

NTPC LTD
CPG-1/Raipur

VENDOR DEVELOPMENT CELL

Subject: Qualifying Requirement (QR) for Vendor Enlistment for supply of Polyelectrolyte Chemical for Various NTPC Stations Under 10MEG-40

A	MEG Details		
	1	MEG No.	10MEG-40
	2	MEG DESCRIPTION	Supply of Poly Electrolyte Chemicals: 1. Polyelectrolyte - Anionic Polyacrylamide flocculant 2. Polyelectrolyte - Cationic PolyDADMAC flocculant
	3	RESPONSIBILITY CENTRE	CPG-1/ VDC
4	ENLISTMENT CATEGORY	Category-1	
B	TECHNICAL CRITERIA QR-1: The applicant should be a manufacturer of “at least one” of the polyelectrolyte(s) given at MEG DESCRIPTION “A2” above. <p style="text-align: center;">OR</p> QR-2: The applicant should have supplied “at least one” of the polyelectrolyte(s) given at MEG DESCRIPTION “A2” above meeting the specifications mentioned at Annexure-I , to any Govt/ Semi- Govt/ PSU/ Power/ Process Industry, within last five years from the date of application.		
C	Documents to be submitted as proof of meeting the stipulated Qualifying Requirements: QR-1: Valid factory License/ Consent to operate from any Government statutory body such as Pollution Control Board/ NSIC registration/ any other valid document as proof of manufacturing with mention of any of the following terms: Any one of the chemicals at MEG DESCRIPTION “A2” above/ Poly electrolyte / Poly electrolyte flocculant/ Polyacrylamide flocculant / Anionic flocculant / PolyDADMAC flocculant / PolyDADMAC / Cationic flocculant / Polymer based coagulant / Coagulants / Flocculants. <p style="text-align: center;">OR</p>		

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	<p>Valid Udyam registration certificate mentioning name of any one of the chemicals MEG DESCRIPTION "A2" above / Chemical NIC (5) code(s) and Activity as Manufacturing against the NIC Code.</p> <p style="text-align: center;">AND</p> <p>II) An undertaking on the Company letter pad, duly signed/ stamped, of being a manufacturer of any one of the chemicals MEG DESCRIPTION "A2" above / Polymer based coagulant / flocculant, along with their Works addresses.</p> <p style="text-align: center;">OR</p> <p>QR-2:</p> <p>Copy of Purchase Order(s), corresponding Invoice(s)/ completion certificate for supplying "at least one" of the Poly Electrolyte chemical(s) given at MEG DESCRIPTION "A2" above to any Govt/ Semi- Govt/ PSU/ Power sector or Process industry in the last five years having the specification mentioned at Annexure I.</p> <p style="text-align: center;">AND</p> <p>II) An undertaking on the Company letter pad, duly signed/ stamped, that the vendor will be able to supply at least any one of the chemicals given at MEG DESCRIPTION "A2" above / Cationic flocculant / Anionic flocculant / Polymer based coagulant as per the specification mentioned at Annexure-I, along with their Works addresses.</p> <p>NTPC can ask more documents if felt necessary. Also, all documents/ facilities can be verified / assessed if required.</p>
D	<p>Other Documents to be uploaded: In addition to the documents required in support of Qualifying Requirements as stated at B) above, following documents are also required to be uploaded by the applicants applying for enlistment: -</p> <ol style="list-style-type: none">1. Three PO's of the highest executed values (Refer to Note-2 of "E" below) of similar works (Refer to Note-1 of "E" below) during last 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 PO's.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 results for the preceding financial year is not available, certification of financial

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		statements from a practicing-chartered accountant is to be uploaded. In case, applicant is not able to submit the certificate from practicing chartered accountant certifying its financial parameters, the audited results of the three consecutive financial years preceding the last financial years shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO stating that the financial results are under audit as on date of application and certificate from the practicing chartered certifying the financial parameters are not available.
E	Note-1	Similar works means: Supply of “at least one” of chemicals mentioned at MEG DESCRIPTION “A2” above as per the specification mentioned at Annexure-I .
	Note-2	The executed value means “ Basic value of quantity of similar works 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 of “ any one or more ” of chemicals mentioned at MEG DESCRIPTION “A2” above , (as per the specification mentioned at Annexure-I), Taxes etc.
	Note-3	Other income shall not be considered for computing annual turnover.
	Note-4	For any other Terms & Conditions, Applicants are requested to please refer standard Terms & Conditions available at VDC/CPC portal i.e. https://vendor.ntpc.co.in
	Note-5	Technical Specifications are attached as Annexure-I

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Annexure-I

Sub: Technical Specifications for Vendor Enlistment for supply of Polyelectrolyte Chemical for Various NTPC Stations Under 10MEG-40

A. GENERAL: The material shall be as per the requirement mentioned below.

B. REQUIREMENT:

1. Specifications of POLYELECTROLYTE (Anionic polyacrylamide flocculant) - M1010637145

S.N.	Characteristics	UOM	Requirement	REMARKS
a.	Appearance	-----	Solid, granular (having flocculation property)	To be tested at Chemistry lab
b.	pH of 0.1% solution	-----	6.0-8.0	-do-
c.	Particle size	mm	0.5-0.8	Manufacturer's test certificate/COA
d.	Acrylic acid content	% by wt	Min 17	-do- [note (iii)]
e.	Viscosity of 0.5 % (w/v) solution	centipoise	300-600	-do-
f.	Solid Content	% by wt	Min 88.0	-do-
g.	Water insolubility	% by wt	Max 0.5	-do-
h.	Bulk Density	g/cm ³	0.6-0.8	-do-

- i. Packing: 25-50 Kg HDPE/PVC/Plastic Drums with moisture proof double lining bags.
- ii. Testing Requirement: The party should submit a test certificate on Toxicological test for the manufactured POLYELECTROLYTE (Anionic polyacrylamide flocculant) from Indian Toxicological Research Centre, Lucknow (presently known as IITR) or any other institute / laboratory under CSIR / Govt. of India for Acute Oral Toxicity in Rodent (Single Sex) or Sub-Acute Oral Toxicity in Rats (28 days).
- iii. Agency must provide Test report/ certificate for all parameters mentioned at S.no. B.1.b to B.1.h from Government lab/ Manufacturer Lab/ NABL accredited Lab, for each consignment.
- iv. First two parameters (B.1.a & B.1.b) will be tested at NTPC site laboratory for material acceptance.

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2. Specifications of POLYELECTROLYTE (Cationic Poly DADMAC flocculant) - M1010638041

S.N.	Characteristics	UOM	Requirement	REMARKS
a.	Appearance	----	Colorless to Pale Yellow Liquid	
b.	Active Component	-----	Poly DADMAC	
c.	Ionic Charge	-----	Cationic	Manufacturer's test certificate/COA
d.	Solid Active content	% by wt	Min 40.0	-do- [note (iii)]
e.	Form		Liquid	

- i. **Packing:25-50 Kg HDPE Carbouys.**
- ii. **Testing Requirement: The chemical should be nontoxic and suitable as coagulant in pre-treatment of DM Plant and drinking water process applications. The vendor has to submit declaration/ certificate regarding non-toxicity of product at the time of supply.**
- iii. **Acceptance of material based on test certificate for parameters mentioned at S.no. B.2.b to B.2.d from Manufacturer Lab/ Government lab/ NABL accredited Lab, along with consignment. Physical inspection and weighment will be carried out at NTPC station site.**