

Annexure A

Sl no.	Description	BHEL Required Value	Vendor to specify /confirm	Vendor offered values	Vendor Remarks (if any)
1.0	Technical Parameters				
1.1	Output between regeneration (OBR) of SAC & SBA	330m ³ (Minimum)	Vendor to specify		
1.2	Outlet flow	15m ³ /hr (Minimum)	Vendor to specify		
1.3	SAC resin make & name	---	Vendor to specify		
1.4	SBA resin make & name	---	Vendor to specify		
1.5	Regenerant used for SAC	Hydrochloric acid with 30% concentration	Vendor to note & confirm		
1.6	Regenerant used for SBA	Caustic soda lye with 46% concentration	Vendor to note & confirm		
1.7	Quantity of 30% concentration Hydrochloric acid used for SAC regeneration	240 Kg (Maximum)	Vendor to specify		
1.8	Quantity of 46% concentration caustic soda lye used for SBA regeneration	135 Kg (Maximum)	Vendor to specify		
2.0	Outlet water quality parameters				
2.1	Total Chloride (ppm)	Traces	Vendor to Specify		
2.2	Conductivity (Micro S/cm)	Less than 10	Vendor to Specify		
2.3	pH	6.5 to 9.3	Vendor to Specify		
2.4	Total Hardness (as CaCO ₃), mg/lit	0	Vendor to Specify		
3.0	Documents				
3.1	Complete MSDS of all the resins along with supply	---	Vendor to confirm		
3.2	At least 1 PO copy for supply of the resins quoted above, in any Demineralize water treatment plant in last 5 years	---	Vendor to confirm		

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3.3	Valid Certificate of authorised dealer of OEM (in case vendor is not OEM) with validity of the certificate written over it	---	Vendor to specify		
4.0	Packaging & Inspection				
4.1	Every resin shall be supplied in HDPE bags with resin name and quantity printed on it for identification	---	Vendor to confirm		
4.2	Physical inspection of the bags shall be carried out at BHEL Jhansi	---	Vendor to confirm		
5.0	Warranty & Expiry				
5.1	Expiry certificate to be submitted along with supply for expiry date of resins with minimum 3 years from date of supply	---	Vendor to confirm		
5.2	Warranty certificate to be submitted along with supply for meeting the desired water quality parameters (in SI no. 6 of Annexure 1) for a period of 1 year from the date of supply	---	Vendor to confirm		

Note: All the above resins shall be procured from a single vendor and of single make, on overall L-1 price. So vendors have to quote for all the items of any one of the specified makes (Indion/ Thermax/ Lanexess/ Dow Chemicals/ Purolite) for the resins. Failing to do so will lead to disqualification of the vendor from the tender.

[Signature]
(Dy. mgr / services)

[Signature]
(Dy. mgr / WEX)

[Signature]
(manager / WEX)

Sr. mgr / WEX *[Signature]*
A GM / WEX *[Signature]*
8/9/2019