

BHARAT HEAVY ELECTRICALS LTD., BHOPAL
MATERIAL MANAGEMENT(EM)
PIPLANI – BHOPAL – 462 022 (M.P)
PHONE : + 91 755 250 5785/3066
e-mail:- adarshkc@bhel.in, raju_gupta@bhel.in

OPEN TENDER NOTICE No. : MEX/20-21/E1503144

Tenders in two part bid system are invited for supply of the following items. Complete tender document can be downloaded from BHEL website <http://www.bhel.com> & BHEL e-procurement website <https://eprocurebhel.co.in/nicgep/app>. *The tender should be submitted before 03.00 PM of 24/02/2021 through* BHEL e-procurement website <https://eprocurebhel.co.in/nicgep/app>.

Note :- All enclosures are available on BHEL website <http://www.bhel.com> as well as BHEL e-procurement website <https://eprocurebhel.co.in/nicgep/app> against the above enquiry. Unregistered vendor can download the assessment form for registration from our website.

S. No	Enquiry no.	NIC Tender ID	Item	Qty.	Due date
1	E1503144	2021_BHEL_1815_1	Retaining Ring (Barrel)	10 Nos.	24 th February 2021
2			Retaining Ring (Barrel)	01 No.	
3			Retaining Ring (Ordering)	05 Nos.	

Note:- All subsequent corrigendum/amendment shall be published only on our website <http://www.bhel.com> & BHEL e-procurement website <https://eprocurebhel.co.in/nicgep/app> against the enquiry no. Hence, bidders are advised to be always in touch with our website till the tender is finally opened.


Adarsh Kumar Chowdhary
Dy. Manager (MEX)
ADARSH KUMAR CHOWDHARY
उप प्रबंधक (MEX)
सा.प्र.-ई.एम. / M.M.-E.M.
बी.एच.ई.एल., भोपाल / B.H.E.L., Bhopal

कदम कदम मिलाना है ग्राहक सफल बनाना है

Marching Towards Business Excellence

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 ENQUIRY TWO PART BID BPC 0007 E-TENDER	भारत हेवी इलेक्ट्रिकल्स लिमिटेड, पिपलानी, भोपाल - 462022(भारत) सामग्री प्रबंधन विभाग BHARAT HEAVY ELECTRICALS LIMITED, PIPLANI, BHOPAL - 462022(INDIA) MATERIALS MANAGEMENT DIVISION		ENQUIRY NO E1503144 ENQUIRY DATE 01/02/21 ENQUIRY DUE DATE 24/02/21
	TIN NO. 23573600001 ECC NO. AAACB4146PXM009 MPCT NO. HEL/05/01/0001/SL5/11/79 PHONE: 91-755-2500100 (7 LINE) FAX: 91-755-2500023 WWW.BHEL.BHOPAL.COM		

SUPP NAME AND ADDRESS	SUPP CODE	REV CD	REV NO	REV DATE	NO OF CATY2	NO OF CATY3	ENQ NO OF ITEMS	INDENT NO
	0	1	0	NA	3	7	3	240400277
	GUARANTEE CERTIFICATE		Y	SUPPLY CONDITION IN PROPERLY PACKED CONDITION				
	TEST CERTIFICATE		Y					
	INSTRUCTION BOOKLET		N	TECHNICAL CONDITION AS PER DRAWING AND SPECN.				
	SAMPLE		N					
	GATE PASS		Y	INSPECTION CONDITION BY BHEL AS PER QA PLAN NO. QA/MT/BOI/099				

NOTE: QUOTE PRICE BOTH IN FIGURES & WORDS. IN CASE OF MISMATCH PRICE IN WORDS WILL BE VALID, QUOTATIONS NOT BEARING ENQUIRY NO AND DUE DATE LIABLE TO BE REJECTED.

LIABLE TO BE REJECTED.										
SL NO	MATERIAL CODE	DESC	UNIT	ITEM QTY	QTY VR%	LOT NO	LOT QTY	DEST	DELIVERY DATE	
1	AN4401593014	RETAINING RING (BARREL) TO DRG. 44028042105, IT.01, REV.00 AND MATL. SPECN. NO. BP19381, REV.02.	NO		10.000	0	1	2.000	217	15/04/21
							2	2.000	217	15/07/21
							3	2.000	217	15/10/21
							4	2.000	217	15/01/22
							5	2.000	217	15/04/22
2	AN4480453016	RETAINING RING (BARREL) TO DRG. 44028042087, IT.01, REV.00 AND MATL. SPECN.NO. BP19381, REV.02.	NO		1.000	0	1	1.000	217	15/04/21
3	BP9503032725	RETAINING RING (ORDERING) O/D 910 MM X I/D 860 MM X 300 MM LONG TO DRG NO. 44028042042 REV 03 TO MAT SPEC BP 19381 REV 02.	NO		5.000	0	1	5.000	217	30/04/21

REMARK [1] REVERSE AUCTION SHALL NOT BE DONE FOR THIS ENQUIRY. [2] BHEL STD T&C BP 200102, MM5527 [AS AVAILABLE AT [HTTPS://BPL.BHEL.COM](https://BPL.BHEL.COM)] ARE APPLICABLE. [3] ALL GST PROVISIONS ARE APPLICABLE. [4] PLEASE PROVIDE DULY FILLED (WITH SIGN & SEAL) LOCAL CONTENT FORMAT ON YOUR LETTER HEAD AS ENCLOSED. [5] PRE-QUALIFICATION REQUIREMENT (PQR) IS ENCLOSED & TO BE COMPLIED BY THE VENDORS.

DRAWING Y PURCH SPEC Y CATALOGUE N Quality Surveillance Pl: Y TWO PART BID Y

NOTE: BHEL, BHOPAL'S Standard Terms & Conditions BP200102/MM5533 rev02 for imports and BP200102/MM5527 rev03 for indigeneous procurements form a part of this Enquiry. Bidders may obtain from us copies of these terms and conditions if not already available.

Note: During Bid Evaluation, No loading of price with regard to preferential payment of within 45 days will be made on vendore falling under MSMED ACT - OCT 06

Please submit your lowest quotation in sealed envelop essentially superscribed with ENQUIRY NO, DUE DATE AND PARTY'S NAME so as to reach at TENDER ROOM, GROUND FLOOR, ADM BUILDING, BHEL, PIPLANI BHOPAL-462022 by 11.00 am of due date.

1. This is only a request for Quotation & not an order.
2. Small Scale industries should indicate SSI Regn. No. in Quotation/invoice.
3. In case you are not making an offer against this Enquiry, we request you to post a regret letter.
4. Indian vendors to please indicate GSTIN on their quotation.

SPECIAL REMARK: Bid to be submitted through e-procurement. Refer eproc link on BHEL Bhopal B2B site.

Documents Enclosed

1. Drawing.
3. Purchase specification.
2. Catalogue.
4. Quality Surveillance Plan.

NAME: ADARSH KUMAR CHOWDHARY

DESIG: DY. MANAGER

0755-2505785

adarshkcc@bhel.in

आदर्श कुमार चौधरी
 ADARSH KUMAR CHOWDHARY
 उप प्रबंधक
 सा.प्र.-ई.एम. / M.M.-E.M.
 बी.एच.ई.एल., भोपाल / B.H.E.L., Bhopal

Techno-Commercial Bid (To be filled by supplier and submit with offer)				
Tender No.		E1503144		
Item Description :		#1- RETAINING RING (BARREL) TO DRG.44028042105, IT.01, REV.00 AND MATL.SPECN.NO.BP19381, REV.02., #2- RETAINING RING (BARREL) TO DRG. 44028042087, IT.01, REV.00 AND MATL.SPECN.NO.BP19381, REV.02., #3- RETAINING RING (ORDERING) Q/D 910 MM X I/D 860 MM X 300 MM LONG TO DRG NO.44028042042, REV.03 TO MAT SPEC BP 19381 REV 02.		
Remarks :		[1] REVERSE AUCTION SHALL NOT BE DONE FOR THIS ENQUIRY. [2] BHEL STD T&C BP 200102, MM5527 [AS AVAILABLE AT HTTPS://BPL.BHEL.COM] ARE APPLICABLE. [3] ALL GST PROVISIONS ARE APPLICABLE. [4] PLEASE PROVIDE DULY FILLED (WITH SIGN & SEAL) LOCAL CONTENT FORMAT ON YOUR LETTER HEAD AS ENCLOSED. [5]PRE-QUALIFICATION REQUIREMENT (PQR) IS ENCLOSED & TO BE COMPLIED BY THE VENDORS.		
Sr. No.	ELEMENTS	Standards	To be offered / confirmed by supplier	Remarks, if any
1	Quotation Reference & date	As per supplier		
2	HSN / SAC code	As per supplier		
2.1	GST TYPE & ITS PERCENTAGE APPLICABLE Item wise mentioned in the offer (IGST/CGST+SGST/UGST)	As per supplier		
3	Quotation Currency	In INR		
4	E-Mail	As per supplier		
5	Phone/Mobile	As per supplier		
6	Contact Person	As per supplier		
7	Order to be placed on	As per supplier		
8	Address	As per supplier		
9	Minimum delivery period to be quoted in no of weeks from the date of receipt of Purchase Order. If any document approval is required then the delivery period shall start from the date of document approval however vendor shall submit all documents within 7 days of issue of PO. And subsequent submission shall be within 5 days in case any revision required.	As per supplier		
10	Prices shall be firm till delivery	Yes		
11	INSPECTION: As given in Enquiry.	Yes		
12	<u>Delivery Destination</u> : - The material is required to be supplied to FOR BHEL Bhopal with all freight charges on paid basis.	Yes		
12.1	Price to be furnished on FOR destination BHEL Bhopal, duly insured basis inclusive of P&F charges.	Yes		
13	Quoted for all the items of tender enquiry	Yes / No. (If "No" please mention item number of regretted items)		
14	Technical Specifications	Accepted as per enquiry / Accepted with deviation (If select Accepted with deviation, please mention the deviation)		
15	Guarantee Period of Material	Please quote in months		
16	TC , GC and ALL Inspection report as per tender enquiry and specification will be submitted along with each consignment.	Yes (In case of "No" your offer may be rejected).		
17	Brand Name, If any.	As per supplier		
18	Supply from	As per supplier		
19	Quotation Validity will be 90 days from the date of Price bid opening.	Yes		
20	Are you registered under MSMED ACT 2006 as small or micro.	Yes / No (If select Yes, please enclosed valid UDYAM registration certificate)		

Name of Supplier:
Sign and Seal of Supplier

Techno-Commercial Bid (To be filled by supplier and submit with offer)				
Tender No.		E1503144		
Description :		#1- RETAINING RING (BARREL) TO DRG.44028042105, IT.01, REV.00 AND MATL.SPECN.NO.BP19381, REV.02., #2- RETAINING RING (BARREL) TO DRG. 44028042087, IT.01, REV.00 AND MATL. SPECN.NO.BP19381, REV.02., #3- RETAINING RING (ORDERING) O/D 910 MM X I/D 860 MM X 300 MM LONG TO DRG NO.44028042042, REV.03 TO MAT SPEC BP 19381 REV 02.		
Sr. No.	ELEMENTS	Standards	To be offered/confirmed by supplier	Remarks, if any
21	Payment terms: 100% payment within 90 days of receipt (45 days for MSE / NSIC registered suppliers under as per relevant act in force) subject to acceptance of material at BHEL, on direct presentation of the documents. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate + 6% for the purpose of bid evaluation. Important note: An MSE enterprises who are traders/agent/dealer shall not be benefitted under public procurement. Therefore, no benefit including terms of payment within 45 days shall be passed on to MSE vendor who are trader, dealer and agent. If you are not an "original manufacturer" of indented product against above enquiry, please accept the payment terms as " 100% payment in 90 days after receipt & acceptance of material at BHEL". In case of non-acceptance or any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate + 6% for the purpose of bid evaluation.	90 days / 45 Days (If supplier is MSE, please select 45 days and if supplier is non –MSE or Trader/Dealer/Agent, please select 90 days)		
22	Other Charges (If any)	Applicable / Not Applicable. (If applicable please mention percentage (%) / Value (along with type of charges).		
23	Transit Insurance will be in supplier scope	Yes		
24	Penalty: - LD shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value (Please refer clause 9 of GCC - BP200102).	Yes / No (In case of "No", your offer will be loaded suitably)		
25	Acceptance of General Terms and Conditions of enquiry (Form No. BP- 200102) & BHEL P.O. Terms & Conditions (Indigenous) MM5527 (available at B2B site of BHEL Bhopal).	Yes (In case of "No" your offer may be rejected).		
26	Kindly confirm whether other family firms or sister concern affiliates / subsidiary firms are participating in the same tender, so as to eliminate the possibility of cartel formation. (if yes kindly attach filled, sign & sealed copy of Annexure-IX).	Kindly attach "Annexure –IX" with seal & sign.		
27	Confirm whether bidder is Manufacturer or Trader or Dealer or Agent of items under enquiry. In case of Trader or Dealer or Agent, please furnish authorization certificate from OEM.	As per supplier		
28	I/We hereby certify that the quoted items(s) offered by us in this enquiry is /are having local content (in %) of	As per supplier		
28.1	I/We hereby certify that the local content % certified above is in line with definition of local content given in Public Procurement (Preference to Make in India), Order 2017 Dtd. 4-6-2020 and I/We qualify as (Class- I/Class-II/Non-Local supplier – Fill in one which is applicable).	As per supplier [Class I – Equal to or more than 50%, Class II – More than 20% but less than 50%, Non - Local :Less than or equal to 20%] [NOTE: Please provide Certification regarding local content on your letter head for the quoted items with seal & sign.]		
28.2	Address of location at which the local value addition is made:	As per supplier		
28.3	By filling "Yes" in adjacent Box, I hereby declare & confirm that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein immediately. 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.	Yes / No		

- 1) Deviation in any commercial condition shall be suitably loaded in the offered price.
- 2) In case of any conflict, confirmation by vendor provided here will supersede.
- 3) In case bidder is not making an offer against this enquiry, we request the bidder to post the regret letter

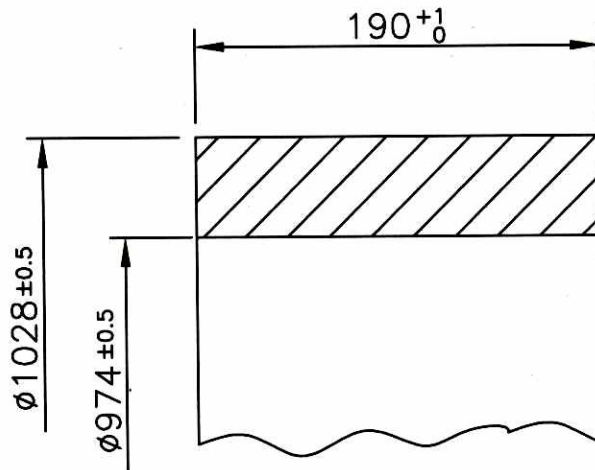
Name of Supplier:.....

Seal & Sign of supplier

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	W.O. 40159P423-11 40160P423-11
						STATUS OF DRAWING
						DISTRIBUTION OC-1, PLM-3 OF PRINTS TEX(PLM)-1



TECH. REQUIREMENT:-

1. MATERIAL SHALL HAVE 0.2% PROOF STRENGTH OF 700 N/mm² MIN. AND ALL OTHER PROPERTIES CORRESPONDING TO IT AS PER SPECN. NO. BP19381.
2. M/C ALL OVER. FINISH $\nabla^{3.2}$
3. TEST SAMPLES SHALL BE ON BOTH SIDES OF FORGING AND TESTING TO BE DONE ON BOTH SAMPLES.

REF. DRG. No.

SEE T.R.	01	RETAINING RING (BARREL)	BP19381	127.0
65	75	25 27 29	58 59 34	45 55 56 58
REMARKS	ITEM No.	DESCRIPTION	STD.	MATL. CODE UNIT WT.
			46	MATL. SPECN. 54 C UNIT 66 QTY. 71

SIGN & DATE

CARD TYPE 3				28	28	CARD TYPE 1				28	CARD TYPE 2					
 BHARAT HEAVY ELECTRICALS LTD. BHOPAL										DRN	NAME		SIGN		DATE	
										CHD	VINAY				31.12.10	
										APPD	RPG				31.12.10	

INVENTORY No.

DEPT. AME	GRADE OF UN. TOL. DIM. ϕ /M/F	SCALE NTS	WEIGHT (Kg.) 127.0	REF. TO ASSY. DRG.	ITEM No.	75 77 No. OF ITEMS
CODE 404						
TITLE RETAINING RING (BARREL) 1TC4132				1 CARD CODE	3 7 DRAWING No. 44028042105	22 23 24 REV. 00
				SHEET No. 01	No. OF SHEETS 01	

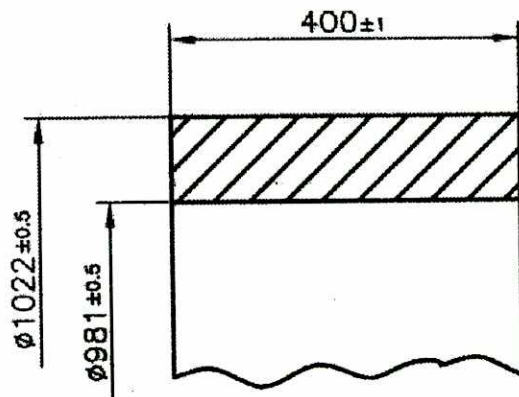
THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

VK/ROTOR/44028042105

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	W.O. 48045A421-11 NTPC BARH
						STATUS OF DRAWING
						DISTRIBUTION OC-1, PLM-3 OF PRINTS TEX(PLM)-1

**TECH. REQUIREMENT:-**

1. MATERIAL SHALL HAVE 0.2% PROOF STRENGTH OF 700 N/mm² MIN. AND ALL OTHER PROPERTIES CORRESPONDING TO IT AS PER SPECN. NO. BP19381.
2. M/C ALL OVER. FINISH $\sqrt{32}$

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

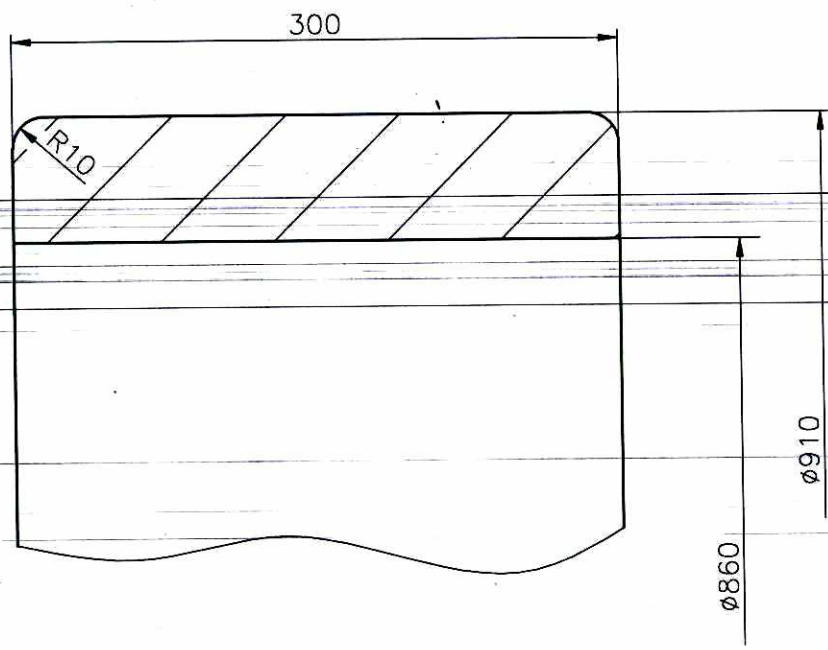
REF. DES. No.	SEE T.R.	01	RETAINING RING (BARREL)	BP19381	203.0
	REMARKS	ITEM No.	DESCRIPTION	UNIT WT.	QTY.
SIGN & DATE	CARD TYPE 3			CARD TYPE 2	
	Bharat Heavy Electricals Ltd. Bhopal			NAME LP	DATE 24.7.08
INVENTORY No.	DEPT. AME	GRADE OF DES. VOL. ONE 6/M/T	SCALE NTS	WEIGHT (Kg) 203	REF. TO ASST. DES.
	CODE 404				
TITLE RETAINING RING (BARREL)			1TF7562	DRAWING No. 44028042087	
			CARD CODE	SHEET No. 01 No. OF SHEETS 01	

LP/ROTOR/44028042087

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FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN mm)

REV	DATE	ALTERED	REV	DATE	ALTERED	RPB	ADDITION INFORMATION
		CHECKED	03	14.8.09	CHECKED		STANDARD
		APPROVED			APPROVED	DKD	STATUS OF DRAWING
			DRG. REDRAWN				DISTRIBUTION OF PRINT
							OC-1 GTG(EM)-1
							PLM-3



TECH. REQUIREMENTS:-

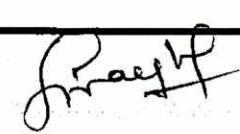
MATERIAL SHALL MEET ALL THE REQUIREMENTS OF OUR SPECN. BP19381 WITH MECHANICAL PROPERTIES CORRESPONDING TO 2% PROOF STRESS OF 550 N/mm Sq. MIN.

INVENTORY NO.	SIGN. & DATE	REF. DRG. NO.	BP9503032725		01	RETAINING RING (ORDERING)	BP 19381		164.00				
			REMARKS		ITEM NO.	DESCRIPTION	STD.	MATL. CODE	A	UNIT WT.			
								MATL. SPCN.	C	QTY.			
			28 → CARD TYPE-3		28 → CARD TYPE-1		28 → CARD TYPE-2						
DEPT. AME		GRADE OF UNTOL. DIM. C/M/F		Bharat Heavy Electricals Ltd. BHOPAL		DRN	NAME	SIGN	DATE	73	74		
CODE 404						CKD	DKD		14.08.09	NO. OF VAR			
						APPD	SG	Sd/-	14.08.09				
TITLE				SCALE NTS		WEIGHT (kg) 164.00		REF. TO ASSY. DRG.		ITEM NO.		75	77
RETAINING RING (ORDERING)								DRAWING NO. 44028042042		REV. 03			
								SHEET NO.		NO. OF SHEET			

RPB/44028042042

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 TSD6206A	PLANT PURCHASING SPECIFICATION BHOPAL	BP 19381 Rev No. 02 PAGE 1 OF 6 SUPERSEDES BP 19381 Rev.01
<u>NON-MAGNETIC CORROSION RESISTANT STEEL FORGINGS Gr. X 8 CrMn N18 18K</u>		
1) GENERAL : This specification governs the quality of forged and cold expanded, non-magnetic, corrosion resistant, steel forgings for Gr. X8CrMn N18 18K variety. 2) APPLICATION : For manufacture of cap ring forgings of AC motors. 3) CONDITION OF DELIVERY : Forged and cold expanded to achieve mechanical properties mentioned in Cl. 11. Forgings shall be supplied in the rough machined the stress relived condition, unless otherwise specified. <u>Our order shall specify the strength category (0.2% Rp Proof Stress) required.</u> 4) COMPLIANCE WITH NATIONAL STANDARDS : There is no Indian Standard covering this type of material. 5) DIMENSIONAL AND TOLERANCE : The dimension of the forgings shall be as stated on the drawing or order. If the order/drawing calls for finished dimensions, the forgings are to be delivered with all side machining allowances of 3 to 4 mm to this finished dimensions after rough machining. The surface roughness shall be maximum R2=6 µm for the non-destructive test, clause 12. 6) MANUFACTURE : Material shall be manufactured from killed steel.		
Revision : Reviewed & No Tech. Change		Issued by :  STANDARDS AND MATERIALS GROUP TECHNICAL SERVICES DEPTMENT
Rev.02	Date : 25.01.2020	Date of first Issue : Nov 87

7) HEAT TREATMENT :

The material is to be forged and cold expanded within 300°C. A hot cold deformation is not permissible. No age-hardening is permitted. The forgings are to be stress-relieved, at least 5 hours at 3500°C ± 20° C K after the cold expansions.

8) FREEDOM FROM DEFECTS :

The forgings shall be sound, clean and free from cracks, flakes, seams, segregations, harmful non-metallic inclusions other defects.

9) CHEMICAL COPOSITION :

The chemical composition of the steel shall be as follows :

Element	Percentage	
	Minimum	Maximum
Carbon	-	0.12
Silicon	-	0.80
Manganese	17.50	20.00
Phosphorus	-	0.05
Sulphur	-	0.015
Chromium	17.50	20.00
Nitrogen	0.40	-

10) TEST SAMPLES :

One tangential test samples shall be selected per heat treatment batch, per consignment for mechanical properties. Tangential samples area to be taken from the forged specimen from the center of the wall thickness after the last heat treatment.

11) MECHANICAL PROPERTIES :

11.1 Tensile :

When tested in accordance with IS:1608/DIN 50145 & 50125 the test pieces shall show, the properties given in the table below :

11.2 Impact value :

Charpy-ISO-V-Notch when tested in accordance with IS: 1498/DIN 50115 the test pieces shall show the properties given in the table below, mean of three tests shall be taken.



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PLANT PURCHASING SPECIFICATION BHOPAL

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*0.2% Proof Stress N/mm ² Min	% Elongation 5.65√So GL, Min	Reduction in Area Percent Min	Charpy Impact Value –ISO-V- Notch "J" Min.
550	37	61	130
600	35	60	125
650	32	59	120
700	30	58	110
750	28	57	105
800	26	55	100
850	24	54	95
900	22	53	90
950	20	52	80
1000	18	51	75

***Note :**

1. Strength category (0.2% Rp) shall be specified in the order.
2. The measured 0.2% proof stress is permissible to exceed the required minimum value by 150 N/mm² maximum.
3. The tensile Strength shall be mentioned for information in Test certificate.

12. NON DESTRUCTIVE EXAMINATION :

12.1 Ultrasonic Examination :

The ultrasonic testing shall be performed on 100% of the external surface with a standard test probe in radial direction and width 45 deg. Angular probe, twice in periphery direction and twice in axial direction. Test frequency shall be 1 or 2 MHz. The desired surface finish shall be less than or equal to 6 µm.

Note :

With the calibrator attenuator, the back-wall or edge echo is adjusted to 100% screen height and then increase the gain by 12 dB. Any texture noise / grass echoes appearing should not exceed 20% of screen height.

The ultrasonic testing shall be performed as per BHEL Corporate Standard AA 085 01 18 and the following shall be the unacceptable defects (category I of AA 085 01 18).

- a) Cracks, flakes, seams and laps.
- b) Defects giving indication larger than that from a 2 mm diameter equivalent flaw
- c) Groups of defects with maximum indication less than that from a 2 mm diameter equivalent flaw which cannot be separated at testing sensitivity if the back-echo is reduce to less than 70x.



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PLANT PURCHASING SPECIFICATION BHOPAL

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- D) Defects giving indications of 1 and 2 mm diameter equivalent flaws separated by a distance less than four times the size of the larger of the adjacent flaws.

12.1 Liquid Dye penetration Examination

Liquid dye penetrate test is to be carried out in 100% surface of the forgings to examine freedom from cracks as per DIN 54152 part I and the indications are to be recorded and marked on the forging.

12.2 Liquid Dye penetration Examination

Liquid dye penetrate test is to be carried out in 100% surface of the forgings to examine freedom from cracks as per DIN 54152 part I and the indications are to be recorded and marked on the forging.

13 INSPECTION AT SUPPLIER'S WORKS :

Whenever specified tests and inspection are to be conducted in the presence of BHEL's representative.

BHEL representative shall have free access at all times while the work on the contract is being performed to all parts of the manufactures works. The manufacture shall offer BHEL's representative all reasonable facilities, without charge to satisfy the later that the material is being furnished in accordance with this specification.

The manufacture shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilitate are not available at his work the manufacturer shall make necessary arrangements for carrying out the prescribed tests elsewhere.

The manufacture shall notify BHEL in advance about readiness of the material for inspection and testing. BHEL reserves the right to test the materialat BHEL's works and the final acceptance of the material shall be based on these test results.

14 REWORK :

Repair or elimination of insignificant defects not be carried out without the prior permission of BHEL.



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PLANT PURCHASING SPECIFICATION BHOPAL

BP 19381

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15. TEST CERTIFICATE :

Three copies of test certificates shall be supplied, unless otherwise stated on the order in the 'test certificate' proforma annexed to this specification, (Annexure-I).

In addition, the supplier shall ensure to enclose one copy of the test certificate alongwith their dispatch documents to facilitate quick clearance of material.

16. PACKING AND MARKING :

Forgings shall be suitably packed to prevent corrosion & damage during transit.

Machine surfaces shall be properly protected with anti-corrosive compounds.

Each package or forgings (when supplied separately) shall be legibly marked with paint with the following information:-

BP 19381: Non-magnetic Corrosion resistance steel forgings Gr:X8CrMnN18 18K.

BHEL Order No.

Drawing No. (on the inner surface)

Consignment or identification No.

Batch No.

Weight

Supplier's Name.

17. REJECTION AND REPLACEMENT :

If the forging does not comply with the requirements of this specification during receipt inspection at BHEL or if any defect is found during the course of preparation, machining, testing or erection such forging shall be rejected notwithstanding any previous certification. of satisfactory testing and/or inspection.

The manufacturer shall undertake to replace the rejected forgings at his own cost and the rejected forgings shall be taken back by the supplier after fulfilling the commercial terms and conditions.

PLANT PURCHASING SPECIFICATION BHOPAL

BP 19381

Rev No. 02

PAGE 6 OF 6

Recommended Test Certificate Format For Forgings

Annexure-1

Supplier's Name and Address

1. Customer:	8. Reduction Ratio	1. Import Bloom
2. TC No. & Date:	10. Batch No.:	1. Reheated Blank
3. P.O. No.:	11. Heat/Item No.	
4. Process of Making Ingot:	12. Spec. No.	
5. Decarburisation Process:	13. Test Bar Size & No.	
6. Forging Method:	14. Supplier of the ingot/bloom	
7. BHEL's Reference for Approval of Bloom	14. Supplier of the ingot/bloom	
8. Discard Top _____ V Bottom _____ %	14. Supplier of the ingot/bloom	
15. FORGINGS COVERED BY TEST CERTIFICATE		
S. No.	Drawing No. & Item No.	Description
Quantity & Weight		
16. CHEMICAL COMPOSITION (PERCENT)		
Element	C	Si
As Per Spec	Min.	Max.
Actual Values		
17. HEAT TREATMENT		
(To be accompanied by Recorder Chart, Whenever called for)		
Condition	Heating Rate: °C/Hr.	Temp. °C
		Soaking Time, Hrs.
		Cooling Rate: °C/Hr.
		Cooling Medium
18. MECHANICAL PROPERTIES		
	T.S. N/mm ²	% Elongation 565/500 CL
As Per Spec	Min.	Max.
Actual Values		
19. SURFACE FINISH (When called for in the order/drg.)		
20. DIMENSIONAL INSPECTION		
21. NON-DESTRUCTIVE TESTS		
Method of Test	Acceptance level	Instrument Used
Ultrasonic		Range
Radiographic		Results
Dye penetrant		Any other detail
Magnetic Particle		
22. METALLOGRAPHIC EXAMINATION		
(To be conducted if called for and photo micrographs to be attached along with a report)		
Location of Sample	Etchant used	Magnification
		Corrosion observed
Microstructure	Macroetch	Inclusion Rating
23. OTHER TESTS IF ANY (MICROSCOPIC SULPHUR PRINTS, ETC.)		
24. IDENTIFICATION OF FORGINGS AS PER PURCHASE SPEC.		
We hereby certify that the items mentioned above have been tested and inspected in our presence and are found to be in accordance with drawings, specifications and purchase order.		
SIGNATURE, NAME & SEAL OF THE INSPECTING OFFICER DATE		SIGNATURE, NAME & SEAL OF THE CHIEF OF QUALITY CONTROL/CHIEF METALLURGIST OF THE SUPPLIER DATE
INSTRUCTIONS		
a) Details of all heat treatment processes carried out should be furnished sequentially in 17		
b) Test certificates etc. to be furnished as per Purchase order and specification, in A4 size preferably (transparent paper)		
c) All the entries including signature should be in black colour ink.		
d) If testing is done by outside agencies, the original TCs shall be furnished.		
e) The actual TC may occupy more than one A4 size paper, if needed, to facilitate filling up of details.		



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
QUALITY PLAN FOR -RETAINING RING TO SPEC. BP19381

QUALITY PLAN NO. QA/MT/BOI/099 REV 00

DATE: 03/12/2020

Page 1 of 2

ABBREVIATION:

Traceability with NABL/OEM shall be verified by inspection agency for the equipment/ instrument used for conducting the test and shall be reported in the TCs.	
V	Visual,
M	Measurement
T	Testing
PV	Process Verification

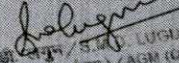
SL. NO	COMPONENT	CHARACTERISTICS	TYPE OF CHECK	QUANTAM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY	REMARKS
1.0		Chemical Analysis	T	Sample/melt	BP19381	BP19381	TC	BHEL	Witness
2.0		Heat Treatment	PV	100%	BP19381	BP19381	Temp. chart	BHEL	Record Review
3.0		Mechanical properties -Tensile Strength -Impact Value (0.2% Proof Stress, % elongation, % Reduction in Area, Charpy Impact	T	Sample/heat/heat treatment batch	BP19381	BP19381	TC	BHEL	Witness
4.0		Surface Finish Free from cracks, flakes, seams, segregation, harmful non-metallic inclusion	V	100%	BP19381	BP19381	TC	BHEL	Witness
5.0		UT	T	100%	AA0850118	Cat-I-AA0850118/BP19381	TR	BHEL	Witness



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
QUALITY PLAN FOR -RETAINING RING TO SPEC. BP19381

QUALITY PLAN NO. QA/MT/BOI/099 REV 00

DATE: 03/12/2020

6.0	LP	T	100%	BP19381	BP19381	TR	BHEL	Witness
7.0	Dimensional inspection	M	100%	Drg./spec/PO	Drg./spec/PO	IR	BHEL	Witness
8.0	Packing & Marking	V	100%	Drg./spec/PO	Drg./spec/PO	TC	BHEL	Witness
	Machined surface protection by Anti corrosive compound							
	Marking - Drg.no (on inner surface), supplier name, batch, weight & PO no.							
PREPARED BY:  आर्यम जी. तेलगोटे / J.A.M. TELGOTE QA/MT/BOI/099 / QA/MT/BOI/099 गुणता नियंत्रण विभाग / Quality Assurance-BOI भोपाल / BHEL, BHOPAL					APPROVED BY  एस.एम.जी. लुचन / S.M. LUCHAN अवर महाप्रबन्धक (विद्युत) / AGM (E.E.) गुणता नियंत्रण-ईएम / Quality Control-EE बी.एच.ई.एल. भोपाल / BHEL, BHOPAL			

**Minimum Technical Qualifications Required for supplying Retaining Ring Forging Grade
X8CrMn N18 18K as per BHEL spec BP19381**

Ref no: AME/MTQ/RETRING/01

Date: 08-12-20

Following are the mandatory requirements. Offers of vendors not meeting these requirements will not be considered

Considered					Complied (Yes / No)																											
S.N	Description of pre-qualification requirement	Supporting Documents required																														
1.	Vendor must have manufactured and supplied at least 3 retaining ring forgings in material grade X8CrMnN1818K by hot forging + cold expansion process. Out of these retaining ring forging, at least one retaining of dimension Outer diameter : ≥ 900 mm, Inner Diameter: ≥ 850 mm and Height: ≥ 180 mm must have been manufactured and supplied by vendor.	In support of above, the vendor has to furnish details of 3 retaining ring supplies in the following format: <table><tr><th rowspan="2">Retaining ring</th><th rowspan="2">Steel Grade: X8CrMnN1818K</th><th colspan="3">Dimension (in mm)</th><th rowspan="2">Name of Customer/ Year of supply</th></tr><tr><th>OD</th><th>ID</th><th>HT</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			Retaining ring	Steel Grade: X8CrMnN1818K	Dimension (in mm)			Name of Customer/ Year of supply	OD	ID	HT																			
Retaining ring	Steel Grade: X8CrMnN1818K	Dimension (in mm)					Name of Customer/ Year of supply																									
		OD	ID	HT																												
		This should be accompanied by Self-declaration (seal signed by authorized signatory on Company's letter head) giving purchase order reference, purchase order date, customer name, quantity supplied and supply date. Test certificate of retaining ring for all the three cases must be submitted with offer.																														
2.	a. Vendor must have in-house forging/ring rolling, heat treatment and cold expansion facility to manufacture retaining ring forging of material grade X8CrMnN1818 of drawing dimension. Retaining ring forging has to be manufactured by forging plus cold expansion process. # Any other process of manufacturing is not acceptable. Outsourcing of any of the above process is not acceptable.	Details of in-house manufacturing facilities are to be submitted with offer. Supplier to give Self declaration (seal signed by authorized signatory on Company's letter head) mentioning list of relevant manufacturing facilities owned by the manufacturer.																														
	b. Electro slag re-melted steel shall be used.	Supplier to provide Self declaration (seal signed by authorized signatory on Company's letter head) containing details of in-house melting including Electro Slag Re-melting facility. At least one mill test certificate of material grade X8CrMnN1818 manufactured in house to be submitted. In case in-house steel melting facility not available, vendor to provide details of steel supplier with their manufacturing facility and experience for material grade X8CrMnN1818.																														

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3.	a) The Manufacturer, preferably should have in-house testing facilities to conduct tests as per QAP Plan QA/MT/BOI/099 Rev.00 b) If any facility of particular testing is not available in-house then Manufacturer to Outsource labs/firms for testing.	a) Self declaration (seal signed by authorized signatory on Company's letter head) giving details of in-house testing facilities. Test certificates shall cover chemical composition, mechanical properties, dimensional report, non-destructive test report etc. Testing shall be witnessed by BHEL as per QA/MT/BOI/099. b) In case of outsourcing of testing, vendor to agree to test in government/international accreditation agency approved labs.	
4.	Vendor to confirm supply shall be as per BHEL enquiry drawing and specification. Vendor to sign each page of BHEL specification, drawing and QA plan for compliance and submit with offer.		


 (R.P. Gera) 8/12/20
 Sr. DGM/AME
 रवि प्रकाश गेरा / Ravi Prakash Gera
 वरि. उप महाप्रबंधक / Sr. Dy. General Manager
 ए.एम.ई. विभाग / A.M.E. Division
 बी.एच.ई.एल., भोपाल / BHEL, BHOPAL


 (Baboo Sonwane)
 AGM /AME
 8/12/2020


 (Mukul Nihalani)
 Dy. Manager /AME
 मुकुल निहालाणी / MUKUL NIHALANI
 प्रबंधक (अधिकृत) / Dy. Manager (Design)
 ए.एम.ई. विभाग / A.M.E. Division
 बी.एच.ई.एल., भोपाल / BHEL, BHOPAL

**Minimum Commercial Qualification required for supplying Retaining Ring Forging Grade
X8CrMn N18 18K as per BHEL Specification BP19381**

PQR NO: MEX/MCQ/RETRING/01

S.N	Description of pre-qualification requirement	Supporting Documents required	Complied (Yes/No)
5	Financial soundness: Average annual turnover of at least 65 lakhs of last 3 years ending on 31.03.2020	Vendor to furnish audited annual accounts for the last three financial years ending 31 st March 2020.	
6	Preference to make in India: For this procurement, Public procurement (preference to make in India), order 2017 dtd 15.06.2017 and subsequent orders issued by the respective nodal ministry shall be applicable even if issued after issue of this NIT. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non-Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. The required min. local content shall be 20%.	Declaration of Local Content as per attached format (to be furnished on Company's letter head duly signed by authorized signatory)	
7	Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% percentage of total QUANTITY.	a) Vendor to furnish Udyam certificate in support/proof for MSE supplier.	

Note: -

1. Compliance of PQR (Sl.-01 to 07) is mandatory. In absence of compliance of above, vendor's offer may be rejected.
2. BHEL reserves the right to ask for additional documents (if required) to verify the information declared by Vendor. In case the information submitted is found false or incorrect, the offer will be rejected and the action as per extant guideline shall be taken.
3. BHEL reserves the right to accept the offer in part or in full or cancel the tender enquiry without assigning any reason.

for P. G. VPM

Adarsh K. Chowdhary
(Adarsh K. Chowdhary)

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 ENQUIRY No. E1503/44; Item-01 - Retaining Ring (10 Nos.); Item-02 - Retaining Ring (01 No.); Item-03 - Retaining Ring (05 Nos.)

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 Independent External Monitor(s), 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 Indian Penal Code 1860 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. He commits himself to observe the following principles during his 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 Indian Penal Code (IPC) 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 will 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 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 from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to

demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 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.

Section 6 - Equal treatment of all Bidders/ Contractors / Sub-contractors

- 6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.
- 6.2 The Principal will disqualify from the tender process all bidders who do not sign this 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 Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 8.2 The Monitor is 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 Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.
- 8.4 The Principal will provide to the Monitor 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 Monitor the option to participate in such meetings.

- 8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- 8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.9 IEM 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 organization should be looked into by the CVO of the concerned organisation.
- 8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code/ 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 Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.
- 8.12 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- 9.2 If any claim is made/ lodged during currency of IP, 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 agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

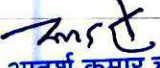
10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement 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 agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal


आदर्श कुमार चौधरी
ADARSH KUMAR CHOWDHARY
(Office Seal)
उप प्रबंधक / Dy. Manager
सा.प्र.-ई.एम. / M.M.-E.M.
बी.एच.ई.एल., भोपाल / B.H.E.L., Bhopal
Place Bhopal

Date 01.2.2021

For & On behalf of the Bidder/

Contractor

(Office Seal)

Witness:


राजू प्रसाद गुप्ता / R.P. GUPTA
(Name & Address) प्रबंधक / Manager
सोमेश प्रबंधन-ई.एम. / MM-EM
बी.एच.ई.एल., भोपाल / 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.	Shri Arun Chandra Verma, IPS (Retd.)	acverma1@gmail.com
2.	Shri Virendra Bahadur Singh, IPS (Retd.)	vbsinghips@gmail.com

- (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 any of the above IEM(s). 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) आदर्श कुमार चौधरी
 Name: ADARSH KUMAR CHOWDHARY
 Deptt: उप प्रबंधक / Dy. Manager
 Address: सा.प्र.-ई.एम. / M.M.-E.M.
 Phone: 0755-2505785 (Landline/ Mobile)
 Email: adarshkc@bhel.in
 Fax: -

(2) राजू प्रसाद गुप्ता / R.P. GUPTA
 Name: राजू प्रसाद गुप्ता / R.P. GUPTA
 Deptt: प्रबंधक / Manager
 Address: सामग्री प्रबंधन ई.एम. / MM-EM
 Phone: 0755-2503066 (Landline/ Mobile)
 Email: rajupg@bhel.in
 Fax: -

GENERAL TERMS AND CONDITIONS OF ENQUIRY

Sl.No.	Description
1	General:
A	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.
2	General Instructions - Common for Indigenous & Foreign enquiries
A	Through E- procurement
A1	1. Offer shall be submitted by the bidders in single/two parts as called in Tender enquiry. Bid Part - I Technical cum Commercial bid Bid Part - II Price bid 2. Suppliers shall quote price on BHEL authorised third party service provider e-procurement site. Any deviation from the price format shall be clearly brought out in the offer Bid part I. The offer shall be uploaded on BHEL e-procurement site using Class III digital signature. Bidders to put sign and seal on all the uploaded documents. The quotation should be uploaded on the site before due date and time. Part-I of the bid shall contain complete item-wise scope of supply as offered vis-à-vis the scope of supply as per enquiry, all commercial terms and conditions etc. It is expected that bidders shall meet all our technical and commercial requirements and shall not deviate from them.
B	Through tender room
B1	Sealed bids are invited for scope of Supply / Services as detailed in the enquiry. The quotation should be neatly typed and free from over writing/ erasures. Any correction or addition must be authenticated. 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. 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.
B2	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. Offer must reach tender room of BHEL Bhopal latest by 11.00 am IST on the enquiry due date. Bids submitted as single part bid against two – part bid, shall be rejected unless the offer is techno-commercially acceptable without seeking any clarification.
B3	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.
B4	Bidder can also submit offer through email, if called for in the enquiry, at the 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.
C	Commercial Conditions quoted by the vendor 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.
D	BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (available on www.bhel.com). The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price /envelope-sealed price)



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	thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates. If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (available on www.bhel.com). In case RA fails, sealed/E-proc price bids shall be opened in line with RA Guidelines. In case BHEL decides to open the sealed paper price bids, bids of all the techno-commercially acceptable bidders will be opened on the assigned date.
E	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. Vendors, seeking deviations from the specifications and any other conditions, may indicate the same clearly on a separate sheet, with reasons for such deviations. BHEL reserves the right to reject the offer with deviations or load the deviations suitably for evaluation.
F	Offers shall be submitted directly by vendor or his authorized agent only. Unsolicited offers shall be summarily rejected.
G	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 acceptable bidder(s) only shall be opened on the assigned date, for which separate intimation will be sent to the acceptable bidders.
H	The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned along with his price bid within <i>30 days</i> of contract finalization date. No interest will be payable on EMD amount. EMD shall however be forfeited in the event of bidder opting out after submission of the bid.
I	- 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. - 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. - 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.
J	The bidders will submit Integrity Pact, duly signed by its authorized signatory, where called for in the enquiry.
K	Wherever the enquiry is issued to unregistered vendor, the bidder shall visit ' www.bhel.com ' for submitting the online Supplier Registration Application. Price bids of such vendors, will be opened only on techno-commercial acceptance of bid & after supplier registration.
L	BHEL expects that the bidder must respond 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 vendor may lead to his deletion from BHEL's approved vendor list.
M	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.
N	Goods shall be consigned to AGM (CRX), BHEL, Piplani, Bhopal - 462022, India, unless otherwise specified in the PO.
O	In case of press tenders (i.e. those published in newspapers) all corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL website. (www.bhel.com & www.bhelbpl.co.in) only. Bidders responding to press tender should regularly visit website(s) to keep themselves updated.
P	In the course of evaluation, if more than one bidder happens to occupy L-1 status and the order is to be placed on a single vendor, effective L-1 will be decided in the order of availability of goods from Indigenous sources, suitability of delivery period to BHEL's requirements, vendor performance rating and quantum of past business volumes with the vendor in last 3 years, preceding the current financial year, for the same item. BHEL's decision in such situations shall be final and binding.
Q	The Purchaser can consider awarding tendered quantities among more than one bidder (after acceptance of LI 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 LI counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for.
R	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>
3	Delivery Terms
A	Indigenous Purchase



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A1	Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the enquiry.	
B	Foreign Purchase — Imports	
B1	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 Dry Port - ICD Mandideep (INMDD6) 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) & Break-bulk Cargo at Mumbai (MPT). 4. For Air consignments, the terms of delivery shall be FCA at BHEL nominated Airport. 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 www.bhelbpl.co.in for details of named Air ports and Sea ports. Name of the gateway port so chosen by the Seller shall be indicated by the Bidder in his offer.	
B2	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. 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 Seller's account.</u>	
4	Vendor's particulars & logistics information (Bidder to give details against each of the provisions)	
A	Name of the vendor's executive to deal with this tender / project	
B	E-mail address of the contact person	
C	Telephone no. of the contact person	
D	Name of location from where the goods shall be offered for inspection and dispatch	
5	Additional logistics information for Imports	
A	Bid currency	
B	Charges applicable at discharge port up to BHEL's CFS (Container Freight Station) to be indicated in your offer and on the B/L	
C	Name of Airport in the country of dispatch for FCA delivery terms	
D	Estimated number, type & size of containers for delivery of tendered quantity (applicable where the goods are to be sent in FCL)	
E	No. of packages with cumulative gross weight and CBM volume (applicable for LCL & Break-bulk shipment)	
F	Approx. distance in km. from Vendor's works to Port of Loading	Sea port /Air port
6	Delivery Schedule & Completion date	
A	• 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. • Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone. • Seller shall deliver the goods in the manner and schedule agreed under the Purchase order. • Goods shall be delivered within contractual period or any extension thereof, if any, granted by the Purchaser. • 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. • BHEL reserves the right to cancel the order if material is not delivered within PO scheduled delivery.	
B	In case of foreign supplies, the date of Bill of Lading (B/L) or AWB shall be taken as actual date of delivery.	
C	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	



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A	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. Seller 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 seller to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
8	Force Majeure
A	Notwithstanding anything contained in the contract, neither the Seller nor the Purchaser shall be held responsible for total or partial non-execution of any of the contractual obligations, should the obligation become unreasonably onerous or impossible due to occurrence of a 'Force Majeure' which directly affects the obligations to be performed by the Purchaser or the Seller; Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities; over which the Seller or the Purchaser has no control. The party claiming to be affected by force majeure shall notify the other party in writing without delay, within two weeks on the intervention and on the cessation of such circumstance. Extension of time sought by the Seller along with supporting evidence and so granted by the Purchaser for the supply/ work affected, if any, shall not be construed as waiver in respect of remaining deliveries. Rescheduling of deliveries on account of force majeure conditions, if so agreed by the Purchaser, will not entail the Seller to claim any increase in the price on whatsoever account. Notwithstanding above provisions, Purchaser shall reserve the right to cancel the order/ Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements. If deemed necessary, Purchaser may takeover partly processed material at a mutually agreed price.
9	Penalty for delayed performance.
A	I. Subject to force majeure conditions, penalty shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value. Total order value above shall be item wise, lot wise order value. Any deviation based on specific requirement shall be specified separately in the NIT. II. However, in case of Capital Machine / BOP where staggered deliveries may be applicable, the penalty will be levied on total order value. III. In case of any amendment / revision, the penalty shall be linked to the amended / revised PO. IV. Any loading on penalty clause shall be to the extent to which it is not agreed to by the bidder (at offered value)
B	If the material is not supplied within the agreed delivery period, BHEL reserves the right to cancel the order and purchase the material from alternate source(s) at the Risk and Cost of the Seller. In such an event, it shall be obligatory on the part of seller to make good any loss suffered by the purchaser.
C	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.
10	Indian Agents and Agency commission
A	BHEL prefers to deal directly with Foreign vendor, 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.
B	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.
C	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.
D	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:
A	Indigenous Purchase
	Seller shall arrange to send to the consignee, Original Tax invoice (Buyer's copy and duplicate for Transporter), Commercial invoice in duplicate, consignee copy of LR & 2 sets each of Packing list, Test certificate, Guarantee / Warranty certificate, O & M manuals (where applicable), immediately on despatch of the goods. The distribution of such documents will be specified in the Purchase order. 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.
B	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



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	Purchaser - Express / Original 'Clean on board' Bill of Lading / AWB. - One set of Commercial Invoice, Packing list indicating container-wise Gross weight, Net weight, CBM volume, No. of packages with Dimensions of each package. - Original Certificate of Country of Origin issued by Chamber of Commerce. - One set of Original Test Certificates and O&M Manual where called for. - Fumigation / Phyto Sanitary Certificate wherever cargo is packed in wooden packing or packing of plant origin material is used. - Supplier should additionally forward 2 sets of original documents mentioned at point 1 to 5 along with original bill to Lading through any international courier service/registered airmail or AWB by captain's mail within three days of obtaining the same directly to the following: (i) AGM (M.S) Regional Operations Division BHEL 14th Floor Centre-1 World Trade Centre, Cuffe Parade Colaba, Mumbai 400 005 INDIA Email - msseabpl@bhel.in (In case of sea freight) msair@bhel.in (In case of air freight) (ii) DGM (FIN- FP) 4th Floor, Administrative Bldg. BHEL Bhopal - 462022 (India) E-mail : fin_fp@bhelbpl.co.in And confirm forwarding details to AGM (MM- FE), BHEL Bhopal at mmfe@bhelbpl.co.in - 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@bhelbpl.co.in & 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 bankers / BHEL with respect to documents submitted, vendor to facilitate clearance of goods through Delivery Order.
C	General
	- For Hazardous chemicals, the materials safety data sheet (MSDS) is to be submitted. - 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
12	Pricing Terms
A	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 vendors, the quoted price shall be taken as inclusive of Third Party Inspection and testing charges as called for in the NIT.
13	Price Validity :
A	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
	Vendor to ensure timely remittance of SGST, CGST , IGST as applicable in time as per law.
	Vendor 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.
	Vendors to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment alongwith invoice.
	Vendor to submit invoices compliant with GST invoice Rules
	Vendors 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 vendors shall be borne by them and shall be adjusted / recovered from the vendors. 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.
	Vendor to ensure TAX INVOICE submission along with consignment
	In respect of cases where the liability to discharge GST is on BHEL under reverse charge mechanism, vendors 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 vendor on submission or delivery of material / services the same shall be passed on to them.



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	In respect of free issue material by BHEL, vendors 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 vendor, the additional financial implications on BHEL shall be passed on to the vendor
	Vendors to provide the applicable HSN / SAC codes as called for in the enquiry
	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
15.	Taxes & Duties - Foreign Purchase — Imports
	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-
A	Indigenous: 100% payment in 90 days of receipt (45 days for MSE including NSIC/ Udyog Aadhar registered suppliers as per relevant act in force), subject to acceptance of material at BHEL, on direct presentation of the documents. 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 @ SBI base rate + 6% for the purpose of bid evaluation.
B	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 vendor's request, then bids shall be evaluated with loading of State bank of India Base rate plus 6%, 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.
C	Foreign vendors 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 vendor, withholding tax at applicable rates along with surcharge and cess will be recovered at the time of remittance to the vendor.
D	Foreign vendors to submit Tax Residency Certificate (TRC) & Form 10F (for obtaining DTAA benefits) as per Annexure C in respect of services. The TRC (tax residency certificate) is to be issued by the authorities of the government of vendor'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 vendor as a declaration.
17	Inspection of Goods
A	The Seller 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.
B	Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Seller'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 Seller from his obligations under the contract. 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. If BHEL carries out any rectification of such rejected material, such cost will be recovered from Supplier's Bills. In case of Customer inspection as Supplier's Works, inspection clearance to be obtained from Customer and submitted to BHEL.
C	BHEL's representative from unit or Corporate Quality (CQ) is authorised to carry out audits along with TPIA at vendor's works before clearing the items for despatch.
D	All costs related to inspections and re-inspections shall be borne by the Seller. 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 vendors, the cost of third party inspection, where called for, shall be deemed to be included in the quoted price. Seller 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.
E	REJECTION: If any goods are rejected, BHEL shall be at liberty to take action as per following at the risk and cost of supplier: a) Allow the supplier, wherever mutually agreed, to rectify the rejected goods at BHEL's works within reasonable time as fixed by BHEL. Or b) Allow the supplier to make free replacement within a specified period. Rejected goods can be lifted by the

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	supplier thereafter. Or 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, allow the supplier, wherever mutually agreed, to rectify the rejected goods at supplier's works within reasonable time as fixed by BHEL. Or d) Take alternate procurement action from elsewhere and recover the difference in total cost to BHEL including services, if any, incurred by BHEL in this regard from the supplier. The supplier shall not be entitled to any gain on repurchase. Or e) Terminate the contract either in part or in whole at the discretion of BHEL and recover the loss, if any, from the supplier. Or f) Any goods rejected by BHEL must be removed by the supplier after making payment through NEFT / RTGS within 45 days from the date of intimation of rejection or 30 days after receipt of the intimation of rejection whichever is earlier. If vendor 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.
18	Guarantee / Warranty and corresponding Repairs / Replacement of Goods
A	Manufacturer's works test/infection 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 Seller 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 Seller at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores/ designated destination basis) within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Seller. In case the defects attributable to Seller are detected during processing of the goods at purchaser's / his subcontractor's works, the Seller shall be responsible for free replacement/ repair of the goods as required by the purchaser.
19	Evaluation and Loading Criteria:
	Evaluation of the tender shall be on the basis of delivered cost, i.e. 'total 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. 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 vendor along with dispatch documents. Bids shall be evaluated with such applicable benefits. In the event of Seller failing to provide appropriate documents for Purchaser to avail disclosed concessional duty benefits in India, financial loss, so incurred, will be to the Seller's account.
20	Variation of orders
	No variation to the Purchase order is permitted unless authorised in writing and signed by or on behalf of purchase executive, BHEL Bhopal.
21	Sub-contract
	BHEL's order or part thereof, 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
	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. b For any deficiency in supplies where deduction is involved, an amount as decided by BHEL, shall be deducted from supplier's bills.
23	Safety clause for purchase orders
	The vendors 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

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	Inspection Agency for performing inspection. The vendor 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
	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
A	All questions/interpretations regarding subject matter of the Contract shall be decided by the Purchaser on the request of the Seller and the decision of the Purchaser shall be final.
B	In case of dispute, steps shall be taken by the parties to the contract to settle the same through negotiations.
C	In case, dispute is not settled in negotiations, it shall be referred to Conciliator appointed by the competent authority of the Purchaser.
D	Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, 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, then, either Party may, by a notice in writing to the other party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL Unit/Region/Division issuing the Contract. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or Statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Bhopal. The cost of arbitration shall be borne as per award of the Arbitrator. Subject to the arbitration in terms of Clause above, the Courts at Bhopal shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract. Notwithstanding the existence or any dispute or differences and /or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract. In case of Contract with Public Sector Enterprise (PSE) or Government Department, the following shall be applicable : In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred by either Party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the Parties to the dispute, provided, however, any Party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by Law Secretary, whose decision shall bind the Parties hereto finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.
E	The Seller shall continue to perform the contract, pending settlement of dispute(s).
26	Applicable Laws and Jurisdiction of Courts
	Indian laws both substantive and procedural, for the time being in force, including modifications thereto, shall govern the Contract including Arbitration proceedings. The competent Courts at Bhopal in the State of Madhya Pradesh, India



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	shall have sole jurisdiction.
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):
A	Wherever PBG (covering equipment / system / work performance guarantee) is called for in the Notice Inviting Tender (NIT) deviation shall not be accepted.
B	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.
C	Wherever Security Deposit (covering contract performance) is called for in the NIT, deviation shall not be accepted.
D	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.
E	Wherever the contract is for supply of Goods processed on labour basis from BHEL supplied materials, the materials shall be issued against a suitable Bank guarantee as specified in the Enquiry.
29	Benefits earmarked for Purchase from Micro & Small Enterprises (MSEs) — Indigenous Purchase
A	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.
B	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 a MSE and such MSE shall be allowed to supply up to 20% of total tendered value. In case of more than one such MSE, the supply shall be shared proportionately. A quantum of 4% out of 20% quantity, 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, 4% sub-target for procurement earmarked for MSE(s) owned by SC or ST entrepreneurs shall be met from other MSE(s). In case of indivisible tender the full quantity shall be awarded to L1.
C	If an enterprise falling under MSE category as defined in the MSMED Act 2006, graduates to a higher category from it's original category or beyond the purview of the Act, it shall continue to avail all non-tax benefits of it's 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.
D	MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (As per BHEL Format, where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. 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 documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer
30	Integrity Pact (IP) — Independent external monitors (IEM) For tenders in which integrity pact is applicable, following points stand valid :
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. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL. 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. Name : ----- Address : ----- E-mail : ----- } As indicated in NIT / enquiry



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B	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. 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. For all clarifications/ issues related to the tender, Please contact: <table><tr><td></td><td>(1)</td><td>(2)</td></tr><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><tr><td>Deptt</td><td></td><td></td></tr><tr><td>Address</td><td></td><td></td></tr><tr><td>Fax</td><td></td><td></td></tr></table>		(1)	(2)	Name			Landline No.			Mobile No.			Email			Deptt			Address			Fax		
	(1)	(2)																							
Name																									
Landline No.																									
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31	Fraud Prevention Policy : The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website 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.																								
32	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. Integrity commitment, performance of the contract and punitive action thereof :																								
A	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.																								
B	Commitment by bidder / Supplier / Contractor : - The bidder / supplier / contractor commit 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 - 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.																								
C	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.																								

Letter head of Company (<Rs. 10 Cr value)

Ref.....

Date.....

To,

Bharat Heavy Electricals Limited
Piplani, Bhopal-462022

Subject: - Certification regarding local content

Reference: Tender Enquiry No-.....

Name of items :

Dear Sir,

We hereby certify that the quoted items offered by us against Enquiry Nois having local content of%.

Further, to certify that 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 and we qualify as..... (Class-I/ CLASS-II/Non-Local supplier-fill in one which is applicable) local supplier.

We further confirm that details of location at which the local value addition is made will be at(address of the works).

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief and I undertake to inform you of any changes therein, immediately. 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.

Yours very truly

..... (authorized signatory of company with seal)

..... (firm name)

authorized signatory
of company

DECLARATION BY VENDOR

We declare that the following family firms or sister concern affiliates / subsidiary firms are participating in the tender No E.....:

1.0

2.0

3.0

.....

I, hereby declare on behalf of M/s and the family firms or sister concern affiliates / subsidiary firms listed above that we are not indulging in cartel formation for Enquiry No E.....

(.....)

For M/s

(Seal & Sign)