

NTPC LTD

CC-OS

EOC NOIDA

Sub: Qualifying Requirement for Vendor Enlistment for supply of Hydrated Lime

A)	MEG DETAILS		
	1.0	MEG NO.	10MEC-15
	2.0	MEG DESCRIPTION	Hydrated Lime
	3.0	RESPONSIBILITY CENTRE	SR
B)	Technical Criteria of QR: 1. The applicant should be a manufacturer of Hydrated Lime. 2. The applicant should have supplied Hydrated Lime as per IS-1540 part II.		
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 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 works means: Supply of hydrated lime as per IS-1540.	
	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).Where PO value is composite(i.e. including Taxes etc.),the applicant to give item-wise break-up of Composite PO value mentioning Basic Value, Taxes etc.	

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Sub: Technical Specifications for Vendor Enlistment for supply of Hydrated Lime

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B)	<p>Technical Specifications:</p> <p>1. GENERAL</p> <p>The powdered material shall be substantially free from ash, dirt, and other materials. The material shall be packed in new polyethylene - lined HDPE bags of 25 /50 kgs as per site requirement. Unit Measure : MT</p> <p>2. REQUIREMENT</p> <table border="1"> <thead> <tr> <th>S.No.</th> <th>Characteristics</th> <th>Unit</th> <th>Requirement</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Available lime [as Ca(OH)₂], Min</td> <td>% by mass</td> <td>80</td> </tr> <tr> <td>2.</td> <td>Moisture</td> <td>% by mass</td> <td>1.0</td> </tr> <tr> <td>3.</td> <td>Acid insoluble matter (as SiO₂), Max</td> <td>% by mass</td> <td>2.0</td> </tr> <tr> <td>4.</td> <td>Iron (as Fe₂O₃), Max</td> <td>% by mass</td> <td>0.3</td> </tr> <tr> <td>5.</td> <td>Alumina (as Al₂O₃), Max</td> <td>% by mass</td> <td>0.3</td> </tr> <tr> <td>6.</td> <td>Magnesia (as MgO), Max</td> <td>% by mass</td> <td>1.0</td> </tr> <tr> <td>7.</td> <td>Dead burnt lime (as CaO), Max</td> <td>% by mass</td> <td>3.0</td> </tr> <tr> <td>8.</td> <td>Carbon dioxide (as CO₂)</td> <td>% by mass</td> <td>3.5</td> </tr> <tr> <td>9.</td> <td>Manganese (as Mn₂O₃), Max</td> <td>% by mass</td> <td>0.03</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Minimum 95 % Material shall pass through 75 micron mesh . <p>3. Quality Plan:</p> <p>Acceptance of material based on Inspection and testing at NTPC station site for available lime as Ca(OH)₂ and Acid insoluble matter before unloading and for other parameters manufacturers / Govt. laboratory test certificate along with consignment.</p> <p>4. END USE</p> <p>Water Treatment Plant and Chemical Cleaning.</p>			S.No.	Characteristics	Unit	Requirement	1.	Available lime [as Ca(OH) ₂], Min	% by mass	80	2.	Moisture	% by mass	1.0	3.	Acid insoluble matter (as SiO ₂), Max	% by mass	2.0	4.	Iron (as Fe ₂ O ₃), Max	% by mass	0.3	5.	Alumina (as Al ₂ O ₃), Max	% by mass	0.3	6.	Magnesia (as MgO), Max	% by mass	1.0	7.	Dead burnt lime (as CaO), Max	% by mass	3.0	8.	Carbon dioxide (as CO ₂)	% by mass	3.5	9.	Manganese (as Mn ₂ O ₃), Max	% by mass	0.03
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