



BHARAT HEAVY ELECTRICALS LIMITED

CORPORATE RESEARCH & DEVELOPMENT DIVISION

VIKASNAGAR, HYDERABAD - 500 093, INDIA

PHONES: 23774494 (EXCHANGE)

DIRECT: 23882104/23882204/

23778474/23776772

FAX : 91 40 23770698

RD:DP:MPX:F-04

ENQUIRY

To - Enquiry No: 350807231 Enq Date: 28-MAR-09 Due Date: 09-MAY-09 Delivery By:

Pin - PLEASE SUBMIT YOUR QUOTATION IN SEALED COVER SUPERSCRIBED WITH ENQUIRY NO, ENQUIRY DATE AND DUE DATE SUBJECT TO OUR TERMS AND CONDITIONS ENCLOSED, FOR THE FOLLOWING MATERIALS SO AS TO REACH US ON OR BEFORE THE DUE DATE BY 12 NOON. THE TENDERS WILL BE OPENED AT 2 PM ON THE SAME DAY

Email :

Attn. .

PLEASE GIVE REFERENCE OF ENQ NUMBER , ENQ .DATE AND DUE DATE IN ALL YOUR CORRESPONDENCE FOR PROMPT ACTION. IN CASE IF YOU ARE NOT MAKING THE OFFER PLEASE POST A REGRET LETTER AND RETURN THE DOCUMENTS.

SL NO	DESCRIPTION / SPECIFICATION	UNIT	QTY
1	ARCING CHAMBER INSULATOR AS PER ENCLOSED SPECIFICATIONS AND DRAWINGS	NO	3
2	PULL ROD ASSEMBLIES AS PER ENCLOSED SPECIFICATIONS AND DRAWINGS	NO	6

Please submit your offer in Two parts as per enclosed "General Terms and Conditions of enquiry & Contract for the purchase of Goods/ Services" in separate sealed covers as detailed below:

1) First cover shall contain a) Technical & Commercial bid, b) Compliance Statement, c) Un-priced Price bid, i.e. a copy of the Price bid with the price(s) columns left blank.

2) Second Cover containing Price bid.

If the Price bid is found to be different from the un-Priced Price bid in any way, the offer will be rejected.

3) GUARANTEE CERTIFICATE : REQUIRED

4) BHEL Reserves the right to procure the above items through Reverse Auction.

Note:

1) ALL OFFERS MUST INCLUDE NAME OF CONTACT PERSON, PHONE NO, FAX NO, EMAIL ID. UNSIGNED/INCOMPLETE OFFER(S) ARE LIABLE FOR REJECTION.

2) Taxes & Duties quoted will be taken for cost evaluation & order placement and no change will be entertained later except in the case of changes made by the Government.

3) Changes in Taxes and Duties because of the changes in Turnover etc. will be to the supplier's account.

4) In case any Taxes/duties exempted, a self declaration for the same may be attached to the offer.

AS WE ARE ENGAGED IN R&D ACTIVITY "C" FORM WILL NOT BE ISSUED

Yours faithfully

for

BHARAT HEAVY ELECTRICALS LTD

PLEASE FILL UP THE ENCLOSED VENDOR REGISTRATION FORM AND SEND IT ALONG WITH YOUR QUOTATION. OTHERWISE YOUR QUOTATION WILL NOT BE CONSIDERED. (IGNORE THIS IF YOU HAVE ALREADY SUBMITTED THIS FORM)

MS JEEVAN JYOTI GS

Sr Manager

Email: jeevan@bhelrnd.co.in

PSGSG106		SPECIFICATIONS FOR Arcing Insulators		Drg.No.	RD DG 4 35 0617 0250																																								
				Date	05.12.06																																								
				Product	GSM-400																																								
1.0		APPLICATION: Tubular insulator with metal flanges is a part of a high voltage, heavy duty switchgear. The component is intended for a 420 kV AC, 50 Hz System.																																											
2.0		SPECIFICATION:																																											
2.1		TUBE MATERIAL																																											
2.1.1		The POLYESTER lining used for tube shall have following properties: <table><tr><td>#</td><td>Property</td><td>Unit</td><td>Value</td></tr><tr><td>1</td><td>Density</td><td>g/ccm</td><td>~1.3</td></tr><tr><td>2</td><td>Tensile Strength</td><td>N/cm</td><td>~1000</td></tr><tr><td>3</td><td>Impulse dielectric Strength</td><td>kV/mm</td><td>16</td></tr><tr><td>4</td><td>Relative permittivity</td><td>-</td><td>~3.4</td></tr><tr><td>5</td><td>Dielectric loss factor</td><td>%</td><td>~0.4</td></tr><tr><td>6</td><td>SHRINKAGE15 HR160 °C</td><td>%</td><td>≤ 2</td></tr><tr><td>7</td><td>SHRINKAGE</td><td>%</td><td>< 0.5</td></tr><tr><td>8</td><td>Water Absorption</td><td>%</td><td>< 0.5</td></tr><tr><td>9</td><td>Water Absorption @ 100°C</td><td>%</td><td>< 0.5</td></tr></table>				#	Property	Unit	Value	1	Density	g/ccm	~1.3	2	Tensile Strength	N/cm	~1000	3	Impulse dielectric Strength	kV/mm	16	4	Relative permittivity	-	~3.4	5	Dielectric loss factor	%	~0.4	6	SHRINKAGE15 HR160 °C	%	≤ 2	7	SHRINKAGE	%	< 0.5	8	Water Absorption	%	< 0.5	9	Water Absorption @ 100°C	%	< 0.5
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8	Water Absorption	%	< 0.5																																										
9	Water Absorption @ 100°C	%	< 0.5																																										
2.1.2		Type of Fiber: Aramid / Kevlar or a combination of these fibers. The material shall be resistant against arced SF6.																																											
Page 1/3		PSGSG106.doc			Signature																																								

Contd..

PSGSG106		SPECIFICATIONS FOR Arcing Insulators	Drg.No.	RD DG 4 35 0617 0250
			Date	05.12.06
			Product	GSM-400
2.2	2.1.3	Manufacturing process: The fibers shall be wound and impregnated with hot curing epoxy resin in vacuum/ pressure. The casting shall be void free and shall achieve required electrical and mechanical properties. The epoxy used shall be compatible to arced SF6 gas.		
	2.1.4	The inside diameter of the tube shall be lined with (0.4-0.6mm) arc resistance material (compatible to arced SF6) to minimize the filament erosion by arced SF6.		
	2.1.5	The processed material shall have good Chemical resistance against organic and inorganic acids.		
	2.1.6	The shape of the tube shall be in accordance to the approved drawing.		
		<u>METAL INSERTS</u>		
	2.2.1	Profiled metal inserts as per approved drawing shall be machined using NC machining from mechanical grade aluminum alloy as per (DIN/BIS/IS standards).		
	2.2.2	The aluminum flanges shall be glued to the epoxy tube using a hot curing adhesive (compatible to arced SF6 gas) and joined as per the practices of the supplier.		
	2.2.3	The bonding between insulator and metal flanges shall be done without roll pins /threaded bolts/ cross bolts. The bonding shall not only withstand specified mechanical forces but also offer leak tightness for use in differential pressure application.		
		<u>FACTORY TEST</u>		
	3.0	3.1	Dimensional report	
	3.2	Mechanical load bearing capability (Tensile, 100 kN+ 10%)		
Page 2/3		PSGSG106.doc	Signature	

PSGSG106	SPECIFICATIONS FOR Arcing Insulators		Drg.No.	RD DG 4 35 0617 0240
			Date	05.12.06
			Product	GSM-400
4.0	<p><u>QUALIFYING REQUIREMENTS:</u></p> <p>The supplier shall be of national / International repute with proven record and should have supplied similar material for gas insulated system applications at least for last three years.</p>			
5.0	<p><u>GENERAL</u></p>			
5.1	Metal Flanges shall be free from sharp corners. Wherever not specified in the drawing, a radius of R 0.5mm shall be provided at unspecified corner/Edge.			
5.2	The components shall be packed individually in appropriate packing so as to prevent transit damages.			
5.3	The components shall be guaranteed against all manufacturing defects.			
5.4	In case of doubts in specifications, the supplier shall contact BHEL for clarifications.			
Page 3/3	PSGSG106.doc		Signature	

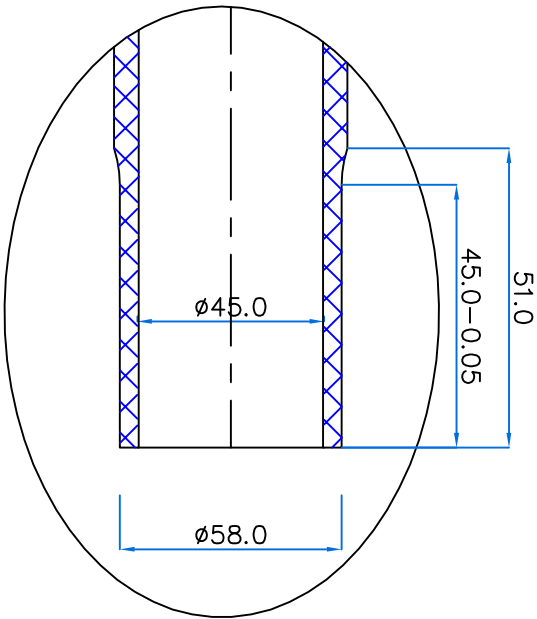
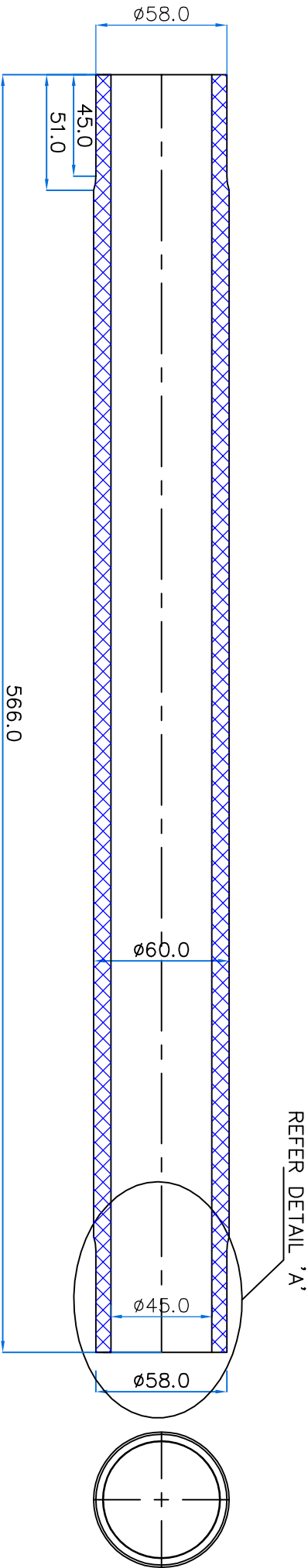
PSGSG109		SPECIFICATIONS FOR Pull Rod Assy.		Drg.No.	RD DG 4 35 0617 0230																																						
				Date	05.12.06																																						
				Product	GSM-400																																						
1.0		APPLICATION: Tubular insulator with metal flanges is a part of a high voltage, heavy duty switchgear. The component is intended for a 420 kV AC, 50 Hz System.																																									
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2.1.2		Type of Fiber: Aramid / Kevlar shall be used as fiber. The material shall be resistant against arced SF6 gas.																																									
Page 1/3		PSGSG109.doc			Signature																																						

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PSGSG109		SPECIFICATIONS FOR Pull Rod Assy.	Drg.No.	RD DG 4 35 0617 0230
			Date	05.12.06
			Product	GSM-400
2.2	2.1.3	Manufacturing process: The fibers shall be wound and impregnated with hot curing epoxy resin in vacuum/ pressure. The casting shall be void free and shall achieve required electrical and mechanical properties. The epoxy used shall be compatible to arced SF6 gas.		
	2.1.4	The processed material shall have good Chemical resistance against organic and inorganic acids.		
	2.1.5	The shape of the tube shall be in accordance to the approved drawing.		
		<u>METAL INSERTS</u>		
	2.2.1	Profiled metal inserts as per approved drawing shall be machined using NC machining from mechanical grade aluminum alloy as per (DIN/BIS/IS standards).		
	2.2.2	The aluminum flanges shall be glued to the epoxy tube using a hot curing adhesive (compatible to arced SF6 gas) and joined as per the practices of the supplier.		
3.0	2.2.3	The bonding between insulator and metal flanges shall be done without roll pins /threaded bolts/ cross bolts. The bonding shall not only withstand specified mechanical forces but also offer leak tightness for use in differential pressure application.		
		<u>FACTORY TEST</u>		
	3.1	Dimensional report.		
	3.2	Mechanical load bearing capability (Tensile, ~30 kN+ 10%) for the glued joints. The joint shall have an ultimate strength of ~50 kN .		
Page 2/3		PSGSG109.doc	Signature	

PSGSG109	SPECIFICATIONS FOR Pull Rod Assy.		Drg.No.	RD DG 4 35 0617 0230
			Date	05.12.06
			Product	GSM-400
4.0	<p><u>QUALIFYING REQUIREMENTS:</u></p> <p>The supplier shall be of national / International repute with proven record and should have supplied similar material for gas insulated system applications at least for last three years.</p>			
5.0	<p><u>GENERAL</u></p>			
5.1	Metal Flanges shall be free from sharp corners. Wherever not specified in the drawing, a radius of R 0.5mm shall be provided at unspecified corner/Edge.			
5.2	The components shall be packed individually in appropriate packing with moisture absorbents so as to prevent transit damages.			
5.3	The components shall be guaranteed against all manufacturing defects.			
5.4	In case of doubts in specifications, the supplier shall contact BHEL for clarifications.			
Page 3/3	PSGSG109.doc		Signature	

INVENTORY NO.	SIGN. AND DATE	REF. DRG. NO.
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FINAL ON 31/01/09

VAR.00	REMARKS	VAR. NO.	ITEM NO.	01	PES /KEYLAR TUBE	DESCRIPTION	DRAWING NO.	IT.NO.	MATL. CODE	MATL. SPECN.	VAR	ARMID/POLYESTER/KEYLAR FIBER	01	UNIT WT.	QTY.	ZONE
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TYPE OF PRODUCT
NAME OF CUSTOMER
GSM-400

DEPT. TOL. DIM. C/M/F
BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD


DRN KSRAD 26.12.05
CHK MMRAO 02.01.06
APPD HSLJAIN 02.01.06
REF. TO RD DG 4 35 0617 0230 1
ITEM NO. OF 01

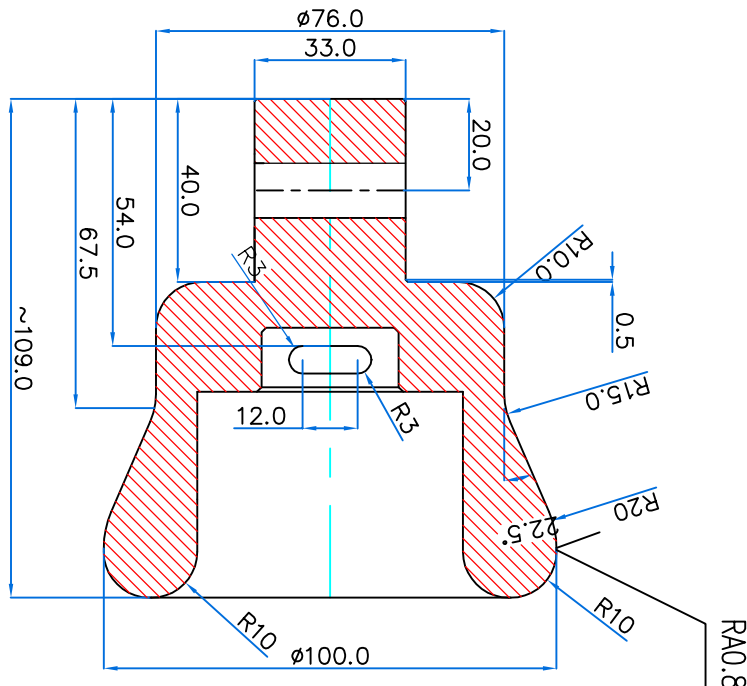
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ZONE		CHECKED	ZONE		CHECKED	INSULATOR	NTS			RD DG 4 35 0617 0231		

INVENTORY NO.

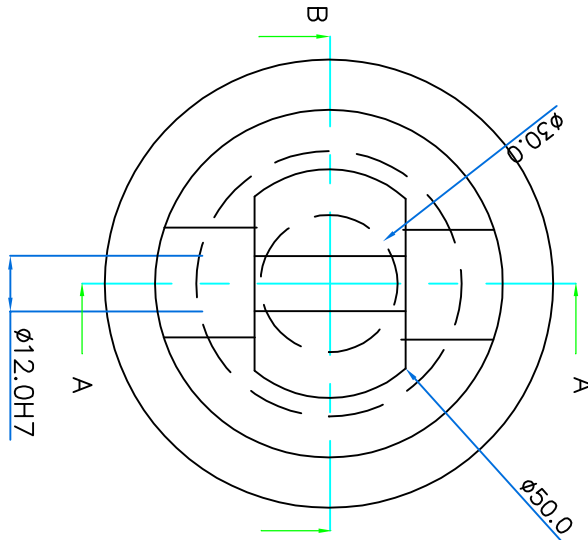


GSM-400

REV.	DATE	ALTERED	REV.	DATE	ALTERED	DEPT.	SCALE	WEIGHT(KG)	REF. TO	ITEM NO.	NO. OF ITEMS	REV.
		CHECKED			CHECKED	CODE	TOL. DIM. C/M / P		RD DG 4 35 0617 0230	1		
ZONE			ZONE			TITLE	NTS		DRAWING NO.			
						BOTTOM CAP			RD DG 4 35 0617 0232			
						CARD CODE			SHEET NO.	NO. OF SHEETS		



SECTION A-A



SECTION B-B

ALL SHARP EDGES SHALL BE MACHINED TO 0.5X45°.
PROFILED SURFACE SHALL BE FINE FINISHED TO RA0.8

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

REV.	DATE	ALTERED	REV.	DATE	ALTERED
ZONE		CHECKED	ZONE		CHECKED

TYPE OF PRODUCT		NAME OF CUSTOMER		GSM-400	
DEPT.		GRADE OF		SCALE	
CODE		C/M/F		NTS	
TITLE		CARD CODE		DRAWING NO.	
Top plug		RD DG 4 35 0617 0233		SHEET NO.	
				NO. OF SHEETS	

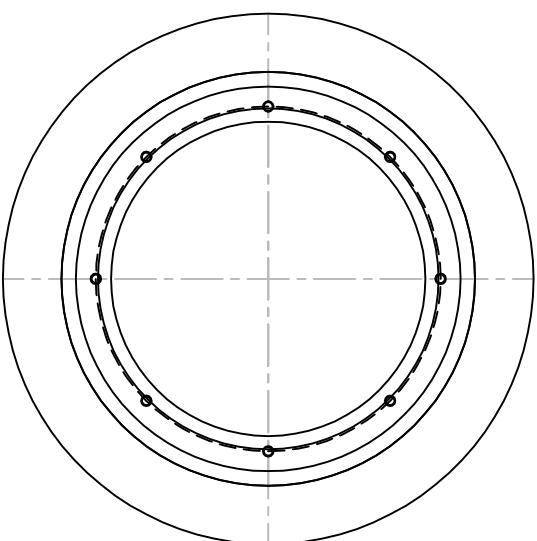
DRN	NAME	SIGN.	DATE	NO. OF
CXD	KSRRAO		26.12.05	VAR.
APPD	HSJAIN		02.01.06	
REF. TO				ITEM NO. OF
				1
				NO. OF
				ITEMS

VAR. NO.	REMARKS	VAR. NO.	REMARKS	VAR. NO.	REMARKS
01	Top plug	01	Top plug	01	Top plug

VAR. NO.	REMARKS	VAR. NO.	REMARKS	VAR. NO.	REMARKS
01	Top plug	01	Top plug	01	Top plug

VAR. NO.	REMARKS	VAR. NO.	REMARKS	VAR. NO.	REMARKS
01	Top plug	01	Top plug	01	Top plug

INVENTORY NO.	SIGN. AND DATE	REF. DRG. NO.
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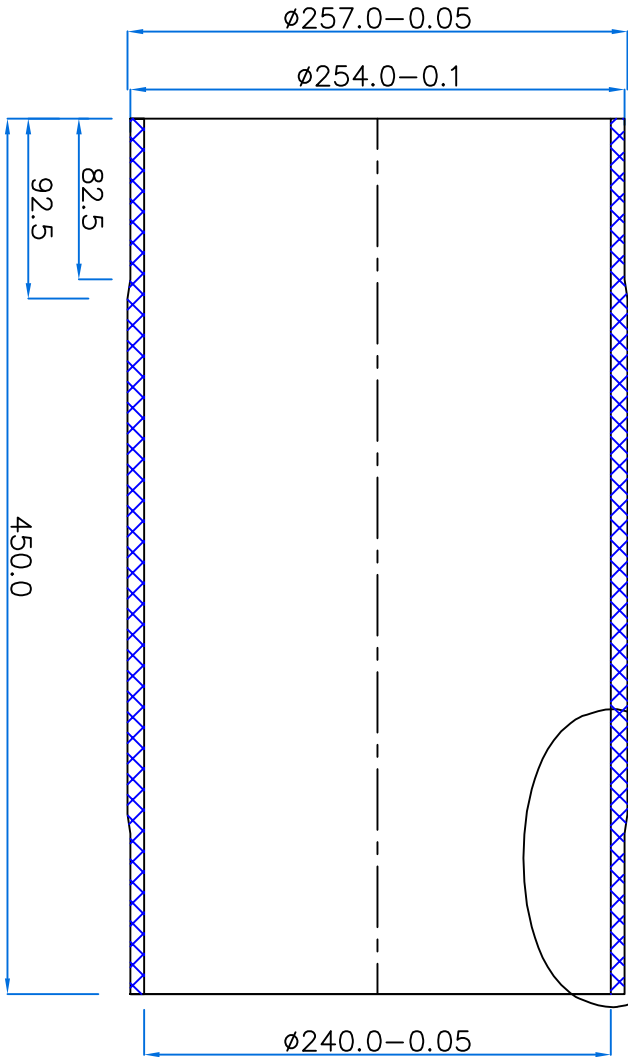
FINAL ON 09/02/09

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REF. TO	ITEM NO.	ITEM NO.
		CHECKED			CHECKED	RD DG 4 35 0617 0200	1	1
ZONE			ZONE					
			DEPT.	GRADE OF TOL. DIM.	SCALE	WEIGHT(KG)		
			CODE	C/M/F		NTS	45.0	KG
			TITLE			CARD CODE		
			ARCING INSULATOR			RD DG 4 35 0617 0250		
						DRAWING NO.		
						SHEET NO.		
						NO. OF SHEETS		
						REV.		

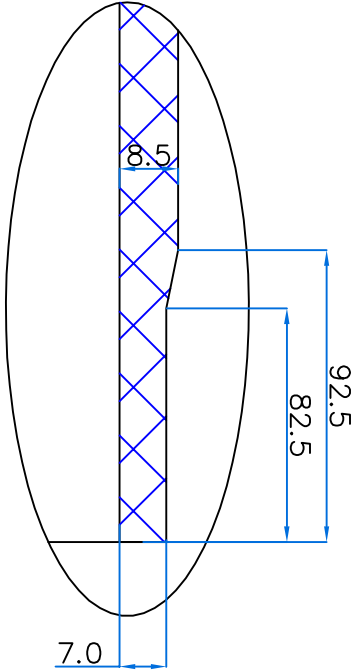
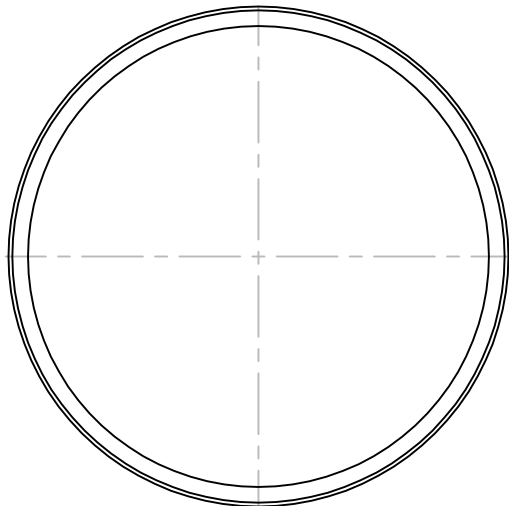


BHARAT HEAVY ELECTRICALS LTD
HYDERABAD

ARCING INSULATOR



REFER DETAIL 'A'



DETAIL 'A'

FINAL ON 09/02/09

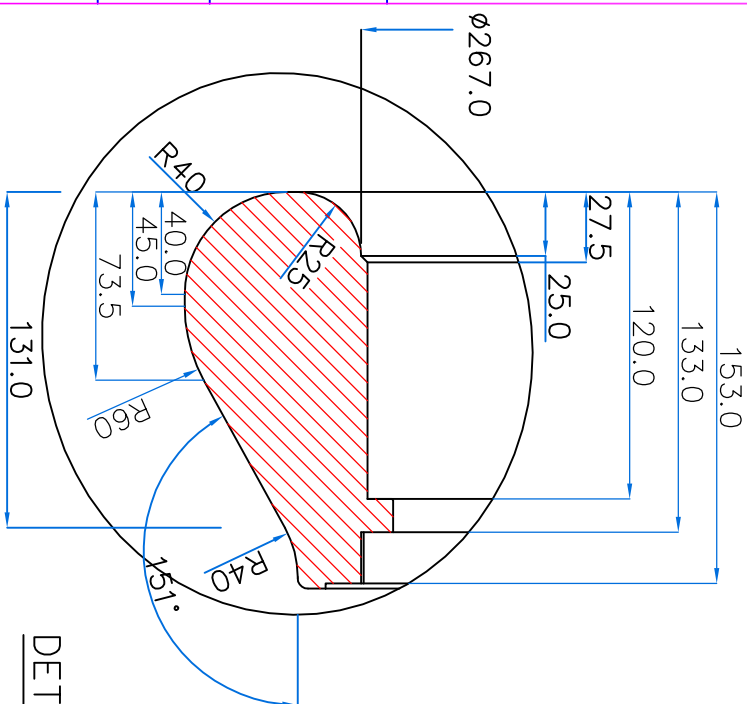
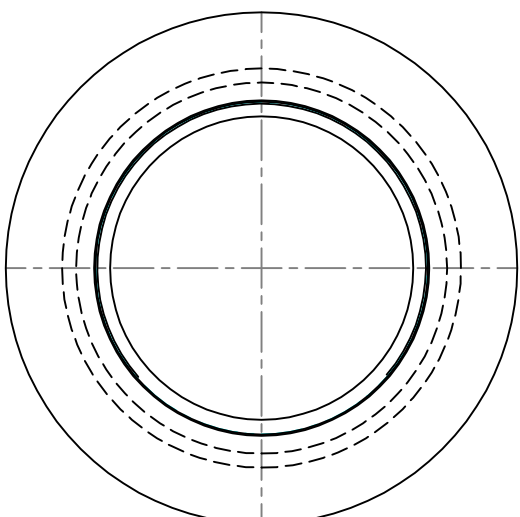
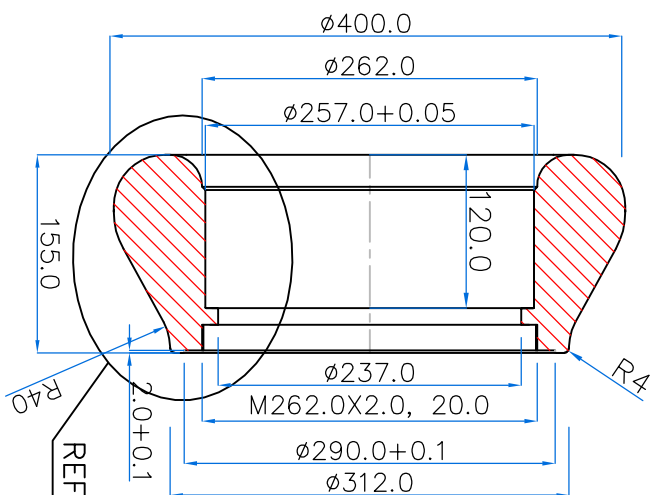
GSM-400

REV.	DATE	ALTERED	REV.	DATE	ALTERED
ZONE		CHECKED	ZONE		CHECKED

TYPE OF PRODUCT		NAME OF CUSTOMER		GRADE OF		SCALE		WEIGHT(KG)		CARD CODE		TITLE	
INSULATOR		BHARAT HEAVY ELECTRICALS LTD.		HYDERABAD		NTS		5.0		RD DG 4 35 0617 0250 1		INSULATOR	
VAR.00		REMARKS		VAR. NO.		ITEM NO.		DESCRIPTION		DST		DRAWING NO.	
01								INSULATOR		Ø257.0XØ237.0X450.0			
MATERIAL		MATERIAL		MATERIAL		MATERIAL		MATERIAL		MATERIAL		MATERIAL	
5.0 kg		01		UNIT WT.		QTY.		5		ZONE			
DATE		NO. OF		NAME		SIGN.		DATE		NO. OF			
26.12.05		VAR.		KSRRAO				02.01.06		ITEM			
02.01.06				MMRAO						NO. OF			
02.01.06				HSJAIN						REV.			

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.

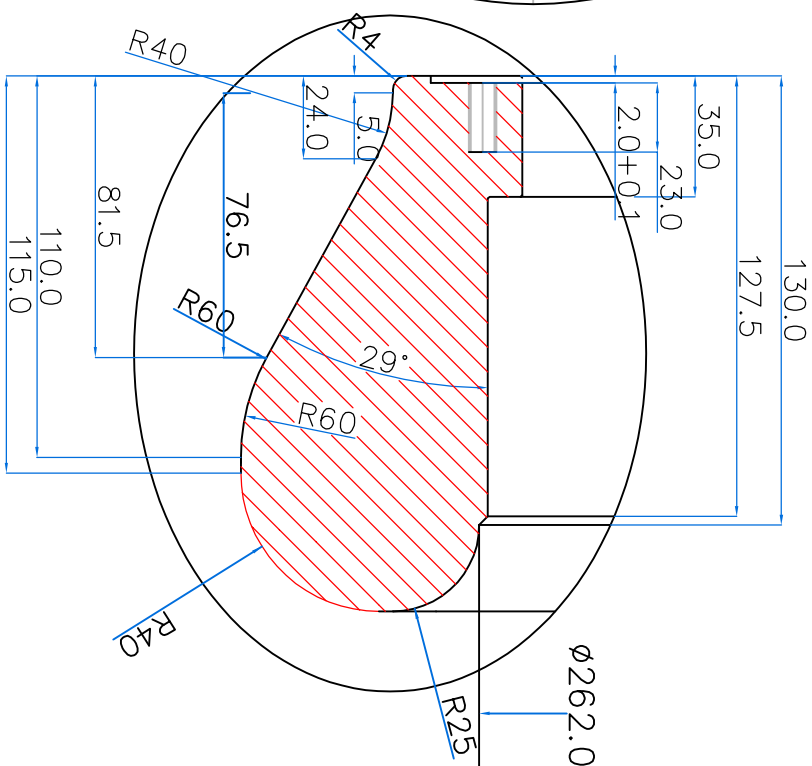
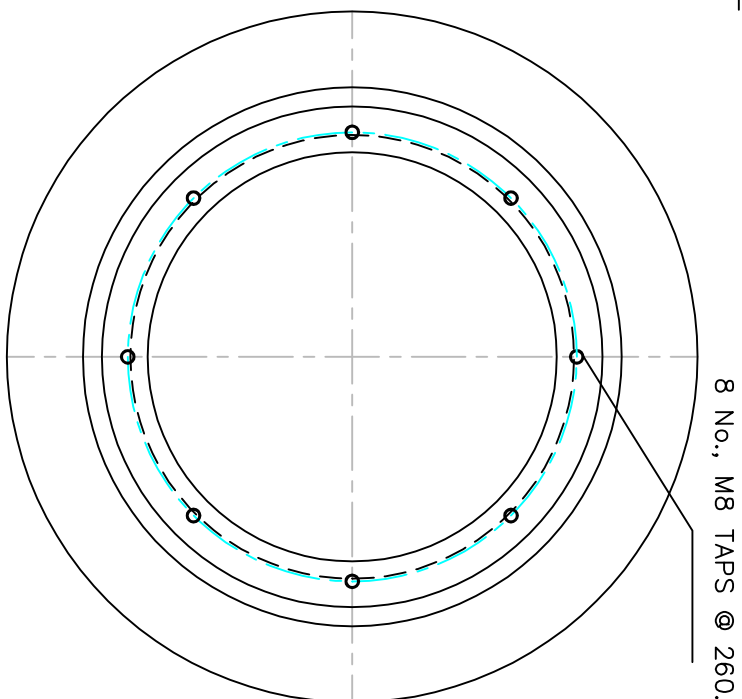
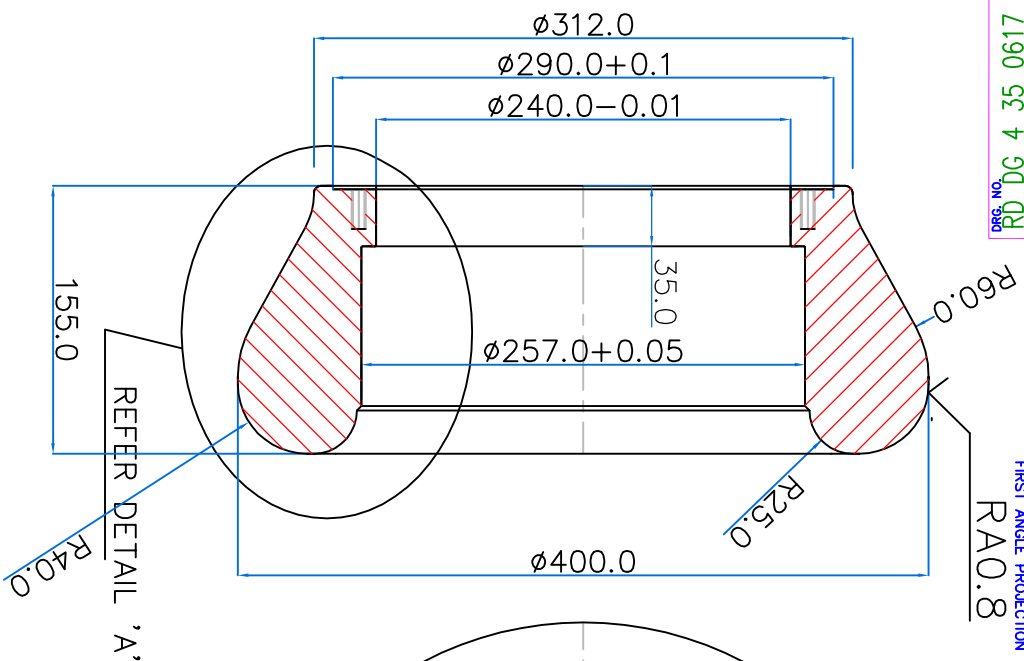
INVENTORY NO.	SIGN. AND DATE	REF. DRG. NO.
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DETAIL-'A'

ALL SHARP EDGES SHALL BE MACHINED TO 0.5X45°

[illegible][illegible]



DETAIL--'A'

ALL SHARP EDGES SHALL BE MACHINED TO 0.5X45°.
 PROFILED SURFACE SHALL BE FINE FINISHED TO RA0.8

FINAL ON 09/02/09

TYPE OF PRODUCT	GSM-400
NAME OF CUSTOMER	




BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

DRN	NAME	SIGN.	DATE	NO. OF VAR.
KSR	KSR		26.12.05	
MMR	MMR		02.01.06	
HS	HS		02.01.06	

[illegible]

REV.	DATE	ALTERED		REV.	DATE	ALTERED	
		CHECKED				CHECKED	
ZONE				ZONE			

DEPT.	GRADE OF TOL. DIM.	SCALE	WEIGHT(KG)	REF. TO	ITEM NO.	ITEM NAME
CODE		NTS	20.0	RD DG 4 35 0617 0250	1	
TITLE	CARD			DRAWING NO.	REV.	
FLANGE-II				RD DG 4 35 0617 0253		
SHEET NO.				NO. OF SHEETS		

AUTHORISATION LETTER FOR E-PAYMENT/ NEFT / RTGS

(PLEASE FILL UP THE FORM COMPLETELY IN CAPITAL LETTERS ONLY)

1	Type of Request (Tick One)	NEW / CHANGE
2	BHEL Vendor Code	
3	Company's Name	
4	Address	
5	City with Pin Code	
6	State	
7	PAN NUMBER	
8	Name of Contact Person	
9	Phone No with STD Code	
10	Fax No with STD Code	
11	Email Id	
12	Web Site (URL)	

BANK DETAILS FOR EFT / RTGS

1	Bank Name	
2	Branch	
3	Branch Code	
4	Address	
5	PHONE No.	
6	Account No.	
7	MICR/ IFSC Code	
8	Bank Swift Code	
8	NEFT/ RTGS enabled	Yes / No
10	Cancelled Cheque	Enclosed / Not Enclosed

1. I, as representative / owner of the above named company, hereby authorise BHEL R&D Hyderabad, to electronically make payments to the designated bank account. I hereby certify that the particulars given above are true, complete and correct.
2. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transferring Bank responsible.
3. This authority remains in full force until BHEL receives and acknowledge written notification requesting a change or cancellation.

Date:

Authorised Signatory
Designation :

COMPANY SEAL



BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE R&D DIVISION, VIKAS NAGAR, HYDERABAD – 500 093, AP, India
Ph: 0091-40 – 23778474, FAX: 0091-40 – 23770698

RD:MPX:F-20

General Terms and Conditions of Enquiry & Contract for the Purchase of Goods/ Services

1. The quotation and any order resulting from this enquiry shall be governed by these General Terms and Conditions of enquiry and contract for the supply of goods and the supplier quoting against this enquiry shall, unless specifically stipulates any different terms or conditions, be deemed to have read and agreed to the same.
2. Sealed quotations in double cover with tenderer's distinctive seal, superscribing enquiry number, date and due date are to be submitted so as to reach on or before due date & time, addressed to **Additional General Manager(MM) and Head, Bharat Heavy Electricals Limited, Corporate Research & Development Division, Vikasnagar, Hyderabad, Andhra Pradesh, India – PIN-500 093, India.**
In the case of **Two-part bid**, each inner cover shall clearly be labeled as a) **Technical & Commercial Bid** containing technical data/ drawings/ catalogues/ quality plans along with commercial terms and conditions & copy of the price bid with the price columns left blank (unpriced price bid), b) **Price bid** containing prices quotes. Installation and/or Commissioning charges shall be spelt out in absolutely lucid terms, taking into account total charges, rather than quoting vaguely, such as charges per man-day or charges per engineer per day etc. **If the price bid was found later to be different from the unpriced price bid in any way, the offer will be rejected summarily.**
3. **Tender/ Technical bid Opening:** Unless specified otherwise, tenders/ technical bids will be opened on appointed date and time as mentioned in the enquiry or as communicated changed date/time, if any, in the presence of such of those tenderers who may be present.
4. **Delayed/ Late Tender:** Tenders, which have been posted by registered post through the postal department in time before opening date but received after tender opening, shall be treated as regular tenders. Other tenders received after tender opening time shall be treated as late tenders and normally they may be rejected.
5. The Quotation should be free from overwriting and erasures. Corrections and additions, if any, must be attested. Supplier should indicate in the quotation dimensions (Size), weight, rate etc., in the metric system unless the enquiry calls for different unit.
6. **Validity of Quotation:** All quotations shall be kept open for acceptance for a period of ninety days from the date of opening of Tenders/ Technical bid and this shall be deemed to be an express condition of all quotations. The rate shall be quoted in both figures and in words.
7. In the case of Two-part bid, the vendor should furnish technical clarifications, if any, within stipulated time mentioned, failing which, it will be construed that the vendor is not interested in the tender and BHEL shall not consider the offer for further evaluation.
8. **Revision of Pricebid:** In the event of any bidder, after finalizing the technical specifications and scope of supply, opting to revise and submit their latest price bid, then BHEL reserves the right to open their original / previous price bid also while evaluating revised bid.
9. **Pricebid Opening:** Unless specified otherwise in the enquiry, the Price bids of technically qualified vendors shall be opened with prior intimation in the presence of such of those tenderers who may be present.
10. **Conformity to Specifications:** The material should be of the best quality and shall be conforming to our specification given in our enquiry. Unless otherwise agreed upon by BHEL, no payment shall be due by BHEL in respect of any sample. Offers without details of specifications/ applicable catalogues will not be considered and are liable to be rejected.
11. **Terms of Delivery:** All suppliers shall quote the lowest prices on ex-works and FOB/FCA basis. Foreign suppliers will also indicate their Indian agent's name and address with percentage of agency commission out of the quoted price, if any. Name and Address of the supplier's Bankers address should also be given. Indian suppliers for the indigenously manufactured/ imported stock shall quote on Ex-works /Free-on-Rail/Road /FOR-destination basis, indicating packing & forwarding charges, if any, separately.
12. **Taxes and Duties:** Unless specified otherwise in the enquiry, BHEL do not provide "C" or "D" Form as it is engaged in R&D. All Indian suppliers shall clearly mention current Sales Tax/ VAT, Excise Duty, and Service Tax etc, if any, payable in addition to the quoted price and indicate applicable rates/ percentage, item-wise clearly. It will be paid only if Registration Number under State(TIN)/ Central Sales Tax or Service Tax is specifically mentioned in the Bill/Invoice. Vendors without a Sales Tax/VAT registration and applicable Service Tax registration will not be considered.
13. **Insurance:** Insurance will be arranged by BHEL in case of Ex-Works as well as FOB basis supplies.
14. **Terms of Payment:** Full payment will be made within 30 days after receipt, inspection and acceptance of the material (and where involved, Erection and commissioning of the material/ equipment at BHEL/Destination) though Electronic Fund transfer (RTGS/NEFT/SEFT) with bank charges to the supplier's account. For foreign suppliers, the preferred payment term will be on Sight Draft basis and bank charges inside India will be to BHEL account and outside India will be to supplier's account.
15. Suppliers shall quote competitive price and best delivery for all the items mentioned in the enquiry. BHEL reserves the right to reject partial quotations and to place order on overall landed cost basis. Correct date of effecting supplies in the event of an order should be indicated in the offer. If the supplier's quoted terms are different from BHEL standard payment terms (Refer #14 above), interest @11% per annum (or as indicated in the enquiry) will be loaded to the quoted prices for difference of payment period.
16. **Packing:** The supplier shall be responsible for the goods being properly and adequately packed so as to prevent any loss, damage or deterioration during transit and indicate packing charges, if any, separately.
17. **Part/ Split Ordering:** BHEL reserves right to Order part of the item/ quantity of the enquiry and split the order among qualified vendors.
18. In case the goods enquired are on Rate Contract basis with any other unit of BHEL, such fact should be clearly indicated in the quotation giving full particulars of Rate Contract number, validity and price and also your willingness to comply with order if placed against such Rate Contract. A true copy of Rate contract signed by the supplier should be sent with the quotation.
19. **Inspection:** On receipt, the goods shall be subjected to inspection and also test, if necessary, and our decision regarding the acceptability of the goods shall be final and binding on the suppliers.
20. **Penalty for late delivery:** The time stipulated for delivery of goods shall be deemed to be the essence of the contract and delivery must be completed within the stipulated date/s. In the event of supplier's failure to supply the goods by the stipulated date/s, a penalty of ½% per week for the delayed no of weeks or part thereof for the undelivered portion of PO subject to a maximum of 10% of total order value shall be levied at the discretion of BHEL.
21. **Withdrawal from the Contract:** In case the supplier withdraws the quotation after its acceptance by BHEL or fails to supply the goods as per the terms and conditions of contract, or at any time repudiated the contract wholly or in part, BHEL shall be at liberty to cancel the Purchase Order and to recover from the supplier the extra cost and other loss, incidentals due to the breach of contract on the part of the supplier through risk purchase.
22. **Guarantee/ Warranty certificate and Manufacturer's Test report:** Invariably in all cases where it is so stipulated, the supplier should furnish Guarantee/ Warranty certificate valid for a period of 18 months from date of supply or 1 year from the date of receipt, acceptance and commissioning(or more, if provide by oem) whichever earlier and manufacturer's Test report along with the goods, failing which, BHEL shall have the right to reject the goods.
23. All ferrous/ non-ferrous items shall be colour coded as per bureau of Indian standards/ or IS standards/ BHEL Standards.
24. **Recovery of Dues:** BHEL shall recover any amount due from the supplier or any amount outstanding to the credit of the supplier with BHEL R&D unit or any other BHEL unit(s) and/or by legal action.
25. **Arbitration & Forum for Legal Proceedings:** All disputes arising in connection with indigenous/ foreign supplies shall be settled through arbitration held at Hyderabad, AP, India and arbitration shall be appointed by Arbitration Tribunal of the Federation of Andhra Pradesh Chambers of Commerce and Industry, Hyderabad, AP, India. The Courts at Secunderabad/ Hyderabad, AP, India shall have jurisdiction in respect of any suit or other legal proceeding arising from or relating to this contract

The rights and remedies of BHEL stated in these General terms and conditions shall be in addition and supplemental to its rights and remedies under law and custom or usage of trade or business and shall in no way be deemed to limit, curtail, supercede or derogate from its said rights and remedies.



RD:MPX:F-18

BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE R&D Division
Vikasnagar, Hyderabad, Andhra Pradesh, India – 500093.,

IMPORTED

Suppliers' compliance statement to basic conditions of enquiry (to be submitted along with Technical & Commercial bid)
Enquiry number: **Enquiry dt:**

(In case Order to be placed on the Principal and foreign currency)

Condition	BHEL R & D's terms	Supplier's compliance (indicate Yes/No. if 'No', state terms desired)
1. Validity of offer	90 days from the tender opening date (or as per enquiry)	
2. Delivery requirements	FCA – Nearest International Airport (or as indicated in the enquiry)	
3. Warranty	Unless specifically mentioned in the enquiry, all supplied items to be provided with warrantee for one year (or more, if provided by the OEM) from the date of acceptance/ commissioning. In case of equipment involving erection and commissioning, warrantee shall be for 18 months from the date of dispatch or 12 months from the date of commissioning, whichever is earlier	
4. Terms of payment	Sight draft. All bank charges inside India will be to BHEL R&D account and outside India will be to the supplier's account. Documents through State Bank of India, Trade Finance Central processing Cell (TFCPC), Opp. Anand Theatre, Secunderabad, Andhra Pradesh, India-500003. SWIFT Code: SBININBB602, Phone: 91-40-27816795, FAX: 91-40-27720459	
5. Agency commission	Pl specify Indian agency commission charges, if any, in percentage of quotation. The same shall be paid to the agency in Indian Currency only.	
6. Erection/ Commission	As per enquiry	
7. Documentation	As per enquiry	
8. Insurance	BHEL will arrange Insurance based on intimation to our Insurance agency. Address of the agency will be mentioned in the Purchase Order.	
9. Penalty for late delivery	0.5% per week beyond the delivery date on undelivered portion subject to a maximum of 10% of the total order value.	

* BHEL R&D reserves the right to reject any offer due to non-compliance with the above conditions and/or non-receipt of this form in duly filled condition

* Any other elements of cost in addition to the above may please be specified in detail

(Signature and Stamp/ Seal of Vendor)



RD:MPX:F-17

BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE R&D Division
Vikasnagar, Hyderabad – 500093, India.

Suppliers' compliance statement to basic conditions of enquiry (to be submitted along with Technical & Commercial bid)
Enquiry number:: **Enquiry date::**

(In case Order to be placed on Indian supplier in Indian currency)

Condition	BHEL R& D's terms	Supplier's compliance (indicate Yes/No. if 'No', state terms desired)
1) Validity of offer	Unless specifically mentioned in the enquiry, 90 days from the tender opening date	
2) Delivery requirements	Free delivery at our stores or FOR destination (or as indicated in the enquiry)	
3) Warranty	Unless specifically mentioned in the enquiry, all supplied items to be provided with warrantee for one year (or more, if provided by the OEM) from the date of acceptance/commissioning. In case of equipment involving erection and commissioning, warrantee shall be for 18 months from the date of despatch or 12 months from the date of commissioning, whichever is earlier	
4) Terms of payment	Unless specifically mentioned, full payment will be made within thirty days after receipt, inspection and acceptance of the material at BHEL R&D (and where involved, erection and commissioning of the material/equipment at BHEL/destination), by EFT/RTGS with bank charges, if any, to supplier's account.	
5) Taxes & Duties	Unless specifically mentioned in the enquiry, we do not provide 'C' or 'D' form. Supplier to specify rates of taxes and duties element wise and related percentages. Terms like "inclusive" or "extra" are not acceptable. Please mention "NIL" if taxes/ duties are exempted/ not applicable.	
6) Penalty for late delivery	0.5% per week beyond the delivery date on undelivered portion subject to a maximum of 10% of the total order value	

* BHEL R&D reserves the right to reject any offer due to non-compliance with the above conditions and/or non-receipt of this form in duly filled condition

* Any other elements of cost in addition to the above may please be specified in detail

(Signature and Stamp/Seal of Vendor)



RD:DP:MPX:F-14

BHARAT HEAVY ELECTRICALS LTD.
Corp. R&D DIVISION
VIKAS NAGAR,
HYDERABAD- 500 093 (INDIA)

SUPPLIER REGISTRATION FORM

(FOREIGN SUPPLIER)

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR.
WHEREVER IT IS NOT APPLICABLE PLEASE WRITE "NOT APPLICABLE".
INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED.

1.0 GENERAL INFORMATION:

1.1NAME OF COMPANY

1.2DETAILS OF HEAD OFFICE:

ADDRESS :
TELEPHONE :
FAX :
.EMAIL :
.WEB SITE :

1.3DETAILS OF FACTORY/WORKS:

ADDRESS :
TELEPHONE :
FAX :
.EMAIL :
.WEB SITE :

1.4DETAILS OF MARKETING AGENT

ADDRESS :
TELEPHONE :
.FAX :
.EMAIL :
.WEB SITE :

1.5 CHIEF EXECUTIVE

1.6 CONTACT PERSON(S)
FOR PRODUCT OFFERED
NAME(S)
OFFICIAL CPACITY
ADDRESS:
TELEPHONE
FAX
E-MAIL

1.7 YEAR OF ESTABLISHMENT

1.8 PRODUCTION CAPACITY PER ANNUM

1.9 PARTICULARS OF PRODUCT INCLUDING
SPECIFICATION AND RANGE OFFERED
FOR REGISTRTION
(ATTACH BROUCHERS AND CATALOGUE)

1.10 NAME(S) OF BANKERS

1.11 BANKER'S CERTIFICATE

1.12 PORT OF LOADING

1.13 NEAREST AIRPORT

1.14 NAME OF THE INDIAN AGENT, IF ANY
WITH AUTHORISATION LETTER

2.0 FINANCIAL INFORMATION

2.1 ...TOTAL CAPACITY

2.2 ...ANNUAL TURN OVER FOR LAST 3 YEARS

2.3 ...WHEHER CREDIT LICENSE ACCEPTABLE YES/NO

3.0 QUALITY MANAGEMENT SYSTEMS ENCLOSED FORMAT PART-B

3.1 EXPERIENCE LIST FOR SAME/SIMILAR ITEMS
TO BE ENCLOSED

4.0FUTURE EXPANSION PLANS: (GIVE DETAILS)

5.0 LIST OF ENCLOSURES: INCLUDING BROUCHERS, CATALOGUES, TECHNICAL LITERATURE ETC.

6.0 ANY OTHER INFORMATION

SIGNATURE OF SUPPLIER (AUTHORIZED SIGNATORY)

NAME

DESIGNATION

DATE

.....OFFICIAL SEAL

Note: Please attach separate sheets, if space found is inadequate



BHARAT HEAVY ELECTRICALS LTD.

Corp. R&D DIVISION

VIKAS NAGAR,

HYDERABAD- 500 093 (INDIA)

Ph: 040 – 23778474, Fax: 040 – 23770698, email: mpx@bhelrnd.co.in

RD:DP:MPX:F-13

VENDOR REGISTRATION FORM

(Indigenous supplier)

[FORM TO BE SUBMITTED* BY THE BIDDER ALONG WITH TECHNICAL-BID]

Before filling, please refer to instructions on page-4

1.0 VENDOR PROFILE:

1.1 Name and address of the vendor:

Phone Nos.:

Fax No.:

Email: 1.

2.

1.2 Local representative name & address in Hyderabad/ Secunderabad:

Phone Nos.:

Fax No.:

Email:

Contact person:

Mobile No.:

2.0. TYPE OF ORGANIZATION:

PROPRIETORSHIP	COMPANY	SISTER CONCERN (mention vendor registration number of main organization)	
PARTNERSHIP	CORPORATION	Small Scale Industry	ANY OTHER (Please specify)

In case of SSI unit, copy of registration to be enclosed.

3.0 ANNUAL TURN OVER:

#	Year	Turn-Over
1	Current Year(budgeted)	
2	Previous year (200 - 0)	
3	Prior Year (200 - 0)	

4.0 NAME AND ADDRESS OF THE BANKER:

1. Bank Name
2. Branch name
3. Account number
4. Account Type
5. MICR Code:
6. IFSC Code(RTGS/NEFT):
7. Bank Phone number(s),

Blank cheque, duly cancelled, to be enclosed.

Please note that all payments shall be made through Electronic clearance services to your above account against the orders executed, if any.

5.0 REGISTRATION PARTICULARS (relevant copies to be enclosed)

- 5.1 IT Permanent Account No.(PAN):
- 5.2 State sales tax/VAT Registration No.:
- 5.3 Central Sales Tax Registration No.
- 5.4 ED Registration No.
- 5.5 Service Tax Registration No.:
- 5.6 PF Account No.:
- 5.7 Labour Licence No.:
- 5.8 ESI Account No.:

6.0 CONTACT PERSON: S/Sri

Designation:::

Phone/ Mobile No. :

7.0 TOTAL NUMBER OF EMPLOYEES:

Graduates (Engr./Scientists/ Mgmt/Fin.)	Consultants	Workers		
		Sup./Skilled	Semiskilled	Unskilled

8.0 WISH TO REGISTER FOR SUPPLIES/SERVICES:

#	Service/Supplies	Capacity
1		
2		
3		
4		
5		
6		
7		

9.0 REFERENCE LIST :

(Only recognized public and private sector companies, attach if printed copy available)

#	Customer	Volume / Year
1		
2		
3		
4		
5		
6		
7		

10.0 INFRASTRUCTURE / FACILITIES:

#	Facility (with specifications)	Age/ Year procured
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

11.0 REGISTRATION WITH OTHER BHEL UNIT/UNITS:

#	Unit	Registration No.	Year
1			
2			
3			
4			

12.0 ANY OTHER INFORMATION :

DECLARATION:

The information furnished above is true and authentic.

(CEO / PROPRIETOR)

SEAL:

DATE:

The competent authority reserves the right to accept or reject the registration. Registered vendors will be informed by mail / email, as convenient. Contact AGM (MM) for clarification/ additional information on registration.

A separate communication will be sent to you in case of non-registration, citing reasons thereof.

Instructions

1. Answer all items; use NA for items not applicable.
2. BHEL units do not require this registration.
3. Use additional sheets for want of space if required.
4. Attach copies of latest documents in respect of items 5.0 (Registration no.s)
5. Photographs of registered office and the chief executive/proprietor shall be furnished.
6. Use A4 sheets for this document and the enclosures.

* REGISTERED BIDDERS, HAVING BHEL (R&D) REGISTRATION NO. OR HAVE SUBMITTED THIS FORMAT FOR REGISTRATION, NEED NOT FURNISH THIS INFORMATION AGAIN