

PR No.: 148335244

Date: 16.06.2026

Annexure-A**Pre Qualification Requirements**

S. No.	Description of Pre Qualification Requirement	Bidder Response
1	Only manufacturer of Metallic Expansion Joints & Bellows shall participate in this tender. Udyam/Company Registration Certificate shall be attached.	
2	Vendor shall have experience in manufacture & supply of Metallic Expansion Joints & Bellows to any Central/State Government, PSU or Public listed organization, executed after 31st March 2020. (Experience proof from BHEL shall contain PO copy and experience proof from other than BHEL shall contain PO copy along with Invoice/Delivery Challan. PO copy shall be supported with drawings)	
3	Vendor shall have valid ISO 9001:2015 certification (Copy to be attached)	

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Annexure-B

Technical Delivery Conditions

1. Technical Scope of Supply

S. No.	Technical Description	UoM	Qty	Bidder Response
1.1	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 ,TO SUIT PIPE ID: 900mm, LENGTH:600mm, FLANGE PCD DIA:1067mm, FLANGE OD: 1143, FLANGE THICKNESS: 12MM, FLANGE MOC: MS,NO OF HOLES: 24 HOLE DIA:18mm WORKING TEMP.:400 DEG.C WORKING PRESSURE:1300mmWG MEDIUM: HOT AIR	Nos	1	
1.2	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID: 900mm LENGTH :500mm FLANGE PCD DIA:1067mm, FLANGE OD: 1143, FLANGE THICKNESS: 12MM, FLANGE MOC: MS,NO OF HOLES: 24 HOLE DIA:18mm WORKING TEMP.:400 DEG.C WORKING PRESSURE:1300mmWG MEDIUM: HOT AIR	Nos	2	
1.3	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS- 321 TO SUIT PIPE ID :300mm LENGTH: 300mm FLANGE PCD DIA: 406mm, FLANGE OD: 457, FLANGE THICKNESS: 12MM, "FLANGE MOC: MS,NO OF HOLES: 12 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESSURE: 1300mmWG MEDIUM: HOT AIR"	Nos	4	
1.4	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-32 TO SUIT PIPE ID :250mm LENGTH: 300mm FLANGE PCD DIA: 356mm FLANGE OD: 406, FLANGE THICKNESS: 12MM, FLANGE MOC: MS " NO OF HOLES: 8 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESSURE: 1300mmWG MEDIUM: HOT AIR"	Nos	1	
1.5	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID :350mm LENGTH: 300mm FLANGE PCD DIA: 470mm, FLANGE OD: 527, "NO OF HOLES: 12 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESSURE:1300mmWG MEDIUM: HOT AIR"	Nos	3	
1.6	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-304 TO SUIT PIPE ID: 500mm LENGTH:300mm FLANGE PCD DIA: 641mm FLANGE OD: 705 MM,FLANGE THICKNESS: 12MM, FLANGE MOC: MS, NO OF HOLES:16 HOLE DIA:18mm WORKING TEMP: 400 DEG.C PRESSURE:1300mm WG MEDIUM: HOT AIR	Nos	2	
1.7	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID: 550mm LENGTH:300mm FLANGE PCD DIA: 698mm, FLANGE OD: 765mm, FLANGE THICKNESS: 12MM, FLANGE MOC: MS "NO OF HOLES:16 HOLE DIA:18mm WORKING TEMP: 400 DEG.C PRESSURE:1300mm WG MEDIUM: HOT AIR"	Nos	2	
1.8	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID :400mm LENGTH: 300mm FLANGE PCD DIA:521mm ,FLANGE OD: 578 mm, THICKNESS: 12MM, FLANGE MOC: MS " NO OF HOLES: 12 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESSURE: 1300mmWG MEDIUM: HOT AIR"	Nos	2	
1.9	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID: 150mm LENGTH: 300mm FLANGE PCD DIA:235mm FLANGE OD: 279 FLANGE THICKNESS: 12MM, FLANGE MOC: MS NO OF HOLES: 8 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESURE:1300mm WG MEDUIM: HOT AIR	Nos	3	
1.1	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID: 150mm LENGTH: 200mm FLANGE PCD DIA:235mm, FLANGE OD: 279 mm, THICKNESS: 12MM, FLANGE MOC: MS NO OF HOLES: 8 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESURE:1300mm WG,MEDIUM: HOT AIR	Nos	14	
1.11	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL: SS-321 TO SUIT PIPE ID: 100mm LENGTH: 200mm FLANGE PCD DIA:178mm FLANGE OD: 216 mm, THICKNESS: 12MM, FLANGE MOC: MS "NO OF HOLES: 4 HOLE DIA: 18mm WORKING TEMP: 400 DEG.C PRESURE:1300mm WG MEDIUM: HOT AIR	Nos	23	
1.12	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) "MATERIAL: SS-321 TO SUIT PIPE ID: 600mm LENGTH:400mm FLANGE PCD DIA:756mm FLANGE OD: 825 THICKNESS: 12MM, FLANGE MOC: MS NO OF HOLES:16 HOLE DIA:18mm WORKING TEMP: 400 DEG.CPRESURE:1300mm WG MEDIUM: HOT AIR	Nos	1	

1.13	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL:SS-321 TO SUIT PIPE NB: 100mm, LENGTH: 150mm, FLANGE PCD DIA:178mm,NO OF HOLES: 4 ,FLANGE OD: 216 THICKNESS: 12MM, FLANGE MOC: MS HOLE DIA: 18mm ,WORKING TEMP: 400 DEG.C ,PRESURE: 1300mm WG ,MEDIUM: HOT AIR	Nos	20	
1.14	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL : SS-321 TO SUIT PIPE ID :200 mm LENGTH : 400 mm FLANGE PCD:292 mm WORKING TEMP : 400 TO 500 DEG.C , FLANGE OD: 279 FLANGE THICKNESS: 12MM, FLANGE MOC: MS, PRESSURE : 1300mm WG HOLE DIA : 18 mm NO OF HOLES : 8	Nos	5	
1.15	METALLIC EXP.BELLOW WITH FLANGE(ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL : SS-321 TO SUIT PIPE ID : 700mm LENGTH : 500mm FLANGE PCD : 852mm, NO OF HOLES : 20 HOLE DIA : 18mmWORKING TEMP : 400 DEG.CPRESSURE : 1300mmWG MEDIUM : AIR FLANGE OD: 921 THICKNESS: 12MM, FLANGE MOC: MS	Nos	3	
1.16	SUCTION BELLOW SIZE:4"NB X 340 L WORKING PRESSURE: 5kg/sq.cm TEST PRESSURE: 10kg/sq.cm MATL. :SS304/304L DRG. NO: FTP-BF-100-4 MAK E:FLEXOTECH	Nos	10	
1.17	METALLIC EXP.BELLOW WITH FLANGE (ONE SIDE FLOATING ONE SIDE FIXED) MATERIAL:SS-321 ,TO SUIT PIPE : 80NB , LENGTH:150 mm , , FLANGE PCD DIA: 146mm , NO OF HOLES: 4 ,HOLE DIA: 18mm ,WORKING TEMP: 400 DEG.C FLANGE MOC: MS, WORKING PRESSURE:1300mmWG MEDIUM: HOT AIR MOC for flange: MS, flange thickness :12 mm, Flange OD: 184 mm	Nos	20	

2.Common Technical Requirements

- 2.1 Original Chemical composition certificate of material to be provide issued by Govt. authorized NABL Lab at free of cost.
- 2.2 Dimensional reports to be provided by random sampling for each item.
- 2.3 Pneumatic testing shall be performed for all according to EJMA (Expansion Joint Manufacturers Association) or ASME standards.
- 2.4 Materials to be delivered through wood packing to prevent damages during transit. Acceptance of material is based on condition at receipt only.
- 2.5 Following details to be punched on each Bellow:
 - a. BHEL Material code
 - b. Purchase order no. (BHEL).
 - c. Size of bellow
 - d. Flow direction
- 2.6 Offer is considered only on free door delivery at SSTP STORES .

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