

**NTPC LTD  
CC-OS  
EOC NOIDA**

**Sub: Qualifying Requirement For Vendor Enlistment For Supply Of "Ceramic Tiles And Ceramic Lined Components For Coal Mills"**

<b>A)</b>	<b>MEG DETAILS</b>		
	<b>1.0</b>	<b>MEG NO.</b>	<b>46MEC-06</b>
	<b>2.0</b>	<b>MEG DESCRIPTION</b>	<b>Ceramic Tiles And Ceramic Lined Pipe/ Bends / Elbows/Ceramic Lined Mill Components For Coal Mills</b>
	<b>3.0</b>	<b>RESPONSBLITY CENTRE</b>	<b>WR-II</b>
<b>B)</b>	<p><b>Technical Criteria Of QR:</b></p> <p>(1)The applicant should be a manufacturer of Ceramic tiles and Ceramic lined pipes/bends/elbows/ ceramic lined mill components such as MDV/MPO/Venturi/Cone</p> <p>(2)The applicant should have in-house testing facility or should be tested at NTPC enlisted labs.</p> <p>(3)The applicant should have supplied the same to thermal power plants of 200 MW or above during last five years as on the date of application.</p>		
<b>C)</b>	<p><b>Other Documents to be submitted:</b></p> <p>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:-</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Audited balance sheet including Profit &amp; 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.</li> <li>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 manufacturer of the required material.</li> <li>4. Any other documents in addition to the above which the applicant wants to submit.</li> </ol>		

<b>D)</b>	<b>Note-1</b>	Similar work means : Supply of Ceramic tiles /Ceramic lined pipes/bends/elbows/ ceramic lined mill components such as MDV/MPO/Ventury/Cone
	<b>Note-2</b>	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).Cases(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 Ceramic Tiles And Ceramic Lined Components For Coal Mills"**

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	<b>1.0</b>	<b>MEG NO.</b>	<b>46MEC-06</b>
	<b>2.0</b>	<b>MEG DESCRIPTION</b>	<b>Ceramic Tiles And Ceramic Lined Pipe/ Bends / Elbows/Ceramic Lined Mill Components For Coal Mills</b>
	<b>3.0</b>	<b>RESPONSBLITY CENTRE</b>	<b>WR-II</b>
<b>B)</b>	<p><b>Technical Specifications:</b>            Ceramic lined pipe lines, Mill Discharge Valve (MDV), Multiport outlet (MPO), Outlet Ventury , Ventury Collar, Inner Cone, Orifice, Various Elbows / Bends, Transition Pieces .The material is to be supplied as per drawings attached with the enquiry. However the specifications of the tiles shall be as follows in all the cases.</p> <ol style="list-style-type: none"> <li>1. Alumina (Al<sub>2</sub>O<sub>3</sub>) content = 90% min</li> <li>2. Hardness = min 8 on MOH's scale</li> <li>3. Bulk density = min 3.2 GM/CC</li> <li>4. Water absorption = Less than 0.5%</li> <li>5. Cold Crushing Strength = min 3000 KG/SQ CM</li> <li>6. Flexure strength = min 2200 KG/SQ CM</li> <li>7. Co-efficient of thermal expansion = 0.0000072 MM/OC (Min)</li> <li>8. Abrasion resistance by impingement = 0.05 GM</li> <li>9. Abrasion resistance by rubbing = 0.1 GM</li> </ol>		