1042642/2022/BAP-9781_COML

Pre-Qualification Requirement

To

Participate in Tender for Rubber Expansion Joint Procurement (To be submitted along with Offer for Technical BID Evaluation)

Following are the Pre-Qualification Requirement

Sl No.	Criteria	Document proofs to be submitted	Bidder Compliance (Yes/No/Comment)
01	Bidder should be a Manufacturer of Rubber Expansion Joints.	Registration certificate / Certificate of Incorporation/Self declaration	
02	Experience Certificates (PO copies of REJ of similar sizes)	A) List of customers to whom rubber expansion joints of similar sizes supplied, B) Unpriced PO copy of similar sizes and relevant (i) Proof of supply (such as Invoice/ SRV/GRN/LWB). (ii) Test report & Inspection report of same PO.	
03	Bidders shall not have been black- listed / kept on hold /given Business holiday for a specified period by any Public Sector Undertaking or Government Departments/any other units of BHEL.	Self-declaration to be submitted by Bidder.	
04	Confirmation to the Specification / Drawing / Dimension / Size, Quality plan and Inspection check list.	Sealed and Signed copy of Technical specification FWQS:024 Rev01 with point wise reply shall be submitted as a proof of conformity.	

- BHEL reserves the right to verify information / confirmation furnished by asking additional documents Proofs etc.
- BHEL reserves the right to visit supplier's works to audit and inspect to ensure the capability for technical evaluation.
- Compliance to all the above Pre-qualification requirements is mandatory. In absence of PQR compliance vendor's offer are liable for rejection.

Declaration:

We understand that all the proofs/documents submitted by our firm for all the above points are subject to verification and in case BHEL finds any discrepancy in any of the documents submitted by us like fake/false/forged documents, Certificates or information, action may be taken against our firm as per extant guidelines of BHEL.

Bidder's Seal & Signature



Bharat Heavy Electricals Ltd Boiler Auxiliaries Plant Ranipet-632 406

FLUE GAS DESULPHURISATION DEPT. TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION: FWQS:024

REV NO:01

			Anglan	Iyotin Kumor Ruse	lens
01	03/09/2022	Added Notes in Data sheet.	ANUPAM KUSHWAHA	JYOTISH KUMAR PATEL	V.KESAVAN
00	25/06/2021	FRESH RELEASE	ANUPAM KUSHWAHA	SHANMUGA SUDARAM S	V.KESAVAN
REV	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

REV	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED
Sl.no	Item	RUBBER EXPANSION	JOINTS/BELLOW	S FOR PIPELINE	Vendor Acceptance/ Comments
1	Scope of supply	Design, manufacture, tes pipeline in the duty condi	tion as specified in tecl	nnical datasheet.	
		2) Vendor to provide both s (galvanized). Counter/Co			
		3) Vendor to provide galva washers.	nised control rods (ti	e rod), bolts, nuts and	
		Note: Control Plates (shall be	e welded type with flar	nges)	
2	Eligibility criteria	1) Vendor should be a manu			
		2) List of customers to whor supplied, unpriced PO Co	n Rubber Expansion Joi py to be furnished alon	ints of similar size ig with offer.	
		3) Previous inspection/test along with offer.	report to be furnished	for the similar sizes	
3	Sizes	350NB,300NB,200NB,150 NB	,125 NB & 100 NB		
4	Application-	Gypsum Slurry: 350NB,300I	NB & 200NB		
	Fluid	Air/Water : 150NB,125N	NB & 100NB		
5	Туре	Filled Single Arch Type for:	350NB, 300NB & 200N	B sizes	
		Open Single Arch Type for :	150NB,125 NB & 100N	B sizes	
6	Flange	All holes and dimensions sha	ll be as per ANSI B16.5	Class 150	
7	Connection Type	Minimum One side flange wil	ll be loose/slip-on swive	elling type.	
	Type	Note: Flanges will be in single acceptable.	e piece of both ends. Sp	olit type of flange is not	
8	Galvanizing	Flange, Control Plates, Contro 40µ thick.	ol Rods, Nuts & Washer	rs all shall be galvanized-	

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9	Sample requirement	During enquiry stage, one number of typical sample of rubber expansion joint to be sent to BHEL for review.	
		Note: Vendors who have earlier sent their REJ sample vide the tender enquiry no. 3800029E dtd. 25/04/2020 need not to send again. Other new vendors must send their typical sample of REJ to BHEL.	
10	Inspection at vendor works	 Inspection by BHEL or its authorized agency. Material Test Certificates shall be submitted during inspection. 	
11	Document	 The Vendor shall furnish point wise reply and submit seal & signed copy of this technical specification. The Vendor shall submit the dimensional drawings / catalogues indicating M.O.C and weight along with the offer for information. Vendor to provided Quality plan with the offer. 	
12	Packing	 Rubber Expansion Joints of each size/ Type/ rating/ Standard/ Material should be suitably packed separately. Each package shall marked with same details so that the Expansion Joints shall be Identified easily. The part items of the equipment should be identified by the tag numbers and should be packed as to minimize the possibility of damage during storage or transit. The equipment shall be protected for a storage of 12 months at site, if any extra precaution is to be taken by the Purchaser for storage beyond 12 months the same shall be explicitly indicated in the operation and maintenance manuals. 	
13	Outside the box	PO number, vendor name, item size, material code, model number, quantity inside the box, gross weight and net weight to be mentioned.	
14	Drawing	Typical drawing (Illustrative purpose only) of REJ is attached for reference.	

TECHNICAL DATASHEET FOR RUBBER EXPANSION JOINTS:

4		Data Sheet fo	r Rubber Ex	kpansion Joi	nts for (Flue	Gas Desulph	nurization)FG	D Projects	
	Location		1	2	3	4	5	6	7
			RC Spray Header	RC Spray Header	JAS Input	JAS Input / Mist Eliminator Washing Pipe Inlet	Mist Eliminator Washing Pipe Inlet	Mist Eliminator Washing Pipe Inlet	Vendor to Confirm
	Flow	media	Gypsum Slurry	Gypsum Slurry	Gypsum Slurry	Air/ Water	Water	Water	
	Pui	rpose	Anti- Vibration/ Displacem ent	Anti- Vibration/ Displaceme nt	Anti- Vibration/ Displaceme nt	Anti- Vibration/ Displaceme nt	Anti- Vibration/ Displaceme nt	Anti- Vibration/ Displaceme nt	
	Pip	e Size	NB 350	NB 300	NB 200	NB 150	NB125	NB 100	
	Arc	h type	Filled	Filled	Filled	Open	Open	Open	
	luding r	ace Length rubber lining)	200 mm	150 mm	150 mm	150 mm	150 mm	150 mm	
	Оре	erating Temp. (Deg.C)	70	70	100	100	70	70	
Ser	Design	n Temp. (Deg.C)	80	80	110	110	80	80	
Service conditions	Working pressure (g) kg/cm ²		4	4	4	8	8	8	
nditio	Hydro Test Pressure kg/cm² (g)		6	6	6	12	12	12	
ons	Installation Position		Horizontal / Vertical/ Inclined	Horizontal/ Vertical/ Inclined	Horizontal/ Vertical/ Inclined	Horizontal/ Vertical/ Inclined	Horizontal/ Vertical/ Inclined	Horizontal/ Vertical/ Inclined	
	Shore	Hardness	65±5 shore A	65±5 shore A	65±5 shore A	65±5 shore A	65±5 shore A	65±5 shore A	
al me	Œ	Compression	* 30	* 30	* 30	19	19	19	
Axial Moveme	nt (mm)	Extension	* 17	* 17	* 17	11	11	11	
Later	al Move	ement (mm)	* 19	* 19	* 16	16	16	16	
		O.D. (mm)	534	483	343	279	254	229	
	П	PCD (mm)	476.2	431.8	298.5	241.3	215.9	190.5	
9	Flange Details	Hole Dia. (mm)	28.4	25.4	22.2	22.2	22.2	19.1	
	Detai	No. Of Hole (nos.)	12	12	8	8	8	8	
	Thickness (mm)as per		35	32	28	25	24	24	
Tie Ro	od Leng	th (mm)	380±5	300±5	300±5	300±5	300±5	300±5	
Tie Ro	od dia. ((Ø)mm	Ø24	Ø24	Ø16	Ø16	Ø16	Ø16	

Note: * Compression, extension & lateral movement values are given in above Technical Data sheet Table are for wide open arch. Vendor to furnish maximum movement values for wide filled arch type REJ during tender stage and It should be not less than of 50% of the above values.

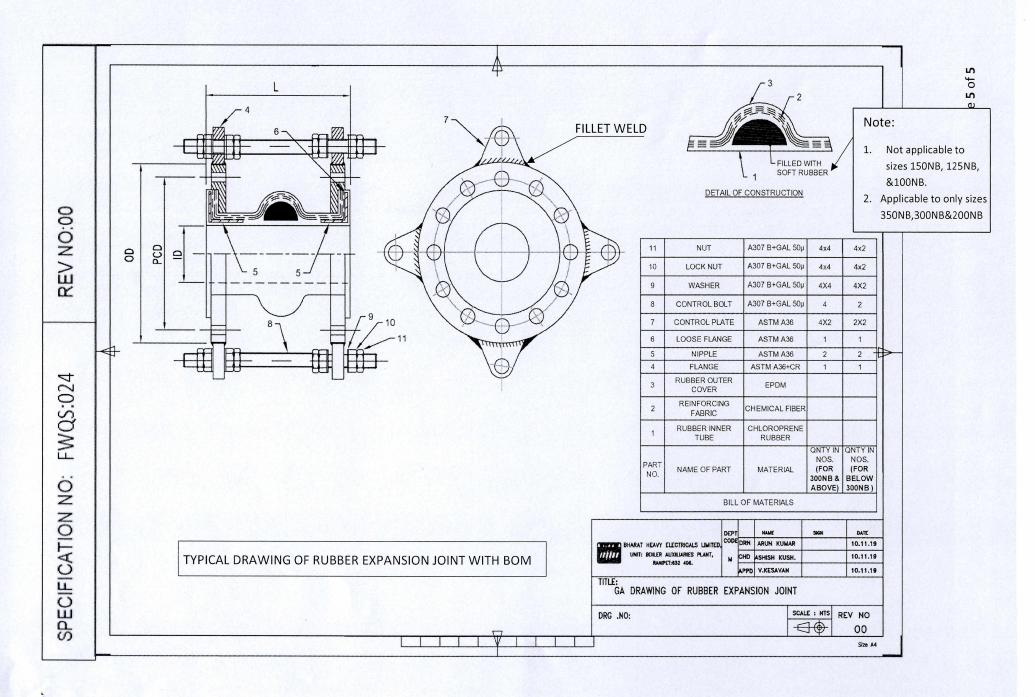
Material of Construction:

Fixed Flange	IS 2062+ Chloroprene Rubber
Loose Flange	IS 2062+ Chloroprene Rubber
Rubber Outer Cover	EPDM
Reinforcing Fabric	Chemical fibre
Reinforcing Cord	Chemical fibre
Rubber Inner Tube	Chloroprene Rubber
Control Ring/Plate (Control plates will be welded on the flanges. Bolted type is not acceptable)	IS 2062 Gr. A
Tie Rod/control bolt	IS:1367 CL 6.8 With 40 μ Galvanised
Nut, Lock nut & Washer	IS:1367 CL 6.0 With 40 μ Galvanised

Remarks: One Set of Rubber Expansion joint/bellow consists of following items explained in below table-

			A 5 (10)
Items	350 NB/300 NB	200NB/150NB/125NB/100NB	Vendor Acceptance /Comments
Bellow	1 no.	1 no.	
Flange(1 fixed +1 slip on)	2 nos.	2 nos.	
Control plates	8 nos.	4 nos.	
Tie rod/Control bolts	4 nos.	2 nos.	
Nut	16 nos.	8 nos.	
Lock Nut	16 nos.	8 nos.	
Washer	16 nos.	8 nos.	

Note: For FGD application wide arch design only applicable.



Quality Assurance (Mech) CONTRACT QUALITY REQUIREMENT (CQR)

MPLG: FGD: NMEJ: 535-573

Dt. 13-09-2022

PROJECT	INDENT NO	PGMA	TECHNICAL SPECIFICATION
MOUDA(2X500 MW), NORTH KARANPURA	P85127738	FW223	FWQS 024:R01,DT:03.09.2022
(3X660 MW), BARH-I(3X660 MW), BARH-II			
(2X660 MW) and PANKI (1X660 MW)			

Item Name: RUBBER (NON-METALLIC) EXPANSION JOINT

- 1. All the items shall be inspected at Manufacturer works as per BHEL QP/ Approved Drawing/Approved datasheet and Technical Specification.
- 2. Physical Inspection shall be done by BHEL/BHEL AIA at Manufacturer works.
- **3.** BHEL Approved source is acceptable.
- **4.** Arrange Vendor acceptance for BHEL QP (EXP JOINT: 392/02, DT: 09.02.2022) with their duly sign and seal.
- **5.** NTPC or Any other Customer latest approved QP if any for similar application available with vendor may be shared on Vendor specific.
- **6.** Packing of items shall be as per BHEL Engg Approved Packing Drawing/Technical Specifications.
- 7. BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO. The supplier shall inform BHEL in advance about the readiness of the goods for inspection and testing. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO. Material Test Certificates shall be submitted to BHEL.
- **8.** Annexure 'Q' shall be part of enquiry File and shall be filled by Supplier with their duly sign and seal.
- 9. General Inspection Notes:
 - 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. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
 - e. BHEL /BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO.
 - f. In case of Vendor Drawing & Datasheet, it needs approval by BHEL Engineering.
 - g. This QP shall be read along with relevant PO, BHEL Specification / Approved Drawing/Datasheet.

This is for your information and further necessary action at your end please.

	Annexure Q	
	Indent No: Enquiry no:	ии Солосий положительной положения
SI.No	BHEL / Customer Requirements	## Specific confirmations by the manufacturer (Acceptable/Not acceptable)
	Quality Plan Requirement: (If SQP is not given & Vendor QP applicable)	
	(i) MQP (Manufacturing Quality Plan) shall be submitted in attached format for BHEL/Customer review & approval. Our SQP/Typical MQP/ MQP Format is attached for guidance & use.	
	(ii) MQP shall invariably cover w.r.t Inward inspection including on Raw material Procurement, In process and Final inspection in elaborated way/details.	
	(iii) 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.	
	(iv) No deviation on BHEL/Customer approved MQP/ SQP (In case BHEL SQP is provided) is acceptable.	
1	(v) Bidder shall agree to submit all cross referred documents other than codes/standards to BHEL/Customer/Consultant.	
	Important Notes shall be included in MQP: (a) Latest revision of Standard s & Specification shall apply. Only International Standards are 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 standard. (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 standard.	
2	Domestic / Inland Inspection 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).	
3	Inspection Agency for Foreign Bidders and also for Indian Bidder but importing from Foreign Sources: (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 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 are non claimable by the bidder. List of TPIA 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 Lloyds 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	

	22/BAP-QA_MECH BHEL / Customer Requirements	## Specific confirmations by the manufacturer (Acceptable/Not accep
4	Stage Inspection during manufacturing Process: 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 (at least 2 weeks before) to TPI/Bidder's own inspection agency to avoid delay in the manufacturing processes.	
5	Inspection before despatch for domestic supplier: Inspection before despatch at supplier's works shall be carried out by BHEL appointed Inspection agency (as in SI no. 2). Inspection shall be done as per approved Quality plan/ Technical specification/ Approved Drawing/ Approved Data sheet.	
6	Inspection at Foreign Source/Supplier: (a) As in sl no: 3. shall be ensured without fail (b) No material / items shall be despatched without getting the written communication from BHEL / Customer inspection carried out by Bidder appointed Third Party Inspection Agency (As per SI no.3) / 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). Inspection before despatch for Foreign supplier: 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 SI no: 03 at supplier's cost.	
7	Painting 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 of BHEL well in advance before proceeding including the BOI being procured for assy / skid like motors etc.	
8	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 identified by BHEL/ Customer for record for "CHP" / "W" and Verification portion ("V") as given in approved QP. (iv) Final inspection report + TC including Chemical + Mechanical + 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.	
9	Packing / Seaworthy Packing shall be as per BHEL Packing schedule / approved drg / sketch. This shall be ensured to take care transit / handling / transhipment in Road / Sea / Air. Photographs are to be submitted for BHEL review before despatching the material as per contract conditions.	
10	Outsourcing of test facilities: 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 accredited third party lab / Govt / Govt Lab for major testing such as NDT, Electrical & Mechanical testing.	
11	Important Note: No deviation on the above requirement 01 to 10 is acceptable with respect to 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.	
17	## Necessarily 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.	
		Vendor Name & Address:

बी एद	MAI	NUFACTURER'S NAME	&		STANDARD QUALITY PLAN						PROJECT: AS PER PO.						
ADDRESS BHEL/ BHEL APPROVED SOURCE			RUBBER EXPAN	RUBBER EXPANSION JOINT [P. NO.: EXPANS by No. :02 te: 09.02.2022 ge 1 of 3											
SL NO	COMPONENT CHARACTERISTICS OF		CLASS OF CHECK	TYPE OF CHECK	QUANTUM C CHECK	F	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency	REMAR KS					
,					6					_	M B C						
1	1 2	1 3	1 4 1	5	1 M I B	/C	1 / 1	8	9	I I)	10	11					

1.0	RAW MATE	ERIALS *												
1.1	Polymer Identification	Physical Properties	Major	Qualitative Analysis /Testing	1 Sample/ Lot /Melt / Heat	1 Sample/ Lot/Melt /Heat	BHEL Spec. / Approved Drawing	Presence of Butyl Rubber	Test Certificate.	1	P	V	-	(*As per Tech Spec/ Approved Drawing/ Data sheet)
1.2	Rubber (Physical Properties)	a) Tensile Strength	Major	Testing	1 Sample/ Lot /Melt / Heat	1 Sample/ Lot/Melt /Heat	Approved Drawing / Data sheet	Approved Drawing/ Data sheet	Test Report	1	P	V	-	·
		b) Elongation at Break	Major	Testing	1 Sample/ Lot /Melt / Heat	1 Sample/ Lot /Melt / Heat	Approved Drawing / Data sheet	Approved Drawing / Data sheet	Test Report	V	P	V	-	
		c) Shore Hardness	Major	Test	1 Sample/I / Heat	Lot /Melt	ASTM D-2240	65±5° Sh.A (As per Relevant Std)	Test Report	V	P	V	-	
1.3	EPDM Rubber	a) Tensile Strength	Major	Testing	1 Sample/ Lot /Melt / Heat	1 Sample/ Lot /Melt / Heat	ASTM D-412	Minimum 80Kg/cm2	Test Report	V	P	V	-	
		b) Elongation at Break	Major	Testing	1 Sample/ Lot /Melt / Heat	1 Sample/ Lot /Melt / Heat	ASTM D-412	Minimum 250%	Test Report	1	P	V	-	
		c) Shore Hardness	Major	Measurement	1 Sample/I / Heat	Lot /Melt	ASTM D-2240	65±5° Sh.A	Test Report	1	P	V	-	

Manufacturer Name	Legends:	Prepared by	Reviewed and Approved by
	M – Manufacturer / Subcontractor, B - BHEL /BHEL Authorized Inspection Agency, C - Customer, 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.	A. H.	Relgit 5
Sign & Stamp with Date	Supplier in QA documentation.	Rakesh Kr Madhu (Dy Manager / QA)	K Renjith (Manager / QA)

No	बी ए	4 F 577	FACTURER'S NAME	&		STANDAR		QUALITY PLAN		PROJE(PROJECT: AS PER PO.						
Sample S		ADDR	ESS		ITEM:				ON JOINT :392								
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No.	01			CLASS		QUANTUM			ACCEPTANCE	FORMAT							
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Metal Flange & Stretcher Olate Chem. & Mech. Test (Tensile, Elongation, at Break and Yield strength) Testing 1 Sample/Lot/Melt ASTM A307 ASTM A307 Certificates V P V -		& OPERATION		CHECK		6				RECORD		М	В	С			
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1.6 Nut & Lock Nut Chem. & Mech. Properties (Hardness & Proof Load) Nut Properties (Hardness & Proof Load) 1.7 Final Product Rubber Bellow Visual & Dimensional Conformity Nisual & Dimensional Conformity Profile Inspection (Reduced Scope) 1 Sample/Lot /Melt / Heat As per Approved Drawing As per Approved Drawing Profile Inspection (Reduced Scope) Proportion	1.5	Control Rods	DO	Major	Testing		Melt				1	P	V	-			
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by 10 mm Standard Standard		Check													minutes.		
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3.0 PACKING & PRESERVATION			<u> </u>	<u> </u>	by 10 mm			Standard Standard									
	3.0	PACKING &	PRESERVATIO	N													

Manufacturer Name	Legends:	Prepared by	Reviewed and Approved by
	M – Manufacturer / Subcontractor, B - BHEL /BHEL Authorized Inspection Agency, C - Customer, 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.	A. H.	Relgit 5
Sign & Stamp with Date	Supplier in QA documentation.	Rakesh Kr Madhu (Dy Manager / QA)	K Renjith (Manager / QA)

बी एर	ा ई एल	MANUF	ACTURER'S NAME	&		STANDARI) QL	JALITY PLAN		PROJE	PROJECT: AS PER PO.						
ADDRESS BHEL/ BHEL APPROVED SOURCE			RUBBER EXPANSION JOINT			P. NO.: EXPANS ev No. :02 ate: 09.02.2022 age 3 of 3											
SL NO	COMPO	ONENT RATION	CHARACTERISTICS	CLASS OF CHECK	TYPE OF CHECK	QUANTUM C CHECK 6)F	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		Agency M B C	REMAR KS				
1	2	2	3	4	5	M B/C		7	8	9	D	10	11				

3.1	Packing	Verification	Major	Verification of	100%	100%	Plant	PO/Specificat	Paint and	1	P \	V	-	
				packing			procedure and	ion/ Drawing	packing					
							Packing		Report					

Notes: 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. Inspection / Inspection wavier / approval by BHEL does not absolve Supplier's responsibility for conformity of the specification as per the terms of PO.
- e. BHEL /BHEL Authorized representatives shall have the right to witness the necessary inspection and testing of goods mentioned in the PO.
- f. In case of Vendor Drawing & Datasheet, it needs approval by BHEL Engineering.
- g. This QP shall be read along with relevant PO, BHEL Specification / Approved Drawing/Datasheet.

RECORD OF REVISION

REV NO	DATE DESCRIPTION									
00	04.02.2020	Original Issue – First submission								
01	05.02.2020	Revised based on feedback from QC-proc.								
02	09.02.2022	QP Class 1.1 updated.								

Manufacturer Name	Legends:	Prepared by	Reviewed and Approved by
	 M – Manufacturer / Subcontractor, B - BHEL /BHEL Authorized Inspection Agency, C - Customer, 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. 	delle	Relights_
Sign & Stamp with Date	Supplier in QA documentation.	Rakesh Kr Madhu (Dy Manager / QA)	K Renjith (Manager / QA)

CERTIFICATE FOR COMPLIANCE TO

ALL PROVISIONS OF TECHNICAL BID DOCUMENTS

(Certificate of "NIL" Technical Deviation)
{To be submitted along with Offer for Technical BID Evaluation}

To,

Material Planning/MM BHARAT HEAVY ELECTRICALS LIMITED BOILER AUXILARIES PLANT RANIPET, PIN-632 406 TAMILNADU-INDIA

Dear Sir,

1.	comply with all terms, conditions and specifications of the Technical Bidding Documents read in conjunction with Amendment(s) / Clarification(s) / Addenda/Errata (if any) issued by the BHEL Ranipet prior to opening of Techno-Commercial Bids and the same has been taken into consideration while making our Technical Bid and we declare that we have not taken any deviation in this regard except mentioned in the box given below.
	Technical Deviation (if any)-Write "NIL" in case of No Technical Deviation.

- 2. We understand that in case the Products /Specifications/ additional conditions/ deviations/ variations/exception offered do not meet the Technical requirements, then our bid shall be rejected as Technically non-responsive.
- 3. We also confirm that in regards to technical requirement we have not written any additional conditions/ deviations/ variations/exception, implicit or explicit, anywhere else in the techno-commercial bid.
- 4. For technical deviation not acceptable to BHEL Ranipet, we also confirm that in case we refuse/not responding to withdraw additional conditions/ deviations/ variations/ exception regarding any technical requirement, within the stipulated time, our bid shall be rejected as Technically non-responsive.

Form - 1

Subject: Public Procurement (Preference to Make In india)

References:
1.P-45021/2/2017-B.E-II dated. 15 th June-2017,
2.P-45021/2/2017-PP(BE-II) dated. 28 th May-2018 ,
3.P-45021/2/2017-PP(BE-II) dated. 29 th May-2019.
4.P-45021/2/2017-PP(BE-II) dated. 4 th 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:
For action, and a second secon
Enquiry no: dated
Type of Supplier (Class-I/Class-II)
Type of Supplier (Slass II) Illianianianianianianianianianianianianiani
Product:
Project:
- Tojestininininininininininininininininininin
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)
(Signature and Sear)
Place:
Dates
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.

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

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:				
А	uthorised :	Sign and	l stamp_	



ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS TRANSFER

01	NAME & ADDRESS OF THE	1															
01	NAME & ADDRESS OF THE SUPPLIER / VENDOR																
	PHONE NO. WITH STD CODE																
															•		
		PAN	I NO.														
02	VENDOR CODE (as in WORK ORDER)																
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	BANK (WITH PIN CODE)																
	(WITH PIN CODE)																
В)	BANK TELEPHONE NUMBER (WITH STD CODE)																
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G)	VENDOR NAME AS PER BANK RECORDS																
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J)	VENDOR'S EMAIL ID (give two ids)	l •			•	•			•								
16)	NAME OF AUTHORISES	1															
K)	NAME OF AUTHORISED SIGNATORY																
	<u> </u>	CE	RTI	FICA	\TE												
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Note: This EFT Form is to be submitted duly filled in manually in all fields and duly signed by Authorised Signatory and certified by Banker.