

**NTPC LTD**

**CC-OS**

**EOC NOIDA**

**Sub: Qualifying Requirement for Vendor Enlistment for supply of Hydrochloric Acid**

A)	MEG DETAILS		
	1.0	MEG NO.	10MEC-16
	2.0	MEG DESCRIPTION	Hydrochloric Acid
	3.0	RESPONSIBILITY CENTRE	CC
B)	<b>Technical Criteria of QR:</b> 1. The applicant should be a manufacturer of Hydrochloric Acid through Chlor-Alkali process 2. The applicant should have supplied Hydrochloric Acid as per IS: 265		
C)	<b>Other Documents to be submitted:</b> 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 Hydrochloric Acid as per IS: 265	
	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 Hydrochloric Acid**

A)	MEG DETAILS		
	1.0	MEG NO.	10MEC-16
	2.0	MEG DESCRIPTION	Hydrochloric Acid
	3.0	RESPONSIBILITY CENTRE	CC
B)	<b>Technical Specifications:</b> As per attached annexure below		

# Specification of Bulk Chemicals:

## 1. Hydrochloric Acid:

Mat. Code : M1020280034

### GENERAL

The material shall be clear liquid, free from dirt, organic matter and other visible impurities.

The material is to be procured directly from manufacturers making caustic soda and chlorine by chloralkali process.

### REQUIREMENT

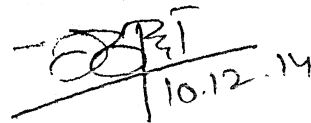
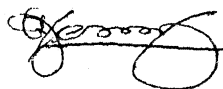
S.No.	Characteristics	Unit	Requirement for Technical Grade
1	Total acidity (as HCl), Min	% by mass	30.0
2	Residue on ignition, Max	% by mass	0.1
3	Sulphates (as H <sub>2</sub> SO <sub>4</sub> ), Max	% by mass	0.1
4	Iron (as Fe), Max	% by mass	0.005 (50 ppm)
5	Free Cl <sub>2</sub> and Br <sub>2</sub> (as Cl), Max	% by mass	0.001(10 ppm)
6	Sulphites (as SO <sub>2</sub> ), Max	% by mass	0.05 ( 500 ppm)
7	Mercury (as Hg), Max	ppm	3

### Quality Plan:

Acceptance of material based on Inspection and testing at NTPC station site for Total acidity, free Chlorine and Bromine before unloading the tanker. **Manufacturers / NABL accredited** laboratory test certificate for all parameters will be required along with consignment.

### END USE

Water treatment plant for regeneration of Cation Exchanger in DM Plant and CPU



10.12.14

H. S. S. Senpa  
AGM(CS)