

**NTPC LTD
CC-OS
EOC NOIDA**

Sub:Qualifying Requirement For Vendor Enlistment For Supply Of “Non-Metallic Fabric Expansion Joints”

A)	MEG DETAILS	
1.0	MEG NO.	46MEC-15(B)
2.0	MEG DESCRIPTION	Non-Metallic fabric expansion Joints
3.0	RESPONSIBILITY CENTRE	WR-II
B)	Technical Criteria of QR: The Applicant should be (1) A manufacturer of Non Metallic fabric Expansion Bellows /Joints as per drawing and specification (2) Should have in-house testing facility for tensile / elongation test, Flex durability test, Thermal withstand ability test, pin hole test, joint efficiency test, Air permeability test. (3) Should have supplied such items during last five years as on the date of application.	
C)	Other Documents to be submitted: In addition to the documents required in support of meeting technical requirements as stated above, following documents are required to be submitted by the applicants applying for enlistment:- 1. Three POs of the highest executed values of similar work during previous five years from the date of application. Copy of Invoice / Completion certificate from the concerned buyer/s in support of successful execution of supply against the POs is to be submitted. 2. Audited balance sheet including Profit & Loss statement for the previous three completed financial years reckoned from the date of application. In case the audited documents are not ready / available, then certified copy by a registered practicing Chartered accountant may be submitted. 3. Latest annual report OR NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / Certificate of registration from the concerned excise department / any other statutory document as a proof of being manufacturer of the required material. 4. Any other documents in addition to the above which the applicant wants to submit.	

D)	Note-1	Similar work means : Supply of Non Metallic fabric Expansion Bellows /Joints as per drawing and specification to thermal power station.
	Note-2	The executed value means basic value of quantity of similar works executed/supplied against the reference PO(also applicable to partly executed POs as on date of application).Case(s) where PO value is composite(i.e. including taxes etc.),the applicant has to give item-wise break-up of composite PO value mentioning basic value,taxes etc.

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Sub: Technical Specification For Vendor Enlistment For Supply Of “Non-Metallic Fabric Expansion Joints”

A)	MEG DETAILS	
1.0	MEG NO.	46MEC-15(B)
2.0	MEG DESCRIPTION	Non-Metallic Fabric Expansion Joints
3.0	RESPONSIBILITY CENTRE	WR-II
B)	<p>Technical Specifications: The Fabric - expansion joints are used in the Air / Flue gas ducting to take care of expansion requirements. The size of the expansion joints shall be as per drawings attached with enquiry. However the various layers of the joint shall be as follows:</p> <p>One layer of Woven texturised glass fabric –(inner most layer) thickness : 0.65 mm +/- 10% Weight : 650 Gram /Sqmtr +/- 10%</p> <p>Two layers of needled glass felt (middle layer) Thickness 9 mm +/-10% Weight : 1500gm / Sqmtr, +/-10%</p> <p>One layer of PTFE Foil (fourth layer) Thickness : 0.20 mm +/- 10% Weight 470 gram /Sqmtr, +/-10%</p> <p>One layer of both side high temperature resistant elastomer coated glass fabric – thermosil (Outermost layer) Thickness : 1.2 mm +- 10% Weight 1500 gram /Sqmtr, +/-10%</p>	