



**Expression of Interest (EOI) for supplying
TPU seal for traction application**

Traction Machines Engg. Division

Ref: TME/EOI/TPU SEAL/01

Date: 03/11/2020

**EXPRESSION OF INTEREST (EOI) FOR SUPPLYING THERMO PLASTIC
URETHANE (TPU) SEAL FOR TRACTION APPLICATION**

Dear Sir,

BHEL invites Expression of Interest (EOI) from established manufacturers, for supplying TPU seal for traction application, to BHEL Bhopal.

The annual expected requirement of the TPU seal in near future is approx. 500 nos.

The interested vendors may submit their application as per Annexure-A, compliance of technical PQR and supporting documents through email within 90 days of the EOI publication date. Technical Pre-Qualification requirement (PQR) criteria for "TPU Seal for Traction application" is attached as Annexure-B.

Interested vendors may submit above-mentioned documents to following BHEL Bhopal representative through email:

Anurag Sharma
Manager/ TME
BHEL Bhopal
Piplani-462021 (MP), India

Ph.: +91-755-250-2021

Email: 1) a_sharma@bhel.in
2) mohitparothia@bhel.in



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ANNEXURE A

Information to be submitted by vendor along with offer

1. Name of the Company:
2. Legal status of the Company:
3. Brief description of the Company including details of its business groups/subsidiaries/affiliates:
4. Date of Incorporation:
5. Date of Commencement of Business:
6. Full address including Telephone nos. / Fax nos.:

Registered Office:

Head Office:

Address for communication:

Contact Details:

Office Address in India, if any:

7. Documents to be enclosed:
 - a) Technical Credentials – Relevant Product/System catalogues, Experience /Reference List, Copies of Customer Certificates, Engineering strengths, quality accreditations, etc.
 - b) Financial Credentials – Copies of Audited Financial statements (Annual Reports) for last 3 years, Credit Rating, Market share (Domestic/International), Segmental Revenue in the applied category (ies).
 - c) Documents required as per Pre-Qualification requirement (PQR)

(Sign & Company Seal)
Authorized signatory



(For uploading)

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ANNEXURE B

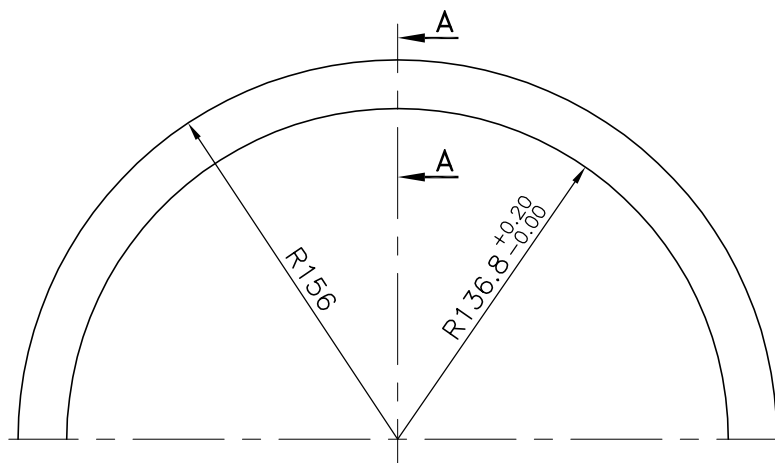
**Vendor to comply following technical requirements and provide necessary
documents for consideration of its offer:**

Cl. No.	Description	Vendor to comment	
		Complied / Not complied	Supporting relevant document to be submitted
1.	Vendor shall supply TPU seal as per drawing no. 44391680002 Rev.01 & 44391680003 Rev.01 without any deviation.	Yes/No	Not Required
2.	Vendor should have experience of manufacturing of any component similar to TPU seal made from Polyurethane (sealing grade) of M/s Bayer Material Science.	Yes/No	a. Priced/Un-priced PO copies. b. Drawing or photograph of component. c. Material test certificate. d. Supply proof (invoice). (Supplier to ensure that experience proof submitted for b) & c) shall correlate with the submitted P.O. copy)

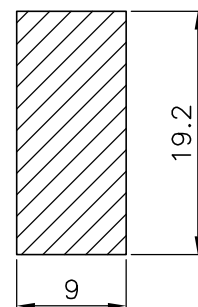
(Seal and sign of Supplier's representative)

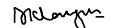
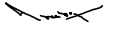
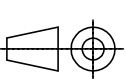
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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	
		APPROVED			APPROVED	
			01	22.03.12		
			3-HOLES Ø4.5 WAS ON.			STATUS OF DRAWING
						DISTRIBUTION TME-1, TNX-1, OF PRINTS TXM-3

**NOTES:-**

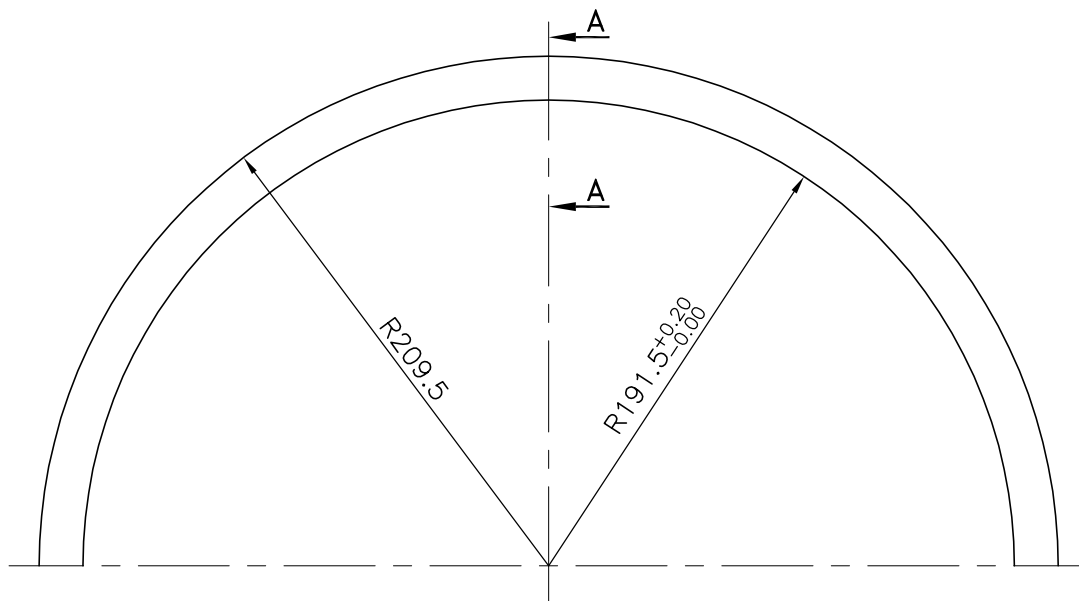
1. HALF WIPER RING TO BE USED IN TOP AND BOTTOM HALF GEAR CASE IN PLACE OF PTFE (SEALS) WIPERS.
2. HALF WIPER RING TPU (THERMO PLASTIC URETHANE) SHALL BE MADE OF POLYURETHANE (SEALING GRADE) OF M/S BAYER MATERIAL SCIENCE.

**SECTION-AA**

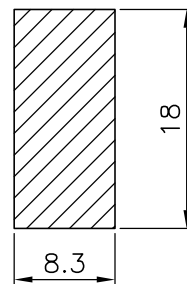
REF. DRG. NO.		001	HALF WIPER RING (TPU) 9 THK.						
	REMARKS	ITEM NO.	DESCRIPTION	STD	MATL. CODE		A C	UNIT	UNIT WT.
					MATL. SPECN.				QTY.
	CARD TYPE 3 ——— 28		28 ——— CARD TYPE 1		28 ———		CARD TYPE 2		
SIGN. & DATE		BHARAT HEAVY ELECTRICALS LTD. BHOPAL				NAME	SIGN	DATE	NO.OF VAR.
					DRN.	S.D.BHAGAT		04/04/11	
					CKD.	D.K.		04/04/11	
					APPD.	A.S.		04/04/11	
INVENTORY NO.	DEPT.	UNTOL. DIMS. GR.		SCALE	WEIGHT(KG)	REF.TO ASSY.DRG. 0 439 16 80 002 0 439 16 80 001		ITEM NO. 010 010	NO.OF ITEM
	TME								
	CODE	405	TITLE				DRAWING NO.		REV
			HALF WIPER RING (TPU) WHEEL END				4 439 16 80 002		01
			TM4303 BY/DY				SHT.NO 01	NO.OF.SHT. 01	

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REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED	01	22.03.12	CHECKED	
		APPROVED			APPROVED	
			3-HOLES Ø4 WAS ON.			STATUS OF DRAWING
						DISTRIBUTION TME-1, TNX-1, OF PRINTS TXM-3

**NOTES:-**

1. HALF WIPER RING TO BE USED IN TOP AND BOTTOM HALF GEAR CASE IN PLACE OF PTFE (SEALS) WIPERS.
2. HALF WIPER RING TPU (THERMO PLASTIC URETHANE) SHALL BE MADE OF POLYURETHANE (SEALING GRADE) OF M/S BAYER MATERIAL SCIENCE.

**SECTION-AA**

	001	HALF WIPER RING (TPU) 8.3 THK.					
REMARKS	ITEM NO.	DESCRIPTION	STD	MATL. CODE	A/C	UNIT	UNIT WT.
				MATL. SPECN.			QTY.
CARD TYPE 3	28	28	CARD TYPE 1	28	CARD TYPE 2		



BHARAT HEAVY ELECTRICALS LTD.
BHOPAL

NAME	SIGN	DATE	NO.OF VAR.
DRN. S.D.BHAGAT	<i>[Signature]</i>	04/04/11	
CKD. D.K.	<i>[Signature]</i>	04/04/11	
APPD. A.S.	<i>[Signature]</i>	04/04/11	

DEPT.	UNTOL. DIMS. GR.	SCALE	WEIGHT(KG)	REF.TO ASSY.DRG.	ITEM NO.	NO.OF ITEM
TME		N.T.S.		0 439 16 80 002	009	
CODE				0 439 16 80 001	009	001
405						
TITLE	HALF WIPER RING (TPU) MOTOR END TM4303 BY/DY			DRAWING NO.	REV	
				4 439 16 80 003	01	
				SHT.NO 01	NO.OF.SHT. 01	