

	BHEL: BAP: RANIPET Water Systems Pre-Qualification Requirement (QR) for Cooling Water Treatment Plant	Ref:	CWTP: Sagardighi
		Dt:	16.08.2021
		Rev:	00

## **PRE-QUALIFICATION REQUIREMENT**

The Qualification requirements for Cooling Water Treatment Plant (CWTP) and accessories are listed below, and bidder should meet the same.


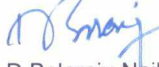
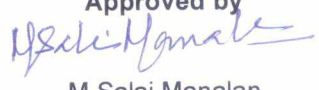
**Bidder should have Designed, Manufactured, Supplied & Commissioned at least one CW treatment Plant which should have used chemicals for cooling water treatment (i.e. Corrosion inhibitor / scale inhibitor) in Thermal power station unit or in a similar industry/application. The circulating water treatment should have been envisaged for a minimum Circulating water flow of 10,000 m<sup>3</sup>/hr for the referred plant.**


Documentary evidence to be submitted by the bidder (in support of meeting Qualification requirement) along with the bid.

1. Performance certificate from the end user for the successful operation of the reference plant for minimum one year as on date of technical bid opening.
2. Purchase Order copy for the reference plant
3. Supporting documents clearly indicating capacity of CW Treatment Plant and treated water parameters shall be provided.

### **General**

1. Supplier should be a manufacturer for the CWTP package dealing with the package on regular basis.
2. Bidders who defaulted, in any of the previous tenders floated by BHEL are not permitted to respond. Such offers, if found later, will not be considered for evaluation.
3. After receipt of offers, during scrutiny, if any vendor found to have been banned by BHEL, then their offer will be summarily rejected at any stage.
4. In case BHEL decides, bidder to arrange necessary permission to visit the reference plant furnished by the bidder for meeting the PQR requirements.

Prepared by  Ananta Karmakar	Checked by  D Balaraju Naik	Approved by  M Salai Manalan
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### Annexure-I

### Qualification Requirement Datasheet

#### A. Customer details: -

- a) Name :
- b) Designation :
- c) Mobile :
- d) Land line :
- e) Fax :
- f) Email id :
- g) Postal address :

#### B. Plant Details: -

Date of Supply :

Date of commissioning:

Sl. No.	Parameters	Unit	Value
1.	Circulating water flow	m <sup>3</sup> /hr.	
2.	Cycle of Concentration of CW system		
3.	Details of CWT dosing systems a. Corrosion rate i. On MS ii. On Cu iii. On SS304 b. Scaling c. Pitting corrosion rate d. TVC e. SRB	mpy mpy mpy mg/dm <sup>2</sup> /day mpy counts/ml counts/100ml	

Signature of the Vendor