envelopes.</p> <p>Offer must reach tender room of BHEL Bhopal latest by 11.00 am IST on the enquiry due date.</p> <p>Bids submitted as single part bid against two – part bid, shall be rejected unless the offer is techno-commercially acceptable without seeking any clarification.</p>
2.2.3	<p>Offer received after 11.00 AM IST of the due date will be termed as "Late" and shall not be considered. However, late offer received against single tender enquiry may be considered.</p>
2.2.4	<p>Bidder can also submit offer through email id mmtender.bpl@bhel.in or if called for in the enquiry, at the designated /authorized email address indicated in the enquiry. Such email offers shall be sent only on designated email-id to reach before 11.00 am IST on the tender due date. BHEL will not be responsible for incomplete offers and the ones delivered late through e-mail. Bidder shall have no claim on e-mail offers sent to any other e-mail ID. In case of e-mail offers, the mail subject should contain Enquiry Number, Due date and Bidder name. Bidder address including contact details shall be mentioned in the content of the mail. Without these details, the offer is liable for rejection. All techno commercial terms & conditions mutually agreed prior to price bid opening shall prevail and supersede any terms and conditions specified otherwise in price bid.</p>
2.3	Through tender room or e- Procurement
2.3.1	<p>Commercial Conditions quoted by the bidder in any place including as stated in bidder's 'General Terms and Conditions' if any, shall not be binding on the Purchaser and the conditions contained in this annexure, including special conditions, if any, for this enquiry shall only prevail.</p>
2.3.2	<p>Rate should be quoted in the units asked for in the enquiry. The rates should be quoted both in figures and words. In case of discrepancy in figures and words, the rates quoted in words shall be considered.</p>
2.3.3	<p>The goods offered shall conform to BHEL specifications and / or National/International standards as mentioned in the Enquiry and the bidder is required to confirm his unconditional acceptance to the same. Bidders, seeking deviations from the specifications and any other conditions, may indicate the same clearly on a separate sheet indicating Sl. No. of the item, with reasons for such deviations. BHEL reserves the right to reject the offer with deviations or load the deviations suitably for evaluation.</p>
2.3.4	<p>Offers shall be submitted directly by bidder or his authorized agent only. Unsolicited offers shall be summarily rejected.</p>
2.3.5	<p>Bid in single part or techno-commercial bid in two-part system (as the case may be) will be opened on the due date. In case of two-part bid, price bids of techno-commercially accepted bidder(s) only shall be opened on the assigned date, for which separate intimation will be sent to the accepted bidders.</p>



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2.3.6	<p>Whenever specified /called in special /additional /tender specific remakes of tender the Bid Security/ Earnest Money Deposit (EMD)] is to be submitted by bidders along with their bids (except Micro and Small Enterprises (MSEs) or Start-ups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)).</p> <p><u>Modes of deposit</u></p> <p>a) The EMD may be accepted only in the following forms:</p> <p>(i) Electronic Fund Transfer credited in BHEL account (before tender opening).</p> <p>(ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer).</p> <p>(iii) Fixed Deposit Receipt (FDR).</p> <p>(iv) Bank Guarantee from any of the Scheduled Banks.</p> <p>(v) Insurance Surety Bonds.</p> <p>b) In case the EMD is more than Rupees Two lakh and in case of foreign bidders, it may be in the form of a bank guarantee (in equivalent Foreign Exchange amount, in case of foreign bidders) issued/ confirmed from any of the scheduled commercial bank in India in an acceptable form. The EMD shall remain valid for a period of 45 (forty-five) days beyond the final bid validity period.</p> <p><u>Forfeiture of EMD</u></p> <p>(i) A bidder's EMD will be forfeited if the bidder withdraws or amends its/ his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.</p> <p>(ii) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.</p> <p><u>Others Instructions</u></p> <p>(i) Bid securities of the unsuccessful bidders should be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, in case of two packet or two stage bidding, bid securities of unsuccessful bidders during first stage i.e. technical evaluation etc. will be returned within 30 days of declaration of result of first stage i.e. technical evaluation etc.</p> <p>(ii) Bid security will be refunded to the successful bidder on conclusion of the order/ receipt of a performance security (if called in the tender).</p> <p>(iii) EMD shall not carry any interest.</p>
2.3.7	<p>1.Any discount / revised offer submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer submission (Part-I). Conditional discounts shall not be considered for evaluation of tenders.</p> <p>2.Unsolicited discounts / revised offers given after Part-I bid opening shall not be accepted. No change in price will be permitted within the validity period of offer.</p> <p>3.In case of changes in scope and / or technical specification and / or commercial terms & conditions, having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for, then latest price bid shall prevail. However, in both situations, original price bid will be necessarily opened.</p>
2.3.8	<p>The bidders will submit Integrity Pact, duly signed by its authorized signatory, where called for in the enquiry.</p>
2.3.9	<p>Unregistered suppliers, who are techno-commercially qualified against the open tender, are requested to register with BHEL-Bhopal as permanent supplier by submitting the Supplier Registration Form (SRF) in online supplier registration portal (https://supplier.bhel.in/). Un-registered vendors may be approved by BHEL, if found suitable, on the basis of data furnished by them in Supplier Registration Form (SRF) for Foreign Vendors or Indigenous Vendors (as applicable)</p>
2.3.10	<p>BHEL expects that the bidder responds to the enquiry. Regret letter, with valid reasons for not participating in the tender will be submitted where the bidder is unable to submit offer. Repeated lack of response on the part of bidder may lead to his deletion from BHEL's approved bidder list. Refer guidelines for suspension of Business Dealings with Suppliers/Contractors available on https://www.bhel.com/sites/default/files/suspension_guidelines_abridged.pdf</p>
2.3.11	<p>In case of open tenders (i.e. those published in website) all corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL website. (https://bhel.com/tenders) and additional in https://eprocurebhel.co.in/nicgep/app for e-procurement tenders. Bidders responding to these tenders should regularly visit website(s) to keep themselves updated.</p>



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2.3.12	In the course of evaluation, if more than one bidder happens to occupy L-1 status effective L-1 will be decided by soliciting discounts from the respective L-1 bidders in sealed envelope and will be open in tender room. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/ draw of lots, in presence of the respective L-1 bidders or their representatives. Ranking will be done accordingly. BHELs decision in such situations shall be final and binding.
2.3.13	The Purchaser can consider awarding tendered quantities among more than one bidder (after acceptance of L1 price by the other bidders) in the manner and proportion disclosed in the tender conditions. Purchaser can also consider awarding of part of the tendered quantity to other than L-1 bidder at L1 counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for.
2.3.14	The bidder shall submit price bid strictly in the price format, wherever provided for, in the enquiry. Any attempt on the part of the bidder to alter the contents of the price bid format in any manner, which in the opinion of BHEL can vitiate the tendering process, will lead to rejection of the bid, <u>besides BHEL taking appropriate punitive action as deemed fit.</u> -Refer Guidelines for suspension of Business Dealings with Suppliers/Contractors available on https://www.bhel.com/sites/default/files/suspension_guidelines_abridged.pdf
2.4	BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com). If tender specific conditions call for reverse auction, RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking
2.5	BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items. BHEL reserves the right to decrease the tender quantity in case where negotiation is being held.
3	Delivery Terms
3.1	Indigenous Purchase
3.1.1	Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the enquiry.
3.2	Foreign Purchase — Imports
3.2.1	<ol style="list-style-type: none"> 1. Goods shall be despatched by Sea, unless stated otherwise in the enquiry or purchase order. 2. Terms of Delivery for Sea shipment shall be on CFR / CIF basis with 14 days' detention free period preferably at Nhava Sheva (JNPT-INNSA1) for FCL (Full Container Load) Cargo of GP & HC Containers. 3. For other cases - Other than GP & HC Containers, LCL Cargo shall be delivered at Nhava Sheva (JNPT-INNSA1) & Break-bulk Cargo at Mumbai (MPT - INBOM1). 4. For Air consignments, the terms of delivery shall be FCA at BHEL nominated Airport. In case of CIP, delivery shall be at Mumbai ACC (INBOM4). 5. Freight amount shall be indicated separately in the offer in case of CIP/CFR/CIF. 6. The number of detention free days and destination charges payable to shipping line must be mentioned in your offer and also on the Bill of Lading. 7. Offer received on FOB basis may be considered on an exceptional basis. BHEL will load freight, marine insurance & shipping line port handling charges etc. to work out landed cost at Sea Port. 8. Please visit BHEL Bhopal website https://bpl.bhel.com or refer special terms and conditions of tender enquiry for details of named Air ports and Sea ports. Name of the gateway port so chosen by the bidder shall be indicated by the Bidder in his offer. 9. A In case of CIP/CFR/CIF, the shipping line should be ready to move the containers to consignee's nominated CFS (Container Freight Station) yard and Indian agent of shipping line should issue Cargo Arrival Notice (CAN) 7 days in advance. 9b In case of CFR contract, bidder to supply the material through a Certified Sea worthy vessel age not more than 15 years. 9c The invoices being issued by shipping lines must be in the name of BHEL. Otherwise, BHEL will recover loss of Input Credit on GST from the vendor. 9d While booking the shipment, bidder to also finalize destination charges and the same should appear over BL or agreed tariff to be provided to BHEL before arrival of shipment. If cargo is stuffed in container, then the same should be allowed to be moved to CFS of importer's choice without any additional charges.



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	<p>9e Load port charges shall be settled by the supplier and not be passed on to BHEL in any form of destination charges.</p> <p>10. For reasons of delay in receipt of documents from suppliers or due to the same being found to be incomplete, and or faulty, the suppliers shall be responsible to reimburse all penalties, detention and demurrages / wharfages, if any paid by BHEL (for stated reasons).</p>
3.2.2	<p>1. For delivery of FCL (Full Container Load) cargo, the Bidder shall provide minimum 14 days' detention free period from the date of delivery at Port of Discharge / Place of Delivery (in case of ICD). Wherever the detention free period offered is less than 14 days, the bids shall be loaded for the period short of 14 days' period.</p> <p>2. <u>Port Congestion charges or any additional charges claimed by the shipping line at Port of Discharge / Place of Delivery shall be to the Bidder's account.</u></p>
4	Bidder's particulars & logistics information (Bidder to give details against each of the provisions)
4.1	Name of the bidder's executive to deal with this tender / project
4.2	E-mail address of the contact person
4.3	Telephone no. of the contact person
4.4	Name of location from where the goods shall be offered for inspection and dispatch
5	Additional logistics information for Imports
5.1	Bid currency
5.2	Charges applicable at discharge port up to BHEL's CFS (Container Freight Station) to be indicated in your offer and on the B/L
5.3	Name of Airport in the country of dispatch for FCA delivery terms
5.4	Estimated number, type & size of containers for delivery of tendered quantity (applicable where the goods are to be sent in FCL)
5.5	No. of packages with cumulative gross weight and CBM volume (applicable for LCL & Break-bulk shipment)
5.6	Approx. distance in km. from Bidder's works to Port of Loading
6	Delivery Schedule & Completion date
6.1	<p>i. Instead of writing specific date against delivery offered, bidder shall commit delivery period in number of days / weeks/ months to suit the delivery period indicated in the enquiry.</p> <p>ii. Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.</p> <p>iii. Bidder shall deliver the goods in the manner and schedule agreed under the Purchase order. iv. Goods shall be delivered within contractual period or any extension thereof, if any, granted by the Purchaser.</p> <p>v. If delivery is linked to approval of documents, time for submission of such documents to be indicated and delivery period to be indicated from approval of documents. This delivery schedule will be considered for processing delivery extension, wherever applicable.</p> <p>vi. BHEL reserves the right to cancel the order if material is not delivered within PO scheduled delivery.</p> <p>vii. Suitable action against defaulting vendor will be taken as per Guidelines for suspension of Business Dealings with</p> <p style="text-align: center;">Suppliers/Contractors available on https://bhel.com/guidelines-suspension-business-dealings-supplierscontractors</p>



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6.2	In case of foreign supplies, the date of Bill of Lading (B/L) or AWB shall be taken as actual date of delivery where freight until discharge port in India is in Seller's scope like CFR/CIF/CIP delivery terms. For Ex-works/FCA/FOB or any other delivery term where freight is in buyer's scope, date of material readiness /Test certificate/ Warehouse receipt/Freight forwarder receipt may be considered as actual date of delivery (mutually agreed).
6.3	In case of Indigenous bidders, the date of delivery at named destination in India shall be taken as contractual delivery completion date where delivery terms are FOR destination. In case of 'Ex-works' delivery terms, the date of LR / RR shall be the contractual delivery completion date.
7	Transit Insurance
7.1	Except where delivery terms are agreed on CIF basis for Imports & FOR destination basis for indigenous purchases, transit insurance will be covered by BHEL under its Open Marine Transit Insurance Policy. Bidder shall inform dispatch particulars with value of consignment to the Purchaser within 07 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of bidder to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
8	Force Majeure
8.1	"Force Majeure" shall mean circumstance which is: a) beyond control of either of the parties to contract, b) either of the parties could not reasonably have provided against the event before entering into the contract, c) having arisen, either of the parties could not reasonably have avoided or overcome, and d) is not substantially attributable to either of the parties And Prevents the performance of the contract, Such circumstances include but shall not be limited to: i) War, hostilities, invasion, act of foreign enemies. ii) Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war. iii) Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors. iv) Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors. v) Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio- activity. vi) Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc. vii) Epidemic, pandemic etc.
8.2	The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship.
8.3	If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event.
8.4	The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.
8.5	Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not i) Constitute a default or breach of the Contract. ii) Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.



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8.6	BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure
9	Penalty for Late Delivery
9.1.1	Unless covered under Force Majeure conditions aforesaid, Penalty for late delivery shall be 0.5% of the undelivered portion per week of delay or part thereof, subject to a maximum of 10% of the undelivered order value owing to delayed delivery. Total undelivered order value above shall be item wise, lot wise order value of PO. Any deviation from above, which is based on specific requirement/LD clause, shall be specified in particular tender /Special terms and condition (STC) /Additional terms and conditions (ATC) and same shall have overriding effect on anything mentioned in instant GTC. Imposition, recovery or settlement of this penalty shall not adversely affect BHEL's right to performance, compensation and termination of the order.
9.1.2	However, in case of Capital Machine / BOP (Balance of plant) where staggered deliveries may be applicable, the penalty will be levied on total order value. Any deviation based on specific requirement shall be specified separately in the NIT/STC/ATC. In case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision are desired with supply (Milestone delivery terms), the LD clause will be separately mentioned in particular tender /Special terms and condition (STC) /Additional terms and conditions (ATC)
9.1.3	In case of any amendment / revision, the penalty shall be linked to the amended / revised PO.
9.1.4	Any loading on penalty clause shall be to the extent to which it is not agreed to by the bidder (at offered value)
9.2	In case the contractually agreed delivery date falls on a holiday in BHEL Bhopal, the next working day shall be taken as contractual delivery date for compliance and applicability of LD / penalty.
9.3	In case of any recovery for delayed performance, the applicable GST shall also be recoverable from bidders.
10	Indian Agents and Agency commission
10.1	BHEL prefers to deal directly with Foreign bidder, wherever required, for procurement of Goods. However, if the Foreign Principal desires to avail services of an Indian Agent, then the Principal should ensure compliance to "regulatory guidelines" which will require submission of an agency agreement.
10.2	The CFR / CIF price quoted will be deemed to be inclusive of Indian Agency commission. Agency commission as disclosed by the bidder in his quoted CFR / CIF price will be paid in Indian Rupees on receipt & acceptance of Materials or it's installation at destination, as the case may be. The lower of the 'TT buying rate prevailing on the date of technical bid opening or price bid opening shall be considered for computation of Agency commission.
10.3	In a tender either the Indian Agent on behalf of Principal / OEM or the Principal / OEM itself can bid, but both cannot bid simultaneously for same item / product in the same Tender. In case bids are received from both the Principal / OEM and the agent, bid received from the agent will be ignored.
10.4	If an agent submits Bid on behalf of the Principal / OEM, the same agent shall not submit bid on behalf of another Principal / OEM in the Tender, for the same Item / Product.
11	Documentation:
11.1	Indigenous Purchase Irrespective of the value of the invoice amount, the bidder / vendor should mandatorily upload the despatch & invoice details on BHEL SUVIDHA portal at https://savidha.bhel.in/savidha/ or https://bpl.bhel.com/mm/ prior to despatch. Bidder shall arrange to send to the consignee following documents immediately on despatch of the goods for GST compliance:



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- 1) Original Tax invoice in triplicate (Buyer's copy and duplicate for Transporter),
- 2) Consignee copy of LR & 2 sets each of Packing list,
- 3) Test certificate, Guarantee / Warranty certificate,
- 4) O & M manuals (where applicable)
- 5) In case of labour / mixed basis jobs, material is issued free of cost. Necessary material reconciliation is to be done and Free Issue Material Statement (FIMS) is to be submitted with each bill.
- 6) Pre-dispatch Inspection report /Third Party Inspection Certificates/MDCC certificate
- 7) Any other documents as specified in Enquiry /PO /STC/ATC of enquiry /annexure

The distribution of such documents will be specified in the Purchase order Terms and Conditions (BP 205315 for indigenous and BP205316 for Imported Purchases)

*Note: 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 ₹ 5 lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. For invoices up to ₹ 5 lakhs, (inclusive of taxes), a scanned copy may be uploaded; however, submission of hard copy is mandatory if a class 3 digitally signed tax invoice is not uploaded.

Foreign Purchase — Imports Seller shall send 1 set of following documents, in English, within 7 days of B/L date / 1 day of AWB date by courier to the Purchaser

1. Express / Original 'Clean on board' Bill of Lading / AWB.
2. One set of Commercial Invoice, packing list indicating container-wise Gross weight, Net weight, CBM volume, No. of packages with Dimensions of each package.
3. Original Certificate of Country of Origin (COO) issued by Chamber of Commerce. COO shall be as per requisite format where duty concession is available under Preferential Trade/Comprehensive Economic Partnership/Free Trade agreement. Customs tariff heading (CTH)/ Harmonized System of Nomenclature (HSN) code of material should be mentioned on invoice and COO in all such cases.
4. One set of Original Test Certificates and O&M Manual where called for.
5. Fumigation / Phyto-Sanitary Certificate wherever cargo is packed in wooden packing or packing of plant origin material is used.
6. Supplier should additionally forward 2 sets of original documents mentioned at point nos. 1 to 5 above along with Original Bill of Lading (OBL) or AWB through any international courier service/registered airmail within three (3) days of obtaining the same directly to the following:

AGM (M.S)
Regional Operations Division BHEL
14th Floor Centre-1
World Trade Centre, Cuffe Parade
Mumbai 400 005 INDIA
Email: msseabpl@bhel.in (In case of Sea freight) msair@bhel.in (In case of Air freight)

DGM (FIN- FP)
4th Floor, Administrative Bldg.
BHEL Bhopal - 462022 (India)
E-mail: fin_fp.bpl@bhel.in

- And confirm forwarding details to AGM (CMM- FE), BHEL Bhopal at mmfe.bpl@bhel.in
7. In case the Seller decides to negotiate all 3 originals of B/L / AWB along with all original documents through negotiating Bank, non-negotiable documents (NNDs) consisting of copy of B/L / AWB & documents mentioned at Sl. no. 11- B2 to B5 will be sent by e-mail to the Purchaser at his e-mail address given in the PO with one copy to be mailed at mmfe.bpl@bhel.in as well as at msseabpl@bhel.in (for Sea shipment) or msair@bhel.in (for Air shipment). Other documents, as required, will be separately indicated in the Purchase Order. Additional expenditure, if any, incurred by the Purchaser by way of detention / demurrage, resulting out of delay attributable to the Seller in providing Negotiable documents, will be recovered from the Seller.

In case any discrepancy is raised by the Bankers / BHEL with respect to the documents submitted, vendor to facilitate clearance of goods through Delivery Order.

Additionally, following requirements to be taken care of by the bidder during PO execution stage:

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	<p>i) IEC (0588138690), (BHEL BHOPAL GSTIN: 23AAACB4146P1ZN) and email ID (mmfe.bpl@bhel.in) of BHEL Bhopal shall be clearly mentioned on B/L or AWB.</p> <p>ii) As per Uniform Customs Practice (UCP 600) for documentary credits (L/C), presentation period allowed is maximum 21 days after the date of shipment. However, for geographically closer ports where sea voyage time is less than 3-4 weeks, a shorter presentation period shall be agreed upon.</p> <p>iii) In case of CAD payment terms, Supplier shall send documents to BHEL's bank within 5 days of shipment. One set of original may be sent to any one of ROD, CMM-FE and MM, copy may be marked to the others.</p> <p>iv) For Air shipments through non-CONSOL (i.e., not through BHEL ROD's contract), Delivery Order (DO) should be given to BHEL without insisting for Bank Release Order (BRO). AWB to be drawn with BHEL Bhopal as consignee.</p> <p>v) It must be ensured that original shipping/commercial documents, if not provided to BHEL outside banking channel, should reach BHEL's bank at least 10 days prior to cargo arrival at port.</p> <p>vi) Part shipment and trans-shipment to be avoided to the extent possible especially where it is not possible to split shipping & commercial documents. Part shipment shall be strictly avoided for Air shipments.</p>
11.3	General
	<ol style="list-style-type: none"> 1. For Hazardous chemicals, the materials safety data sheet (MSDS) is to be submitted. 2. All certificates as called must be sent. BHEL may test any goods supplied and their decision is final irrespective of supplier's certificates. If test certificate and guarantee certificate are not received along with the document and stipulated in these specifications, BHEL reserves the right to get the material tested and recover the expenses from the supplier without awaiting supplier's confirmation 3. Goods shall be properly packed to avoid transit damage. Suitable markings shall be provided to identify the goods with that of the PO No. and the consignee details. 4. Goods shall be consigned to AGM (CRX), BHEL, Piplani, Bhopal - 462022, India, unless otherwise specified in the PO.
12	Pricing Terms
12.1	Prices once quoted shall remain firm within the validity or any extension thereof for placement of order, till complete execution of the order, without any escalation/increase for any reason, whatsoever, unless specifically provided for in the Enquiry & PO. In case of foreign bidders, the quoted price shall be taken as inclusive of Third-Party Inspection and testing charges as called for in the NIT.
13	Price Validity:
13.1	Unless stated otherwise in the enquiry, offer shall be valid for a period of 90 days from the date of Techno-commercial (Part-I) bid opening date.
14	Taxes & Duties - Indigenous Purchase
14.1	Bidder to ensure timely remittance of SGST, CGST, IGST as applicable in time as per law. BHEL BHOPAL GSTIN: 23AAACB4146P1ZN
14.2	Bidder to ensure compliance to filing of monthly GST sales return including BHELs supplies by 10 th of next calendar month in the online GST portal wherever applicable.
14.3	Bidders to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment along with invoice.
14.4	Bidder to submit invoices compliant with GST invoice Rules
14.5	Bidders to comply with all statutory provisions as may be applicable at the time of despatch/sale. Any additional financial liability to BHEL on account of non-compliance by bidders shall be borne by them and shall be adjusted / recovered from the bidders. BHEL reserves the right to review the existing offers / contracts for any revision in terms, which may arise due to change in any statutory provisions to ensure that the benefit accrues to BHEL.
14.6	Bidder to ensure TAX INVOICE submission along with consignment
14.7	In respect of cases where the liability to discharge GST is on BHEL under reverse charge mechanism, bidders have to ensure timely submission of invoices and delivery of material / services to BHEL, so that there is no mismatch on both activities. In case there is any additional financial liability on BHEL on account of default on the part of the bidder on submission or delivery of material / services the same shall be passed on to them.



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14.8	Vendors who fall under the E-Invoice regulations shall issue e-invoice in line with Rule 48(4) of CGST Rules read along with latest extant rules, failing which GST amount will not be reimbursed to the vendor.
14.9	In respect of free issue material by BHEL, bidders have to return the processed material within the time line as per the provisions of GST. In case of any additional tax liability on BHEL on account of non-compliance by the bidder, the additional financial implications on BHEL shall be passed on to the bidder
14.10	Bidders to provide the applicable HSN / SAC codes as called for in the enquiry
14.11	As per provisions of section 171 of the CGST Act 2017, bidders to pass on the anti-profiteering benefits accruing to them under GST regime to BHEL
14.12	With reference to section 51 of CGST act 2017 read with notification no 50/2018 – Central tax dated 13.09.2018; BHEL will be liable to deduct TDS under GST with effect from 01.10.2018. Deduction shall be made @ 2% (1% CGST + 1% SGST) or 2% IGST (as applicable) of the payment made or the amount credited. Bidder to generate & submit invoices as per above. The amount of TDS shall be deposited to the Government account and BHEL shall issue TDS certificate to deductees, TDS deposited in the Government account will be reflected in the electronic cash ledger of the deductee who will be able to use the same for payment of tax or any other amount. Deduction of TCS along with additional TDS will be as per prevailing Government guidelines.
15.	Taxes & Duties - Foreign Purchase — Imports
15.1	The offered prices shall be inclusive of all the Taxes and duties as applicable in the country of bidder / country of dispatch for the quoted CFR / CIF price.
16	Payment Terms-
16.1	Indigenous: 100% payment in 90 days of receipt (45 days for Micro & Small and 60 days for Medium enterprises as registered in Udyam certificate as per relevant MSME act in force) and subject to acceptance of material and relevant documents at BHEL. In case of despatch of material to site directly, site certification for receipt of materials is required unless otherwise provided for in the PO. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ "Repo Rate + 4%" for the purpose of bid evaluation.
16.2	Foreign: 100% against irrevocable, unconfirmed LC, payable within 90 days of the Bill of Lading (B/L) date or Payment terms of CAD payable on 90 th day of B/L / AWB. In case BHEL considers any deviation in payment terms i.e. early payment based on bidder's request, then bids shall be evaluated with loading @ "Repo Rate + 4%", for the credit period short of 90 days. The LC shall be established 2 months prior to shipment date, valid for period of 90 days, unless agreed otherwise. Documents to be submitted as per UCP600 and should reach BHEL/ BHEL's bank at least 7 days prior to vessel arrival.
16.3	Staggered Payment terms in case of Capital items /Balance of plant (BOP) item where services of installation /erecting & commissioning /supervision are desired with supply of items /goods will be separately mentioned in particular tender remarks /Special terms & condition /Additional terms and condition
16.4	Foreign bidders to submit declaration of Permanent Establishment and Business Connection (PEBC) for remittances purpose. Declaration to be submitted in formats either in Annexure A or B whichever is applicable as per their transaction entered into with BHEL. In the absence of certificates from the bidder, withholding tax at applicable rates along with surcharge and cess will be recovered at the time of remittance to the bidder.
16.5	Foreign bidders to submit Tax Residency Certificate (TRC) & Form 10F (for obtaining DTAA benefits) as per Annexure C in respect of services. The TRC is to be issued by the authorities of the government of bidder's country. If the informative part of the format (other than residency) is not furnished by the authorities the same may be furnished by the bidder as a declaration.
16.6	BHEL Bhopal is registered with (TReDS) platform. MSME bidders are requested to get registered with (TReDS) platform to avail the facility as per the GOI guidelines.
17	Inspection of Goods
17.1	The Bidder shall give adequate notice, of 1 week or as mutually agreed period, in writing to the Purchaser (in case Customer inspection is involved) or BHEL appointed TPIA about the date and place at which the goods will be ready for inspection/ testing, as provided for in the contract.



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17.2	<p>Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Bidder's premises or at his sub-contractor's premises at all reasonable times during execution of contract; Such inspection, examination and testing, if made, shall not absolve the Bidder from his obligations under the contract.</p> <p>Wherever required, BHEL may carry out testing at BHEL's testing Lab and in case of any rejection during such testing, replacement / rectification, as required, will have to be done by Supplier.</p> <p>If BHEL carries out any rectification of such rejected material, such cost will be recovered from Supplier's Bills.</p> <p>In case of Customer inspection as Supplier's Works, inspection clearance to be obtained from Customer and submitted to BHEL.</p>
17.3	<p>BHEL's representative from unit or Corporate Quality (CQ) is authorised to carry out audits along with TPIA at bidder's works before clearing the items for despatch.</p>
17.4	<p>All costs related to inspections and re-inspections shall be borne by the Bidder. In case of inspection by BHEL and / or BHEL's customer, the cost of to & fro passage and Boarding & Lodging shall be borne by the Purchaser / Customer, unless otherwise specifically agreed. In case of foreign bidders, the cost of third-party inspection, where called for, shall be deemed to be included in the quoted price. Bidder shall be responsible to provide assistance such as labour, materials, electricity, fuels, stores, apparatus, instruments at his cost, as may be required and as may be reasonably demanded to carry out such tests effectively.</p>
17.5	<p>REJECTION: If any goods are rejected, BHEL shall be at liberty to take action as per following:</p> <p>a) Allow the supplier, wherever mutually agreed, to rectify the rejected goods at BHEL's works within reasonable time as fixed by BHEL.</p> <p style="text-align: center;">Or</p> <p>b) Allow the supplier to make free replacement within a specified period. Rejected goods can be lifted by the supplier thereafter.</p> <p style="text-align: center;">Or</p> <p>c) In case payment has been done, allow supplier to refund equivalent value of rejected material by NEFT / RTGS or furnish Bank Guarantee for same amount before lifting the rejected goods. Fresh replacement shall be regulated as per terms and condition of the original Purchase Order. In case payment has not been done, at instructions from BHEL, supplier has to rectify the rejected goods at supplier's works within reasonable time as fixed by BHEL.</p> <p style="text-align: center;">Or</p> <p>d) Terminate the contract either in part or in whole at the discretion of BHEL and invoke Breach of Contract clause, if any, from the supplier.</p> <p style="text-align: center;">Or</p> <p>e) Any goods rejected by BHEL must be removed by the supplier after making payment through NEFT / RTGS within 30 days after receipt of the intimation of rejection. If bidder fails to lift or allow despatch of rejected material at his cost within 90 days from the intimation of rejection, his claim on rejected material shall cease.</p> <p style="text-align: center;">Or</p> <p>f) In exceptional cases, allow the supplier for one-time replacement of defective items (quantity) within reasonable time.</p>
18	Guarantee / Warranty and corresponding Repairs / Replacement of Goods



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18.1	<p>Manufacturer's works test/inspection certificates shall be furnished along with the guarantee that material conforms strictly to the specification for general & special conditions as laid down in the purchase order. Goods shall comply with the specifications for material, workmanship and performance. The warranty shall be for a period of 12 months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Bidder shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Bidder at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores/ designated destination basis) within such period. In the event of the Bidder's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Bidder.</p> <p>In case the defects attributable to Bidder are detected during processing of the goods at purchaser's / his subcontractor's works, the Bidder shall be responsible for free replacement/ repair of the goods as required by the purchaser.</p>
19	<p>NOTE: Deviations (Commercial as well as Technical) from the tender specifications and conditions are generally not acceptable. However, deviation if any, shall be brought out clearly with proper justification in the offer. The deviation, if considered by BHEL shall be loaded for comparison, while evaluating the offer. If a bidder unconditionally withdraws any deviation before price bid opening, the same shall not be loaded. Loading criteria in respect of major commercial conditions where deviations if any are accepted shall be as per clause No.19.</p>
19.1	<p>Evaluation and Loading Criteria:</p>
19.1.1	<p>The evaluation currency for this tender shall be INR.</p> <p>Evaluation of the tender shall be on the basis of delivered cost, i.e. 'Total Cost to BHEL/Landed cost to BHEL' w.r.t the technical scope and commercial conditions finalized after techno-commercial clarifications (after considering, inter alia, Customs Duty and GST / Other taxes as applicable). Exchange rate (TT selling rate of State Bank of India) applicable on the date of Part-I bid opening shall be considered for evaluation of foreign bids. If the relevant day happens to be a bank holiday in India, then the FOREX rate as on the previous bank working day shall be taken for evaluation.</p> <p>Foreign suppliers shall ensure that the benefits as applicable under Comprehensive Economic Partnership Agreement (CEPA) with Government of India are disclosed in the bid & relevant documents such as Certificate of Country of Origin, issued by the appropriate authority in the country of Export, is provided by the bidder along with dispatch documents.</p> <p>Bids shall be evaluated with such applicable benefits. In the event of Bidder failing to provide appropriate documents for Purchaser to avail disclosed concessional duty benefits in India, financial loss, so incurred, will be to the Bidder's account.</p>
19.1.2	<p>Common Loading factors (in case of deviation quoted by bidders)</p> <p>INDIGENOUS</p> <ol style="list-style-type: none"> 1) Deviation quoted in delivery terms in EX works against FOR destination: In case BHEL accepts the EX-Works prices, such offers will be suitably loaded with actual freight charges as per BHEL freight rate contract. 2) Loading (if any) in case of deviation in delivery period in delivery non- sensitive contracts will be declared separately in STC/ATC of particular tenders. <p>IMPORTS</p> <ol style="list-style-type: none"> 1) Offer received on FOB/FCA basis may be considered on an exceptional basis. BHEL will load freight, marine insurance & shipping line port handling charges etc. to work out landed cost at Sea Port. 2) Import duty, Taxes and duties as applicable on the date of Part-I bid opening. <p>COMMON LOADING FOR IMPORTS & INDIGENOUS that will be added for arriving the "Total Cost to BHEL"</p> <ol style="list-style-type: none"> A. Loading on Deviated Penalty clause (LD) as per clause 9.1.14 of GTC B. Loading for payment terms as per clause 16.1 of GTC
20	<p>Variation of orders</p>
20.1	<p>No variation to the Purchase order is permitted unless authorised in writing and signed by or on behalf of purchase executive, BHEL Bhopal.</p>
21	<p>Sub-contract</p>



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21.1	BHEL's order or part there off, if further to be subcontracted in exceptional circumstances the details of subcontracting and to whom to be subcontracted shall be furnished to BHEL and written permission shall be obtained from BHEL. However, it shall not absolve the supplier of the responsibility of fulfilling BHEL order requirements.
22	Recovery / deductions of amount from supplier
22.1	<p>a Any amount on account of recovery from consignor / supplier under any condition shall be liable to be adjusted against any amount payable to the consignor/supplier against bills.</p> <p>b For any deficiency in supplies where deduction is involved, an amount as decided by BHEL, shall be deducted from supplier's bills.</p> <p>c If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.</p>
23	Safety clause for purchase orders
23.1	The bidders shall maintain and ensure sufficient safety measures as required for inspections and test like HV test. Pneumatic test, Hydraulic test Spring test, Bend test, Material handling and safe working environment etc. to enable Inspection Agency for performing inspection. The bidder shall ensure that all the safety precautions specified in factories Act 1948 chapter-IV Section-21 to 41 are complied with respect to equipment's to be inspected. If any test equipment is found not complying with proper safety requirement, then the inspection agency may withhold inspection, till such time the desired safety requirements are met.
24	Non-Disclosure Agreement
24.1	All Drawing and technical documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. <u>BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.</u>
	DRAWINGS, PATTERNS & TOOLS: All drawings, patterns & tools supplied by BHEL or made at BHEL's expense are BHEL's property. These cannot be used or referred to any other party and must only be used in the execution of BHEL's orders. These should be preserved at the supplier's cost for a period of not less than 5 years. Patterns & tools should be returned to BHEL within 90 days of issue of the same.
25	Settlement of Disputes & Arbitration
25.1	25.1 SETTLEMENT OF DISPUTE If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not. If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 25.2



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25.2	<p>CONCILIATION Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the "Dispute") shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - "Procedure for conduct of conciliation proceedings" (as available in www.bhel.in)</p>
25.3	ARBITRATION
25.3.1	<p>Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 25.2 herein above or otherwise) in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to <i>sole arbitration of an arbitrator appointed by Head of the BHEL Unit/Region/Division issuing the Contract.</i></p>
25.3.2	<p>A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996(hereinafter referred to as the 'Notice') before referring the matter to <i>Arbitration</i>. The Notice shall be addressed to the Head of Unit, HEP Bhopal, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.</p>
25.3.3	<p>After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the <i>Arbitrator</i> and that dispute shall be adjudicated in accordance with <i>Arbitration and conciliation Act 1996</i>. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the <i>respective Head of unit</i>. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the <i>Arbitration and conciliation Act 1996</i>. The decision of the <i>respective Head of Unit of BHEL</i> for reference of dispute to a specific <i>Arbitrator</i> for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The <i>Arbitrator</i>-once <i>appointed</i> at the time of invocation of dispute shall remain unchanged.</p>
25.3.4	The fee and expenses shall be borne by the parties as per the <i>Arbitration and conciliation Act 1996</i> .
25.3.5	The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Bhopal in the State of Madhya Pradesh,
25.3.6	Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Bhopal in the State of Madhya Pradesh,
25.3.7	Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
25.3.8	The Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
25.3.9	In case the disputed amount (Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
25.3.10	In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for



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	the purpose of clause 25.3.8 and 25.3.9 . Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.
25.3.11	<p>In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:</p> <p>In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution of CPSEs Disputes) as mentioned in DPE OM No. 05/0003/2019-FTS- 10937 dated 14-12-2022 as amended from time to time</p>
27	RIGHT OF REJECTION /NON- PLACEMENT OF PO: BHEL reserves the right to accept the offers in part or in full, or cancel the Tender enquiry without assigning any reason.
28	Performance Bank Guarantee (PBG)/ Security Deposit (SD):
28.1	<p>Wherever Security Deposit (covering contract performance) is called for in the Tender /NIT, the Performance Bank Guarantee (PBG) or Security Deposit (SD), hereafter referred as performance security is to be submitted by the successful bidder awarded the contract. Performance security is to be submitted by the date specified in the contract. Modes of deposit:</p> <p>a) Performance security may be furnished in the following forms:</p> <p>(i) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL.</p> <p>(ii) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL.</p> <p>(iii) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).</p> <p>(iv) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).</p> <p>(v) Insurance Surety Bond.</p> <p>(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)</p> <p>b) In case of GTE tenders, the performance security should be in the same currency as the contract and must conform to Uniform Rules for Demand Guarantees (URDG 758) - an international convention regulating international securities. a) Performance Security is to be furnished by a specified date (generally 14(fourteen) days after notification of the award) and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.</p> <p>Forfeiture of Performance Security: The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier. PS shall be refunded to the contractor without interest, after he duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract. The Performance Security shall not carry any interest.</p>
28.2	Composite 'Contract Performance Bank Guarantee' of matching value/ validity, where both Security Deposit and Performance Bank Guarantee are required, shall not be construed as deviation.
28.3	Wherever the contract is for supply of Goods processed on labour basis/mixed basis from BHEL supplied materials, the materials shall be issued against a suitable Bank guarantee as specified in the particular Enquiry/STC/ATC/Annexures.
28.4	Wherever PBG (covering equipment / system / work performance guarantee) is called for in the Notice Inviting Tender (NIT) deviation shall not be accepted
28.5	Bank Guarantee wherever called for, shall be in the BHEL prescribed format. In case the order is to be placed in foreign currency, the BG must also be in Foreign currency, so specified by the Purchaser



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28.6	Wherever Security Deposit (covering contract performance) is called for in the NIT, deviation shall not be accepted.
28.7	Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest "Repo Rate + 4%" for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT / contract, from the bills along with due interest
29	<p>Benefits earmarked for Purchase from Micro & Small Enterprises (MSEs) – All benefits as per Government of India guidelines shall be given to eligible bidders. MSE bidders as defined by the MSMED Act as amended from time to time can avail the intended benefits only if they submit along with the offer, self-attested copies of relevant document, Udyam Registration as applicable stipulated in the MSMED Act or its rules/ regulations as amended from time to time and /or by the buyer. Non-submission of such documents as stipulated hereinbefore will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for the concerned for the tender enquiry, if any deficiency in the above required documents is not submitted before the 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. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL may reject the bid or, as the case may be, cancel the order and take necessary steps for suspension of the business dealing against the bidder as per the extant guidelines for suspension of business dealings with suppliers/ contractors of BHEL. Note: MSME benefits shall not be given to traders, Dealers or authorised agents. It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-1) shall prevail. As per the OM No. F. No. 1(2)(1)/2016-MA Dtd. 09.02.2017 issued from the Office of Development Commissioner (Micro, Small & Medium Enterprises), "Traders and agents should not be allowed to avail the benefits extended under the PP Policy". In view of this, it is clarified that 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.</p>
29.1	MSEs shall be given tender documents free of cost and shall be exempted from payment of EMD. Tender documents shall be issued free of cost & no EMD wherever called for will be insisted upon. MSE bidders shall submit along with bid relevant documents w.r.t. their respective MSE status as per extant norms. Date to be reckoned for determining the deemed validity will be the last date of Technical bid submission. Non-submission of such document will lead to consideration of their bid, at par with other bidders and MSE status of such bidders shall be shifted to Non- MSE supplier till the supplier submit these documents.
29.2	In tender, participating MSEs quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than an MSE and such MSE shall be allowed to supply up to at least 25% of total tendered value. In case of more than one such MSE, the supply shall be shared proportionately. A quantum of 6.25% (25% out of target of 25%), so earmarked, will be reserved for MSE's owned by SC / ST entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 6.25% sub-target for procurement earmarked for MSE(s) owned by SC or ST entrepreneurs shall be met from other MSE(s). A quantum of minimum of 3% reservation within the above mentioned 25% reservation, so earmarked, will be reserved for MSE's owned by women entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 3% sub-target for procurement earmarked for MSE(s) owned by women entrepreneurs shall be met from other MSE(s).



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	In case of indivisible tender, the full quantity shall be awarded to L1.																
29.3	If an enterprise falling under MSE category as defined in the MSMED Act 2006, graduates to a higher category from its original category or beyond the purview of the Act, it shall continue to avail all non-tax benefits of its original category notified by the Ministry of Micro, Small and Medium Enterprise for a period of three years from the date of such graduation to the higher category.																
29.4	<p>MSE bidders as defined by the MSMED Act as amended from time to time can avail the intended benefits only if they submit, self-attested copies of Udyam Registration certificate, along with the offer. No benefits shall be applicable for the enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required self-attested documents are to be uploaded on the portal.</p> <p>No benefits shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required self-attested documents are to be uploaded on the portal.</p> <p>The deemed validity will be assessed on the date of bid opening (Part 1 in case of two-part bid). Non-submission of such documents as stipulated hereinbefore will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for the concerned for the tender enquiry, if any deficiency in the above required documents is not submitted before the price bid opening. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.</p> <p>In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the bidder and the order is obtained under the premise of an MSE then BHEL may reject the bid or, as the case may be, cancel the order and take necessary steps for suspension of the business dealing against the bidder as per the extant guidelines for suspension of business dealings with suppliers/ contractors of BHEL.</p> <p>In case if all the items being procured under the enquiry fall under category of reserved items as defined in "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" and if any of the MSE bidder(s) is techno commercially qualified then the price bids of only MSE bidders shall be opened. If no MSE bidder is techno-commercially qualified, then price bids of all techno-commercially qualified bidders shall be opened.</p>																
30	<p>Integrity Pact (IP) — Independent external monitors (IEM) For tenders in which integrity pact is applicable, following points stand valid:</p>																
30.1	<p>IP is a tool to ensure that activities and transactions between the company and its bidders/contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL.</p> <p>The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this pact would be a preliminary qualification.</p> <p style="margin-left: 40px;">Name: ----- } -----</p> <p style="margin-left: 40px;">Address: ----- } ----- As indicated in NIT / enquiry E-mail: -----</p> <p style="margin-left: 40px;">--</p>																
30.2	<p>Please refer section 8 of the IP for roles and responsibilities of IEMs. In case of any complaint arising out of tendering process, the matter may be referred to the IEM mentioned in the tender.</p> <p>NOTE: No routine correspondence shall be addressed to the IEM (phone / post/e-mail) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarifications/ issues shall be addressed directly to the tender issuing (procurement) department.</p> <p>For all clarifications/ issues related to the tender, please contact:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 20%; text-align: center;">(1)</th> <th style="width: 20%; text-align: center;">(2)</th> </tr> </thead> <tbody> <tr> <td>Name</td> <td></td> <td></td> </tr> <tr> <td>Landline No.</td> <td></td> <td></td> </tr> <tr> <td>Mobile No.</td> <td></td> <td></td> </tr> <tr> <td>Email</td> <td></td> <td></td> </tr> </tbody> </table>			(1)	(2)	Name			Landline No.			Mobile No.			Email		
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		Address		
		Fax		
31	<p>Fraud Prevention Policy : The Bidder along with its associate/ collaborators/ sub-contractors/ sub-bidders/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website 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.</p>			
32	<p>Integrity Commitment: The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com.</p> <p>Integrity commitment, performance of the contract and punitive action thereof:</p>			
32.1	<p>Commitment by BHEL: BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all bidder(s) in a transparent and fair manner, and with equity.</p>			
32.2	<p>Commitment by bidder / Supplier / Contractor:</p>			
32.2.1	<ul style="list-style-type: none"> - The bidder / supplier / contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal code, 1860 or any other law in force in India. - The bidder / supplier / contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by govt. of India / BHEL <p>The bidder / supplier / contractor will perform / execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business / money / reputation to BHEL.</p>			
32.2.2	<p>If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution stage indulges in mal-practices, cheating, bribery, fraud or / and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then action may be taken against such bidder / supplier / contractor as per the extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions.</p>			
32.2.3	<p>Preventive checks to eliminate suspected cartel formation between suppliers The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). 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, suitable action shall be taken by BHEL as per extant policies/ guidelines</p> <p>Declaration by Bidders We declare that the following family firms or sister concern affiliates/ subsidiary firms are participating in the tender No _____</p> <p>1.0 _____ 2.0 _____ 3.0 _____</p> <p>I _____ hereby declare on behalf of M/s _____ and family firms or sister concern affiliates/ subsidiary firms listed above that we are not indulging in cartel formation for Enquiry No _____.</p> <p style="text-align: right;">(_____) For M/s _____ Seal and Sign</p>			



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33	<p>Public Procurement (Preference to Make in India), Order 2017</p> <p>" 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"</p> <p>For this procurement, Public Procurement (Preference to Make in India), Order 2017 Dtd 19.7.2024 and subsequent orders issued by both DPIIT and the respective nodal ministries shall be applicable.</p> <p>Bidder to mention the percentage of local content and place of value addition to manufacture these items in the tender in MII self-certificate/ self-declaration certificate.</p> <p>Bidder to refer the Sample format of MII self-certificate (Annexure - 1) and sample certification format of statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) (Annexure- 2).</p>
34	RESTRICTION UNDER RULE 144 (xi) OF THE GENERAL FINANCIAL RULES 2017: As per latest government guidelines
34.1	Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the competent authority.
34.2	"Bidder" (including the term 'tenderer', 'consultant' or service provider' in certain contexts means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies) every artificial juridical person not falling in any of the description of bidders stated hereinbefore, including any agency, branch or office controlled by such person, participating in procurement process.
34.3	Bidder from a country which shares a land border with India" for the purpose of this order means: - a. An entity incorporated, established or registered in such a country; or b. A subsidiary of an entity incorporated, established or registered in such a country; or c. An entity substantially controlled through entities incorporated, established or registered in such a county; or d. d. An entity whose beneficial owner is situated in such a country; or e. An Indian (or other) agent of such an entity; or f. A natural person who is a citizen of such a country; or g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
34.4	The beneficial owner for the purpose of (iii) above will be as under: 1. In case of company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation – a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company. b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholder's agreements or voting agreements. 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership; 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals; 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;



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	5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
34.5	An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
34.6	Model certificate for Tenders <i>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the competent authority. I hereby certify that this bidder fulfils all requirements in these regards and is eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached]."</i>
35	<p>Treatment of cases regarding conflict of interest:</p> <p>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:</p> <ol style="list-style-type: none"> 1) 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. 2) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating. 3) 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 Authorised distributor (with/ or without the OEM). from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate. 4) 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. <p>The Bidder shall declare 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.</p> <p>- Duly filled, seal and signed declaration to be submitted by bidders with Part1- techno commercial offers of each tender.</p>
36	Breach of contract, Remedies and Termination
36.1	<p>The following shall amount to breach of contract:</p> <ol style="list-style-type: none"> I. Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time.



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	<p>II. The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period.</p> <p>III. The Supplier/Vendor delivers equipment/ material not of the contracted quality.</p> <p>IV. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause.</p> <p>V. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract.</p> <p>VI. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.</p> <p>VII. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor.</p> <p>VIII. Any other reason(s) attributable to Vendor towards failure of performance of contract.</p> <p>In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor.</p> <p>IX. Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise.</p> <p>X. Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner.</p> <p>Note-Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days.</p> <p>In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.</p>
36.2	<p><u>Remedies in case of Breach of Contract.</u></p> <p>i) Wherein the period as stipulated in the notice issued under clause 14.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.</p> <p>ii) Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.</p> <p>iii) wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:</p> <p>iv) In case the amount recovered under sub clause (a) above is not sufficient to fulfil the amount recoverable then; a demand notice to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.</p> <p>v) If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:</p> <p>a. from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract.</p> <p>b. If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to</p>



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	<p>Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.</p> <p>c. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.</p> <p>vi) It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.</p> <p>vii) In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.</p> <p>Note: 1) The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries floated by BHEL to complete the balance work. The defaulting contractor shall mean and include: (a) In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor. (b) In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partners; or sole proprietorship firm owned by any partner(s) as a sole proprietor.</p>
37	<p>Option clause: The Purchaser reserves the right to decrease the quantity to be ordered at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.</p>
38	<p>NOTE:</p> <ol style="list-style-type: none"> In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / short close /modify the tender at any stage of execution. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation.
39	<p><u>Grievance Redressal Mechanism</u></p> <p>To promote transparency and ensure fair treatment of all bidders, a structured Grievance Redressal Mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company.</p> <p>Suppliers/Contractors are requested to follow the below escalation process for grievance resolution:</p> <ol style="list-style-type: none"> First Level: Any grievance should initially be addressed to the designated Dealing Officer, whose contact details are provided in the Notice Inviting Tender (NIT)/Contract. Second Level: If the issue remains unresolved, it may be escalated by lodging a formal grievance through the SUVIDHA Portal: https://suvidha.bhel.in/suvidha/. Responses will be provided in accordance with the defined escalation matrix.”

Note:

1.0 Tender Specific conditions shall override relevant provisions of this GTC

2.0 In the event of any change as notified by Govt. of India same will supersede the relevant GTC clause.



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Annexure 1

Format - Self Certificate for MII

CERTIFICATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19.7.24 AND SUBSEQUENT ORDER(S)

(To be provided on the Letter Head of the Entity/Firm)

To,

_____ (Write Name and Designation of Officer of BHEL inviting the Tender);

Bharat Heavy Electricals Limited,
Piplani, Bhopal, MP-462022

Ref : 1) BHEL NIT/Tender Specification No:
2) Name of items :
3) 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 _____ % .

The local content % certified above is in line with definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 Revision dated 19.7.2024 issued by DPIIT and subsequent order(s) to qualify as (Class-I/ CLASS-I I/ Non-Local supplier-fill in one which is applicable) local supplier.

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

We confirm that the following has not been considered for calculation of local content:

- Imported items sourced locally from resellers/distributors.
- The license fees/ royalties paid/ technical charges paid out of India
- Refurbishment/Repackaging/ Rebranding of imported products
- services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc.

**We confirm that since contract involves supply of multiple items, weighted average of all items has been taken while calculating the local content.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

(Signature, Name, Designation, Date, Place & Seal of
Authorized Signatory of the Bidder)

** - Strike out whichever is not applicable

Note: For evaluation of qualification of bidder:

1. Bidder has to submit the above format, duly filled & signed by authorized signatory.
2. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.



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**BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
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Annexure 2-

Format - Auditor Certificate for MII

CERTIFICATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 19.7.24 AND SUBSEQUENT ORDER(S)

(To be provided on the Letter head of Auditor/PCA)

To, _____ (Write Name and Address of the bidder);

Ref : 1) BHEL NIT/Tender Specification No: _____, 2) Name of items :
3) All other pertinent issues till date

We statutory auditor of the company / cost auditor of the company / practicing cost accountant / practicing chartered accountant ** hereby certify that the items/works/services offered by..... (specify the name of the organization here) has a local content of _____ %

The local content % certified above is in line with the definition of Local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017 Revision dated 19.7.2024 issued by DPIIT and subsequent order(s) to qualify as (Class-I/ CLASS-I I/ Non-Local supplier-fill in one which is applicable) local supplier.
The details of the location(s) at which the local value addition is made are as follows:

We confirm that the following has not been considered for calculation of local content:

- Imported items sourced locally from resellers/distributors.
- The license fees/ royalties paid/ technical charges paid out of India
- Refurbishment/Repackaging/ Rebranding of imported products
- services such as transportation, insurance, installation, commissioning, training and after sales service support like AMC/CMC etc.

**We confirm that since contract involves supply of multiple items, weighted average of all items has been taken while calculating the local content.

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

Auditor Details

For(Firm Name)

Name of Auditor:

**Partner/Proprietor:

Membership No. **(ICAI/ICMAI): Firm Registration

No. (FRN): Signature & Seal of Auditor UDIN:

Date:

Place:



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** - Strike out whichever is not applicable.

Note: For evaluation of qualification of bidder:

1. For items sold by bidder as reseller, OEM certificate for country of origin to be submitted.
2. Certificate is required from Statutory Auditor or Cost Auditor (if the bidder is a company) or from a practicing Chartered Accountant or practicing Cost Accountant (if the bidder is other than a company) giving the percentage of local content.



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Company Letter head

Annexure **A**

Date: {insert date}

To,
Bharat Heavy Electricals Limited
Piplani
Bhopal-462023
Madhya Pradesh
India

I/We hereby certify (for the period from* _____ to _____) that,

1. {Name of company} (Vendor Code with BHEL) is a company incorporated on {insert date}{insert date} under the {Law of the Country}
2. It is a tax resident as per the Tax Laws of {country}.
3. The Company does not have and is not likely to have a permanent establishment in India as defined in Article 5 of the Agreement for Avoidance of Double Taxation between India and _____ ("the tax treaty" for short).
4. In this regard, it is further confirmed that:
 - the Company does not have or is not likely to have a fixed place of business in India through which its business is wholly or partly conducted as stipulated in Article 5 of the tax treaty
 - the Company does not have or is not likely to have any dependent agent in India as stipulated in Article 5 of the tax treaty
5. The company does not have any business connection in India as per Sec 9(1) of the Indian Income Tax Act 1961 through which business is carried on in India.

I hereby declare that the above information is correct and complete to the best of my knowledge and belief. Further I undertake to promptly inform the Company (i.e. BHEL) in writing should there be any change in the facts given above.

I/We, my/our legal heirs, executors and administrators hereby indemnify and keep indemnified the Company (i.e. BHEL) for any loss (including but not limited to tax, interest and penalty) suffered by as a result of the Company (i.e. BHEL) relying on this declaration and/or my delay/default in confirming the change, if any, in the facts mentioned above. This obligation shall be in force at all times.

This certificate is being issued to the Customer / Client / Payee to enable them to decide upon the With Holding Tax applicable on transaction with our company.

If there is any change in the above facts the same would be intimated to you.

For& On behalf of

{Insert name of the company}

Authorized Signatory with Seal

*The period can be decided by the issuer & no fresh certificate will be asked for releasing payment within this



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Company Letter head

Annexure **B**

Date: {insert date}

To,
Bharat Heavy Electricals Limited
Piplani
Bhopal-462023
Madhya Pradesh
India

I/We hereby certify (for the period from * _____ to _____) that,

1. {Name of company} (Vendor Code with BHEL) is a company incorporated on {insert date}{insert date} under the {Law of the Country}
2. It is a tax resident as per the Tax Laws of {country}.
3. The Company has its permanent establishment in India as defined in Article 5 of the Agreement for Avoidance of Double Taxation between India and _____ ("the tax treaty" for short).
And/or
4. the Company has a fixed place of business in India through which its business is wholly or partly conducted as stipulated in Article 5 of the tax treaty
And/or
5. the Company has agent(not of independent status) in India as stipulated in Article 5 of the tax treaty
And/or
6. The company has business connection in India as per Sec 9(1) of the Indian Income Tax Act 1961 through which its business is carried on in India.

But as far as our business dealing with your organization is concerned we are not using this permanent establishment and business connections and we are dealing directly from our office situated in _____.

I hereby declare that the above information is correct and complete to the best of my knowledge and belief. Further I undertake to promptly inform the Company (i.e. BHEL) in writing should there be any change in the facts given above.

I/We, my/our legal heirs, executors and administrators hereby indemnify and keep indemnified the Company (i.e. BHEL) for any loss (including but not limited to tax, interest and penalty) suffered by as a result of the Company (i.e. BHEL) relying on this declaration and/or my delay/default in confirming the change, if any, in the facts mentioned above. This obligation shall be in force at all times.

This certificate is being issued to the Customer / Client / Payee to enable them to decide upon the With Holding Tax applicable on transaction with our company.

If there is any change in the above facts the same would be intimated to you.

For & On behalf of

{Insert name of the company}



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FORM NO. 10F

[See sub-rule (1) of rule 21AB]

Information to be provided under sub-section (5) of section 90 or sub-section (5) of section 90A of the Income-tax Act, 1961

I, *son/daughter of Shri..... in the capacity of (designation) do provide the following information, relevant to the previous year..... *in my case/in the case of..... for the purposes of sub-section (5) of *section 90/section 90A:—

Sl.No	Nature of information	:	Details #
(i)	Status (individual, company, firm etc.) of the assessee	:	
(ii)	Permanent Account Number or Aadhaar Number of the assessee if allotted	:	
(iii)	Nationality (in the case of an individual) or Country or specified territory of incorporation or registration (in the case of others)	:	
(iv)	Assessee's tax identification number in the country or specified territory of residence and if there is no such number, then, a unique number on the basis of which the person is identified by the Government of the country or the specified territory of which the assessee claims to be a resident	:	
(v)	Period for which the residential status as mentioned in the certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A is applicable	:	
(vi)	Address of the assessee in the country or territory outside India during the period for which the certificate, mentioned in (v) above, is applicable	:	

2. I have obtained a certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A from the Government of (name of country or specified territory outside India)

Signature:

Name:

Address:

Permanent Account Number or Aadhaar Number



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I do hereby declare that to the best of my knowledge and belief what is stated above is correct, complete and is truly stated.

Verified today the day of.....

.....

Signature of the person providing the information

Place:

Notes :

1. *Delete whichever is not applicable.
2. #Write N.A. if the relevant information forms part of the certificate referred to in sub-section (4) of section 90 or sub-section (4) of section 90A.



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CBDT Notification dtd 28.03.2023 reg Partial relaxation in r/o filing of Form 10F electronically by select category of taxpayers

Dear sir/Madam,

The relaxation provided by the CBDT reg. Online Filing of Form 10F by the Non-resident taxpayer for availing the benefit of DTAA, has expired on 30.09.2023. Therefore, on the expiry of the exemption period, the Income-tax department has now enabled a new category under 'Others' while registering on the income tax portal, i.e., 'non-residents not holding and not required to have PAN'.

Procedure for registration

- The non-resident can click on the 'Register' option on the e-filing portal, i.e., <https://www.incometax.gov.in/iec/foportal>
- Under the 'others' category, there is an option to choose 'non-residents not holding and not required to have PAN'.
- Certain basic details will need to be entered, like name, date of incorporation, tax identification number, status, and country of residence.
- The non-resident will then have to provide the details of the key person, i.e., name, date of birth, etc.
- The next step is to provide contact details, i.e., email address and mobile number, which will be verified through an OTP.
- Lastly, the non-resident will need to upload certain documents like its TRC, address proof, identification proof, and any other document if required.

Once the non-resident is registered on the portal, it can file Form 10F electronically without having to obtain a PAN in India.

In view of, It is to be ensured that while providing DTAA benefit to Non-resident, it must be ensured that e-filed Form 10F is obtained along with other documents (i.e. TRC, NO PE etc.) to avoid any additional demand, penalty, interest etc.

Manual Form 10F shall not be accepted by the I.T. Deptt. for Payment made to Non-resident on or after 01.10.2023.