

Cooling tower specification – 200 Cu. Meter / Hr. for the Indent No. D83080020

SL.NO	DESCRIPTION	SPECIFICATION
	Cooling Tower Type	Counter flow tower
	Flow rate	200 Cu. Meter / Hour
	Number of Cell	1
	Air Inlet Temperature	Ambient
	Water Inlet Temperature to the cooling tower	50 Deg. C.
	Temperature Difference required	Minimum 15 Deg.C
	Type	Splash Fills
	Evaporation loss	Maximum 2.5%
	Drift loss	Maximum 0.05%
	Blow down loss	Maximum 0.9%
	Total makeup Qty	Maximum 3.2%
	Material to be used for counter flow of water in the cooling tower	Pultruded FRP.

Water tank available for building the cooling tower is (length – 6.15 Meter , Width – 3.82 Meter and Height – 2.5 Meter)

BHEL will provide the following at the free of cost.

Water pipe line up to cooling tower and water line from the cooling tower to machine.

Crane requirement for building the cooling tower

Unloading of materials at BHEL works from the supplier's transport carrier

Electricity requirement for the work carried out in BHEL site.

Note:-

All the Bill of materials must be indicated by the supplier in their technical offer.

Supplier may visit our site before giving their offer.

No variation is permitted once technical bid is opened and the price offered is the firm price till completion of work.

Supplier should give 24 Months warranty from the date of commissioning. During this period any problems noticed , supplier should solve the problem at free of cost including materials replacement. No extra cost will be given to supplier for solving this problem.



PQR for Counter flow cooling tower (Indent No. D83080020)

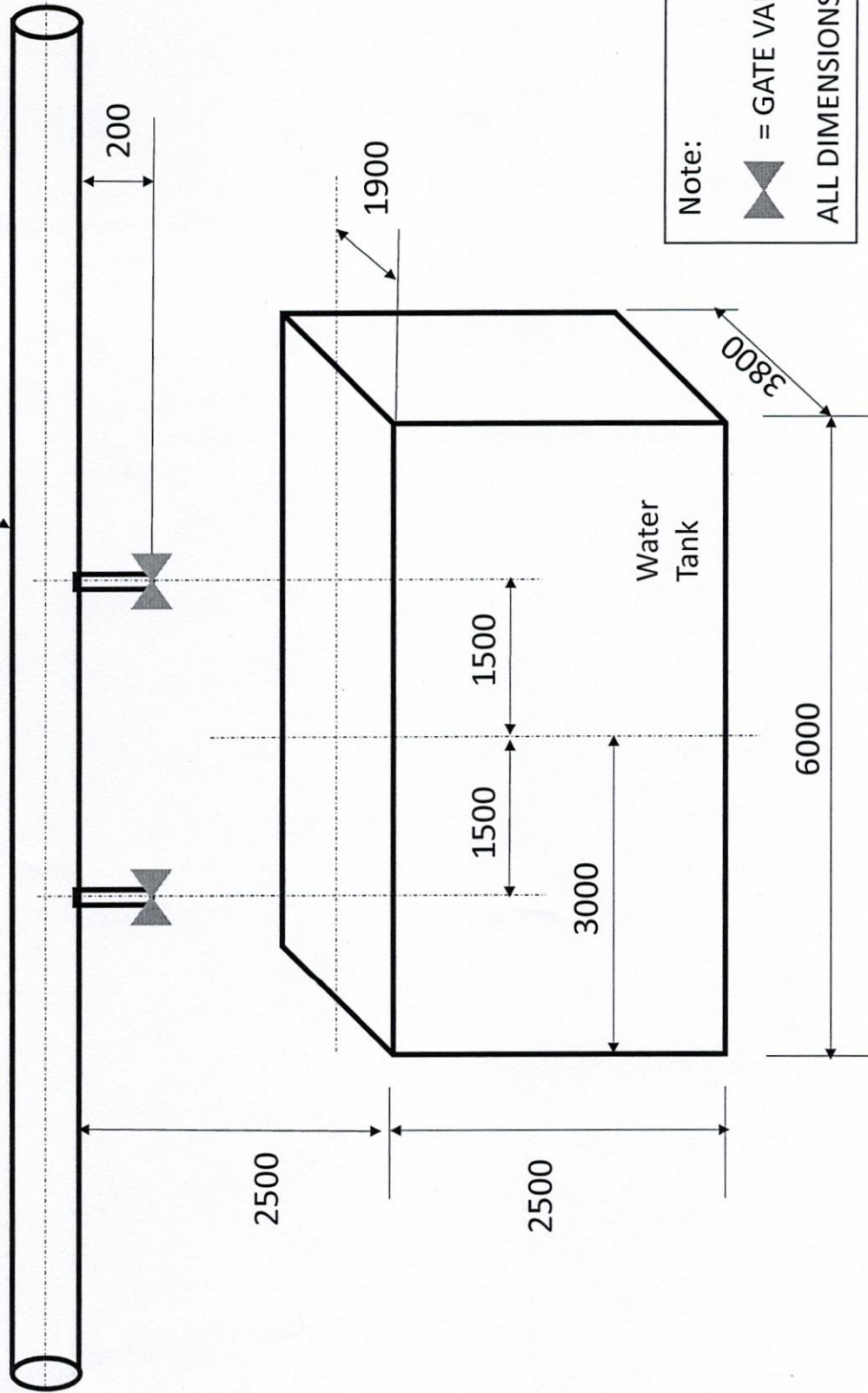
1. Supplier must be a manufacturer / Authorized dealer / Authorized service provider
2. Supplier must enclose minimum Copy of One purchase order copy / Invoice copy for their supply of cooling tower to their previous customers of minimum One number 100 Cu. Meter / Hour flow rate in the last Two years along with their technical bid.

Technical offers with out supporting document given in point No.2 will not be considered for price bid opening.



Inlet Water Pipe to Cooling Tower

3" Pipe



Note:

[Gate Valve Symbol] = GATE VALVE

ALL DIMENSIONS ARE IN mm

Existing cooling tower pipe line & water tank details.

Indent No. D830.8.0020.

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