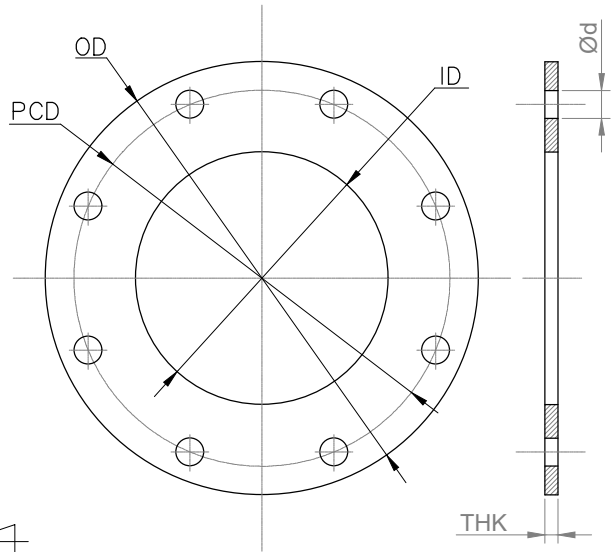


CAUTION: The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.

REV	DATE	ALTERED
		CHECKED



RUBBER GASKET


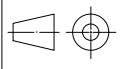
NOTES ALL DIMENSIONS ARE IN MILLIMETRES

- 1. MATERIAL: 100% NEOPRENE RUBBER HAVING SHORE 'A' HARDNESS OF 60±5.
- 2. OPERATING TEMP. OF FLUID SHALL BE 30° C TO 75° C.
- 3. GASKET BOLT HOLES ARE TO BE DRILLED AS PER ASME B16.5 #150, AWWA C207 Cl. D, AWWA C207 Cl. B, PN 6, PN10.


DIMENSION DETAILS

ITEM NO	FLG SIZE	OD (mm)	ID (mm)	PCD (mm)	HOLE DIA (mm)	HOLE (Nos)	THK (mm)	DRILLING STD
1	NB25	110	34.5	80	16	4	4	ASME B16.5 CL 150
2	NB40	125	50	98.4	16	4	4	ASME B16.5 CL 150
3	NB50	150	62	121	19	4	4	ASME B16.5 CL 150
4	NB65	180	74.6	140	19	4	4	ASME B16.5 CL 150
5	NB80	190	90.7	153	19	4	4	ASME B16.5 CL 150
6	NB100	225	116	190.5	19	8	4	AWAA C207 Class D
7	NB125	250	144	215.9	22	8	4	AWAA C207 Class D
8	NB150	280	171	241.3	22	8	4	AWAA C207 Class D
9	NB200	340	221.5	298.5	22	8	4	AWAA C207 Class D
10	NB250	405	276	362	26	12	4	AWAA C207 Class D
11	NB300	480	327	431.8	26	12	4	AWAA C207 Class D
12	NB350	530	360	476.3	29	12	4	AWAA C207 Class D
13	NB400	595	411	539.8	29	16	4	AWAA C207 Class D
14	NB400	540	411	495	22	16	4	PN6
15	NB400	565	411	515	26	16	4	PN10
16	NB450	635	462	578	32	16	4	AWAA C207 Class D
17	NB500	695	513	635	32	20	4	AWAA C207 Class D
18	NB550	750	564	692	35	20	4	AWAA C207 Class B
19	NB600	810	615	750	35	20	4	AWAA C207 Class B
20	NB700	925	716	864	35	28	4	AWAA C207 Class B
21	NB800	1060	818	978	41	28	4	AWAA C207 Class B
22	NB850	1110	868	1028.7	41	32	4	AWAA C207 Class B
23	NB900	1170	919	1086	41	32	4	AWAA C207 Class B
24	NB1000	1290	1021	1200	41	36	4	AWAA C207 Class B
25	NB1200	1510	1224	1422	41	44	4	AWAA C207 Class B
26	NB1300	1625	1326	1537	48	44	4	AWAA C207 Class B
27	NB1400	1740	1428	1651	48	44	4	AWAA C207 Class B
28	NB1500	1850	1528	1759	48	52	4	AWAA C207 Class B
29	NB1600	1965	1630	1867	48	52	4	AWAA C207 Class B
30	NB1700	2080	1732	1981	48	60	4	AWAA C207 Class B
31	NB1800	2195	1834	2096	48	60	4	AWAA C207 Class B
32	NB1900	2310	1935	2210	54	60	4	AWAA C207 Class B
33	NB2000	2425	2037	2318	54	64	4	AWAA C207 Class B

FOR TENDER PURPOSE ONLY

	BHARAT HEAVY ELECTRICALS LTD.,		DRN	NAME	SIGN	DATE	NO. OF VAR	
	UNIT: BOILER AUXILIARIES PLANT.		CHD	DHEERAJ KUMAR	---	26.04.2022		
	RANIPET - 632 406.		APPD	P KONDAPANAIDU	---	27.04.2022		
DEPT WS	GRADE OF UNTOL.DIM		SCALE	WEIGHT (KG).	REF. TO ASSY./OLD DRG.		ITEM NO.	NO. OF ITEMS
CODE 9776	PR: QA: 500		NTS	----				
TITLE			CARD CODE	DRAWING NO.				REV
NEOPRENE RUBBER GASKETS			U 01	4-FW-000-01512				



 <b>MANUFACTURER'S NAME &amp; ADDRESS</b> BHEL/ BHEL APPROVED SOURCE Ranipet		<b>STANDARD QUALITY PLAN</b> <b>ITEM: NEOPRENE GASKETS</b> <b>QP. NO.: GASKET :749</b> <b>Rev No. :01</b> <b>Date: 11.12.2020</b> <b>Page 1 of 2</b>				<b>PROJECT: AS PER PO.</b>									
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency			REMARKS	
1	2	3	4	5	M	B/C	6	7	8	9	D	M	B	C	10

### 1.0 RAW MATERIALS

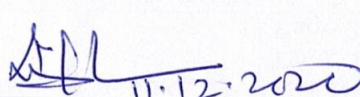
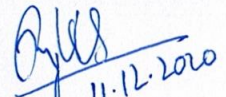

1.1	Polymer Identification on Neoprene	Determination of Rubber Polymer	Major	Visual & Measurement	1 Sample / Batch	1 Sample / Batch	ASTM D297:2015 /Latest	ASTM D297:2015 /Latest	TC	√	P	V	-	
1.2	Neoprene Rubber after compounding	Tensile Strength and Elongation	Major	Measurement	1 Sample / Batch		Relevant standard.	Spec/Datasheet/ Relevant std.	TC	√	P	V	-	

### 2.0 INPROCESS CONTROL


2.1	Building of Re-Joints & Vulcanizing	Dimension of Die Moulding	Major	Measurement	100%	100%	Relevant standard.	Approved Spec. / Relevant Std	Report	√	P	V	-	
		Curing time & Temperature	Major	Perusal of Curing Chart	100%	100%	Relevant standard.	Manufacturer Plant Procedure	Curing Chart	-	P	V	-	
2.2	Shore Hardness	Hardness	Major	Measurement	1 Sample / Batch		Relevant standard.	60+/-5 Shore A	TC	√	P	V	-	Refer Drg for Details.

### 3.0 FINAL INSPECTION

3.1	Rubber Gasket	Dimension, Workmanship, Finish & Appearance	Major	Visual & Measurement	100%	100%	D1330/ Material Specification	Drawing/ Material Specification	Report	√	P	W	-	
3.2	Identification, Packing & Preservations	Visual	Major	Visual	100%	100%	P.O. / Material Specification	P.O. / Material Specification	COC	-	P	V	-	

M – Manufacturer / Subcontractor, B - BHEL /BHEL Authorized Inspection Agency, C – Customer/ Customer Authorized Inspection Agency, P - perform, V - Verification of reports W - Witness, TC - Test certificate "D" – Record, identified with tick (√) shall be essentially included by Supplier in QA documentation. COC- Certificate of Conformance	Prepared by	Reviewed by	Approved by
	 11.12.2020	 11.12.2020	 For
	Rakesh Kr Madhu (Dy Manager/ QA)	K Renjith (Manager/ QA)	R Arunachalam(Dy.GM/ QA)



 <b>MANUFACTURER'S NAME &amp; ADDRESS</b> BHEL/ BHEL APPROVED SOURCE Ranipet		<b>STANDARD QUALITY PLAN</b>				PROJECT: AS PER PO.									
		<b>ITEM: NEOPRENE GASKETS</b>		<b>QP. NO.: GASKET :749</b> <b>Rev No. :01</b> <b>Date: 11.12.2020</b> <b>Page 2 of 2</b>											
SL NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency			REMARKS	
					6							M	B	C	
1	2	3	4	5	M	B/C	7	8	9	D	**10			11	

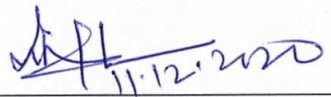
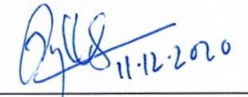

**Note:**

1. Materials shall be procured in compliance to Functional Technical Specification/Drawing.
2. Gauges and measuring Instruments, with valid calibration only shall be used
3. Finished Products shall be packed to comply with approved Packing Schedule..
4. Curing Chart to be supplied with Manufacturers test certificate (MTC) only.
5. All the inspection report as per P.O. shall be submitted to BHEL for Review and record purpose.

**\*\* This QP Shall be read along with relevant P.O. and BHEL Drawing/Specification.**

**Record of revision**

Rev no	Date	description
00	14.03.2020	Original Issue
01	11.12.2020	Reviewed and totally revised

M – Manufacturer / Subcontractor, B - BHEL /BHEL Authorized Inspection Agency, C – Customer/ Customer Authorized Inspection Agency, P - perform, V - Verification of reports W - Witness, TC - Test certificate "D" – Record, identified with tick (√) shall be essentially included by Supplier in QA documentation. COC- Certificate of Conformance	Prepared by	Reviewed by	Approved by
	 11.12.2020	 11.12.2020	 11.12.2020
	Rakesh Kr Madhu (Dy Manager/ QA)	K Renjith (Manager/ QA)	R Arunachalam(Dy.GM/ QA)

**BHARAT HEAVY ELECTRICALS LIMITED****RANIPET – 632 406****QUALITY ASSURANCE (MECHANICAL)**

BAP:QA:MECH: 283

26.05.2022

Item Name	Indent No.	Indent Date	Work Order	PGMA	Technical Specification
Neoprene Rubber Gaskets	RFW21660	27/04/2022	G607	FW867	As per indent specification

Quality requirements are given below:

1. Physical inspection at manufacturer work applicable by BHEL / BHEL TPI as per QP No. GASKET:749, Rev. 01 dated 11.12.2020 for Neoprene Gasket and endorsement from vendor to be obtained.
2. All the items shall be inspected at manufacturer works as per BHEL approved QP, Drawing, approved data sheet and relevant standard. The supplier shall inform BHEL in advance about the readiness of the goods for inspection and testing. Material test certificates / Inspection reports as per approved quality plan shall be submitted to BHEL.
3. BHEL approved vendor list is applicable.
4. Packing of the items shall be as per BHEL Engineering approved packing drawing / data sheet / specification / packing procedure.
5. Annexure-Q shall be a part of the enquiry file and shall be filled by supplier with their duly sign and seal.
6. Vendor shall confirm following for inspection purpose.
  - a. Latest version of standards & Specification shall be applied
  - b. Materials shall be procured in compliance to Functional Technical Specification.
  - c. Gauges and measuring instruments with valid calibration only shall be used.
  - d. BHEL /BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO.
  - e. Inspection / Inspection waiver / approval by BHEL do not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
  - f. In case of Vendor Drawing & Datasheet, it needs approval by BHEL Engineering.
  - g. QP shall be read along with relevant PO, BHEL drawing and approved data sheet.

Renjith K  
Manager / QA (Mechanical)

Annexure to Enquiry no:		Date
Sl.No	BHEL / Customer Requirement	##Specific confirmations by the manufacture
1	<b>Quality Plan Requirement:</b>	
1a	MQP (Manufacturing Quality Plan) shall be submitted in attached format for BHEL/Customer review & approval. Typical MQP is attached for indicative purposes for guidance & use.	
1b	MQP shall invariably cover w.r.t Inward inspection including on Raw material Procurement, In process and Final inspection in elaborated way/details.	
1c	Bidder shall also to give specific confirmation that on need basis, their competent officials shall visit to BHEL/customer for finalization of Quality plan including test procedure/methodology during preaward / post award approval / detailed engineering in the event of an order.	
1d	No deviation on BHEL/Customer approved MQP is acceptable.	
1e	Bidder shall agree to submit all cross referred documents other than codes/standards to BHEL/Customer/Consultant.	
2	<b>Important Notes shall be included in MQP :</b> (a) Latest revision of Standards & Specification shall apply. Only International Standards are applicable. Indian & Chinese Standards are not applicable. (b) Materials shall be procured in compliance to Functional Technical Specification. (c) Inspection shall be in compliance with Approved Quality Control Procedure for the Product. (d) NDT shall be carried out by Qualified Personnel with compliance to Approved NDT Procedures and Acceptance Norms, as per ASME Section V. (e) Gauges and measuring Instruments, with valid calibration only shall be used. (f) Cleaning and Painting of products shall be carried out as per Approved Painting Schedule. (g) Finished Products shall be packed to comply with Approved Packing Schedule. (h) Welding shall be carried out by Qualified Personnel with compliance to Approved NDT Procedures and Acceptance Norms, as per ASME Section V.	
3	<b>Domestic / Inland Inspection</b> will be carried out by BHEL/BHEL appointed Third Party Inspection Agency (TPIA) / Customer/Customer Appointed Inspection Agency/Consultant. This is applicable for all Stage inspection and Final Inspection identified as "W" - Witness or "CHP" - Customer Hold Point as per customer approved Quality Plan/ Technical specification / Approved Drawing/ Approved Data sheet / Scheme / PID / PFD / SLD (Process Instrumentation Diagram / Process Flow Diagram / Single Line Diagram) etc (As applicable). <b>"The inspection charges at actuals incurred by BHEL will be loaded to compare with foreign suppliers".</b>	
4	<b>Inspection Agency for Foreign Bidders and also for Indian Bidder but importing from Foreign Sources:</b> (1) Any one of the following Third Party Inspection Agency (TPIA) shall be appointed by the bidder and same shall be furnished by the bidder in techno commercial bid itself. (2) The details of TPIA with contact details like Name of the official, Phone no, Email id shall also to be submitted during pre/post award. However <b>cost for such inspection agency shall be borne by the bidder only. Inspection charges for such inspection agency shall be indicated separately so that if BHEL/Customer is undertaking the inspection by on their own , then these charges non claimable by the bidder.</b> <b>List of TPIA</b> (1). M/s Bureau Veritas, (2). M/s TUV-Nord, (3). M/s TUV-SUD, (4). M/s TUV Rheinland, (5). M/s Lloyds Register, (6). M/s SGS, (7). M/s Germanischer Lloyd, (8). M/s QUEST, (9). M/s Certification Engineers International, (10). M/s Intertek, (11). M/s IR Class Systems and Solutions, (12). M/s DNV, (13). M/s Fichtner, (14). M/s ABS Inspection Services.	
5	<b>Stage Inspection during manufacturing Process :</b> Stage Inspection during manufacturing shall be carried out as per approved quality plan and all necessary documents shall be provided for review, verification and clearance for further processing. This inspection call shall be given well in advance (atleast 2 weeks before) to TPI/Bidder's own inspection agency to avoid delay in the manufacturing processes.	
6	<b>Inspection before despatch for domestic supplier :</b> Inspection before despatch at supplier's works shall be carried out by BHEL/BHEL appointed Inspection agency. Inspection shall be done as per approved Quality plan/ Technical specification/ Approved Drawing/ Approved Data sheet .	

Sl.No	BHEL / Customer Requirement	##Specific confirmations by the manufacture
7	<b>Inspection at Foreign Source/Supplier:</b> (a) As in sl no: 3. shall be ensured without fail, (b) No materail / items shall be despatched without getting the written communication from BHEL / Customer inspection carried out by BHEL/BHEL apointed Third Party Inspection Agency (TPIA) / Customer/Customer Apointed Inspection Agency/Consulatnat. This is applicable for all Stage inspection and Final Inspection identified as "W" - Witness or "CHP" - Customer Hold Point as per customer approved Quality Plan/ Technical specification / Approved Drawing/ Approved Data sheet / Scheme / PID / PFD / SLD (Process Instrumentaion Diagram / Process Flow Diagram / Single Line Diagram) etc (As applicable). (c) Inspection before despatch at supplier's works shall be carried out by bidder appointed inspection agencies having international presence at vendors and or vendor's sub vendor works. Inspection shall be done as per approved Quality plan/ Technical specification/ Approved Drawing/ Approved Data sheet by TPIA mentioned in Sl no: 03 at supplier's cost.	
8	<b>Painting</b> shall be done strictly as per BHEL/Customer approved painting schedule / scheme only. Paint Thickness / Paint shade shall be ensured as per BHEL / Customer approved painting schedule / specification / data sheet etc. No deviation is acceptable unless otherwise accepted by BHEL/Customer in writing. Any conflict if any among BHEL / Customer approved painting schedule / Spec / data sheet etc shall be brought to the notice to BHEL well in adavnce before proceding including the BOI being procured for assy / skid like motors etc	
9	Specific conformation for document package in the event of an order (2 Hard copies & soft copy in PDF file) is to be given containing the following with proper linkages (i) Index Sheet, (ii) MQP/RQP/Endorsement Sheet (As applicable), (iii) TCs identfied by BHEL/ Customer for record for "CHP" / "W" and Verification portion ("V") as given in approved QP, (iv) Final inspection report + TC including Chemical + Mechnaical + HT + NDT etc, (v) Third party Inspection report + TC, (vi) Customer CHP/ MDCC, (vii) Type test / Performance Test reports conducted, (viii) Type test / Performance Test approval/ clearance obtained from BHEL/Customer, (ix) BOM with As Build Drgs with actual make / rating used with BHEL/customer approved drawings.	
10	<b>Packing / Seaworthy Packing</b> shall be as per BHEL Packing schedule / approved drg / sketch. This shall be ensured to take care tarnsit / handling / transhipment in Road / Sea / Air. Photographs are to be submitted for BHEL review before despatching the material as per contract conditions.	
10	<b>Packing</b> shall be as per BHEL Packing schedule / approved drg / sketch. This shall be ensured to take care tarnsit / handling / transhipment in Road / Sea / Air. Photographs are to be submitted for BHEL review before despatching the material as per contract conditions.	
11	<b>Outsourcing of test facilities:</b> Bidder shall ensure all the testing facilities in house. However If any of the test facilities are not available with successful bidder, then bidder shall ensure the same at NABL accreadted third party lab / Govt / Govt Lab for major testing such as NDT, Electrical & Mechanical testing.	
12	<b>Important Note:</b> No deviation on the above requirement 01 to 11 is acceptable w.r.t Quality Requirement and those offers not meeting these specific customer requirement is liable for rejection and hence the bidder shall submit all the required documentary evidences in the offer itself.	
13	<b>##</b> Necessorily to be filled up by the bidder at the time of offer itself otherwise the offer may not be considered w.r.t Quality Requirement being customer specific requirement.	

\*(To be submitted In the company letter head by supplier)

## **Form - 1**

**Subject:** Public Procurement (Preference to Make In india)

**References:**

- 1.P-45021/2/2017-B.E-II dated. 15<sup>th</sup> June-2017,
- 2.P-45021/2/2017-PP(BE-II) dated. 28<sup>th</sup> May-2018 ,
- 3.P-45021/2/2017-PP(BE-II) dated. 29<sup>th</sup> May-2019.
- 4.P-45021/2/2017-PP(BE-II) dated. 4<sup>th</sup> June-2020

We hereby declare with reference to above subject and references that M/s ----- (Tick whichever is applicable as below)

"Class-I local supplier" meeting the requirement of minimum local content equal to 50%(fifty percent) or more defined in the above government notification for the goods and services (or)

"Class-II local Supplier" meeting the requirement of local content 20% to less than 50%(fifty percent) defined in the above government notification for the goods and services

Please mention the details against the following:

Enquiry no:----- dated. -----

Type of Supplier (Class-I/Class-II) .....

Product:-----

Project:.....

Details of location at which local value addition will be made is as follows:

---

We also understand that the false declarations will be in breach of the code of Integrity under rule 175(1)(i)(h) of the General financial rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorized Signature M/s \_\_\_\_\_

(Signature and seal)

Place:.....

Date:.....

From.

M/s \_\_\_\_\_

Address: \_\_\_\_\_

**Note:** For offer value INR 10 crores or more, shall be vetted/endorsed by statutory auditor or cost auditor, for the declared local content.

## **Form – 2**

I/we are bidder from \_\_\_\_\_ (Address with country). We do not belong to any of the below category mentioned.

1. Any of entity/office/workshop of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
2. Any of subsidiary of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
3. Any of entity/office/workshop of your organisation/incorporation, controlled in a country sharing land border with India, If yes, provide the full address of all such locations.
4. Any of entity whose beneficial owner is situated in a country sharing land border with India, If yes, provide the full name, address of all such locations.
5. Any Indian Agent available, If so, Provide details of address and contacts.
6. Any employee/directors who is/are citizen of country sharing land border with India, If yes, provide the full name, employee code and address of all such locations.
7. Any of consortium/joint venture of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.

### **Meaning of beneficial owner**

- 1) In case of a company or limited liability partnership, beneficial owner is the natural person, who, whether acting alone or together, or through one or more judicial person, has a controlling ownership interest or who exercises control through other means.

### **Explanation**

- a) Controlling ownership interest means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company.
  - b) “control” shall include the right to appoint majority of the directors or to control the management rights or shareholder’s agreement or voting agreement.
- 2) In case or a partnership firm the beneficial owner is the natural person (s) who whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of capital or profits of the partnership.
  - 3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of the property or capital or [profits of such association or body of individual.
  - 4) Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
  - 5) In case of a trust, the identification of beneficial owner (s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust and any other



**\*(To be submitted In the company letter head by supplier)**

natural person exercising the ultimate effective control over the trust through a chain of control of ownership.

- 6) An agent is a person employed to do any act for another, or to represent another in dealing with third person.

We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India, we hereby declare that we do not belongs to any such country and are eligible to be considered.

In case, any of information is found to be false, even after bid acceptance, immediate termination may happen and action will be taken as per law.

Format is being filled without altering any of the clause mentioned in the given format\*\*

Dated: \_\_\_\_\_

Authorised Sign and stamp\_\_\_\_\_



# BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

## Proposed terms for GeM bid as Buyer ATC:

**NIT:** RFQ (request for quotation) towards “manufacture, inspection, packing, forwarding and dispatch” of Neoprene gaskets

**PQR:** Manufacturer/ Authorised Dealer or trader with Valid GSTIN

**Delivery Location/Destination:** East Gate, Stores-BHELO, BAP-Ranipet 632406, Tamilnadu

**Delivery required date:** By 24-11-2022 or within 5 months from the date of manufacturing clearance, whichever is later. Bidder to quote the best possible delivery from the date of manufacturing clearance. Abnormal quoted delivery, liable for rejection of offer

## Item List: Scope of supply/ BoM

SI	Material code	DESCRIPTION	Qty set	Quoted/ Not quoted
		100% neoprene gaskets for low temp upto 70 deg C as per drg 4-FW-000-01512		
1	RFW216600001	NB 25 and CL 150 and Var No 01	26	
2	RFW216600002	NB 50 and CL 150 and Var No 03	630	
3	RFW216600003	NB 65 and CL 150 and Var No 04	20	
4	RFW216600004	NB 80 and CL 150 and Var No 05	121	
5	RFW216600005	NB 100 and AWWA CL D and Var No 06	380	
6	RFW216600006	NB 125 and AWWA CL D and Var No 07	361	
7	RFW216600007	NB 150 and AWWA CL D and Var No 08	692	
8	RFW216600008	NB 200 and AWWA CL D and Var No 09	340	
9	RFW216600009	NB 250 and AWWA CL D and Var No 10	181	
10	RFW216600010	NB 300 and AWWA CL D and Var No 11	22	
11	RFW216600011	NB 350 and AWWA CL D and Var No 12	377	
12	RFW216600012	NB 400 and AWWA CL D and Var No 13	34	
13	RFW216600013	NB 400 and DIN PN10 and Var No 15	283	
14	RFW216600014	NB 500 and AWWA CL D and Var No 17	41	
15	RFW216600015	NB 600 and AWWA CL B and Var No 19	34	
16	RFW216600016	NB 800 and AWWA CL B and Var No 21	24	
17	RFW216600017	NB 1300 and AWWA CL B and Var No 26	48	
18	RFW216600018	NB 1400 and AWWA CL B and Var No 27	5	
19	RFW216600019	NB 1700 and AWWA CL B and Var No 30	2	
20	RFW216600020	NB 1800 and AWWA CL B and Var No 31	19	
SI	Material code	DESCRIPTION	Qty set	Quoted/ Not quoted

## Technical requirement

- (a). **Manufacturing: Document Submission**-Drawing, Data sheet and quality plan shall be submitted upon ordering for approval by BHEL. **Manufacturing clearance** will be provided upon approval of drawing with data sheet and QAP. Manufacturing shall be as per attached technical specification in the bid, Approved drawing, Quality plan and Data sheet. **Inspection:** as per CI (b) below stated. **Dispatch Clearance:** Upon submission of inspection reports along with test certificates in original and Packing list dispatch clearance will be provided by BHEL.



# BHARAT HEAVY ELECTRICALS LIMITED

**BAP – Ranipet, 632406**

**MM – PURCHASE Department (FGD)**

- (b). **Inspection:** Inspection (call to be raised by supplier at BHEL CQIR portal) before despatch at supplier's works (as per Quality terms and Quality plan) by BHEL/authorised agency (TPI-Third Party Inspection). Inspection includes for painting and packing also, as applicable. All the Test and inspection reports shall be sent to BHEL-Ranipet for review and dispatch clearance. Packing list and weight details shall be sent for release of GMS by Engineering-BAP. Based on release of GMS, CoC No shall be issued by QC-BHEL. On receipt of CoC, and packing list, request letter from commercial-BAP to be submitted to QC-BHEL for issue of MDCC.
- (c). **Packing requirement:** Packing shall be waterproof in package such that transit damage shall be avoided. The material code with description & Supplier name shall be marked on the packing.
- (d). **Documents:** Accepted IR copy along with relevant test certificates (in original) before despatch to be given to BHEL. This is required for Dispatch clearance.
- (e). **Reverse Auction** shall be conducted, overall package basis L1 (combining all the items) shall be taken for Ordering.
- (f). **Installation, E&C, Trial run and performance test:** NA
- (g). **CEBG / PBG – NA**

## **Commercial requirement:**

1. Quote shall be in INR only, inclusive of GST, as per GeM terms and condition
2. Following documents/formats are attached (signed and stamped copy) in Additional scope of GeM bid. (a) Drawings, (b) MQP, (c) CQR, (d) Annex Q, (e) GeM bid copy, (f) MII form 1 and 2, (g) UDYAM certificate, if quoted as MSE bidder
3. Non Submission of any of required documents as listed below, attracts for offer rejection.
4. Overall Package wise (considering all the line items in single package) evaluation methodology shall be adopted. All the items shall be ordered to single vendor.
5. MSE firm shall upload the UDYAM portal registration certificate
6. Guarantee / Warrantee: Shall be applicable for 18 months from the date of dispatch as CoC (certificate of Conformance) against the workmanship and manufacturing defects
7. RA is planned through GEM as per GeM rules
8. Payment: 100% payment within 90 days (45 days for MSE and 60 days for medium cat with UDYAM portal) after receipt and acceptance of material at BHEL along with GST compliance invoice and relevant documents.
9. "False declaration will be in breach of the code of integrity under Rule 175 (i)(h) of the General Finance Rule for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Finance Rules along with such other actions as may be permissible under Law"
10. Any offers from such bidders Bidders who are under Hold, banned and suspended by BHEL, shall be rejected.
11. **For any query:** Kindly provide the "Neoprene gasket-Barh 2" in the subject of mail and send to mail: [ckbharti@bhel.in](mailto:ckbharti@bhel.in); [jecashish@bhel.in](mailto:jecashish@bhel.in), Ph: 9488 58 9287 / 7010 75 1675, You may raise the query through GeM also.