

BNPM/TEN/ SHES /239/2017-18	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	Cover Sheet
	CORRIGENDUM NO. 1 Supply of heat exchanger system	SHEET 1 OF 2

**CORRIGENDUM NO. 1 DATED 20.11.2017**

**PURCHASER : BANK NOTE PAPER MILL INDIA PRIVATE LIMITED**

**PROJECT : 12000 TPA BANK NOTE PAPER MILL PLANT**

**LOCATION : MYSORE, KARNATAKA**



**ISSUE  
R0**

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**1.0 SCOPE OF THIS CORRIGENDUM**

1. Details provided in this corrigendum shall override those mentioned in the tender no. BNPM/TEN/ SHES /239/2017-18 Dated: 11.10.2017.
2. Except for details mentioned herein, all other details contained in the tender no. BNPM/TEN/ SHES /239/2017-18, dated: 11.10.2017 shall remain unchanged.
3. **Due date of bid submission:**

Closing date and time for receipt of tenders	27.11.2017; 1500 hrs.
Time and date of opening of techno-commercial bid	27.11.2017; 1530 hrs.

**4. Clarification to bidders' queries:**

Sl. No.	Query raised by bidders	Action/Clarification incorporated in this Corrigendum
1	Tender specify for Spiral Heat Exchanger System - please inform that we can supply only spiral heat exchanger and water pump etc. will not be in our scope. We inform/confirm the same during our visit. Please clarify.	The supply, if any and erection of pump and pipelines shall be in Purchaser's scope. However, for more clarification please refer answer to query at Sl. No. 3.
2	Inlet cooling water to heat exchanger specified as Ambient : Please provide the ambient temp in deg. C , so that we can consider the same for design	The inlet Average temperature of cooling water shall be taken as 30° C.
3	Please provide the operating pressure, pressure drop & design pressure on both sides of heat exchanger. It's required for designing/providing the required thickness of plate material.	The effluent will be available at normal atmospheric pressure. If any collection tank and pumping arrangement is required for the effluent the bidder shall mention the sizing of the tank/ pump so required. The operating pressure for the heat exchanger shall be designed by the bidder, taking into consideration the cooling water connection shall be taken



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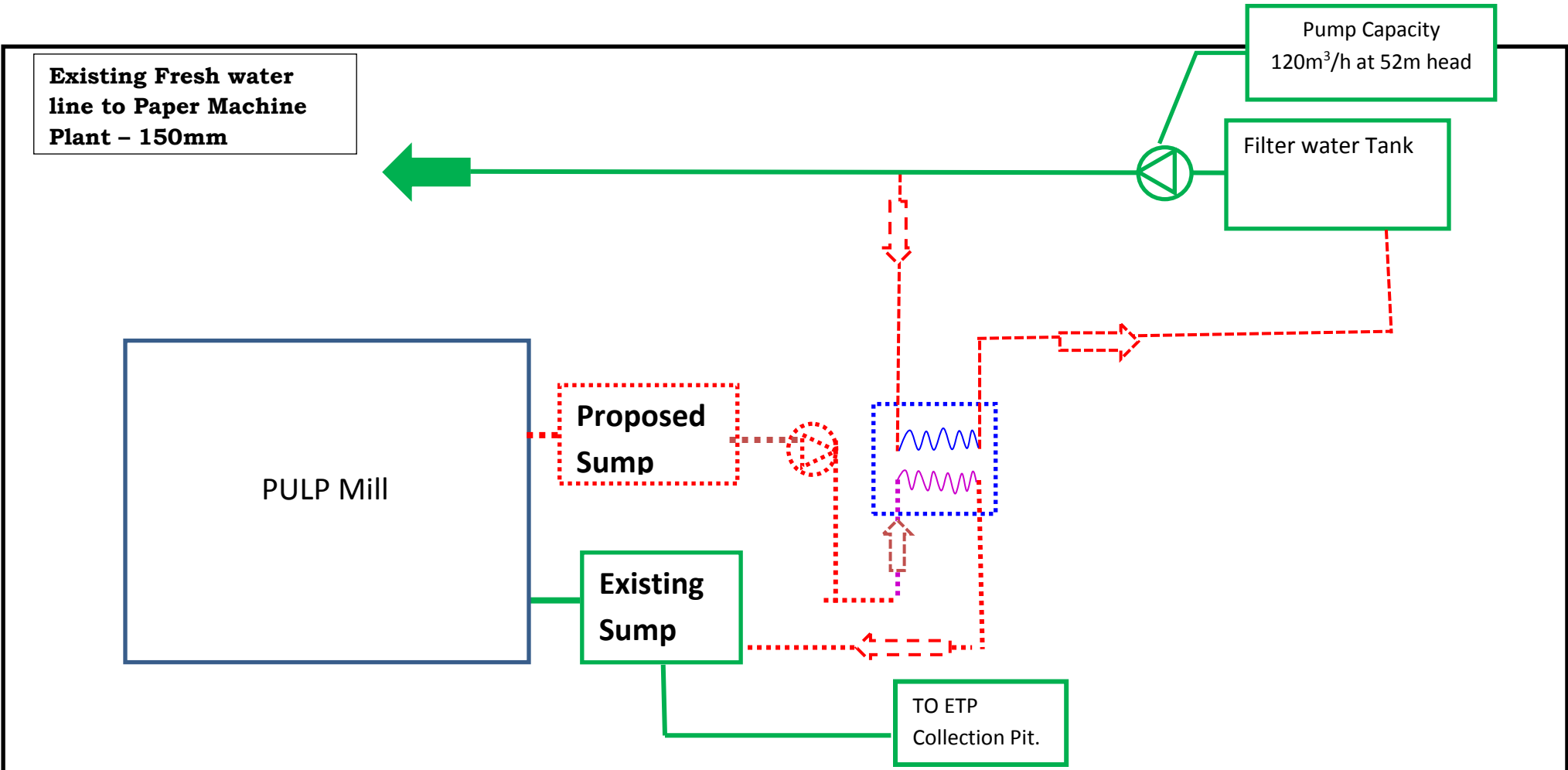
		from fresh water line which is running near to the installation of the SHE (150 NB size, Pump rated flow 120 m3/h at 50m head). Sizing of cooling water pipeline from existing fresh water line to the heat exchanger and back to the clarifier in WTP should be provided by the bidder to BNPM (located at around 40m from the location of the Heat exchanger). (Refer attached Diagram A)
4	Also please note under special note of technical spec, it's mentioned as party is advised to visit the site to understand the requirement. -Please get it clarify (As we have already visited the site).	As you have already visited the site, you may not require to visit again. However, you should confirm you have understood the scope of work as per requirement.
5	What is maximum flow rate of cooling water you can provide?	The cooling water line taping needs to be taken from the fresh water line (150 NB size, Pump rated flow 120 m3/h at 50m head) located at around 40m from the location of the Heat exchanger. Sizing of cooling water pipeline from existing fresh water line to the heat exchanger and back to the clarifier in WTP should be provided by the bidder to BNPM. Flow rate of cooling water shall be decided by the bidder (however maximum 50m3/hr of cooling water can be provided) and the pipeline sizing shall be done accordingly and submitted by the bidder.
6	What is the operating pressure on Effluent side & Cooling water side?	Refer answer to query at Sl. No. 3.
7	What is the required design & test pressure for Spiral HE?	The design of the Heat Exchanger shall be done by the bidder. Test pressure shall be as per the relevant standard.



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8	<p>As Spiral HE is a static mechanical equipment, erection &amp; commissioning will not require special expertise. User can easily carry out piping as per drawing.</p> <p>Hence we prefer to have our scope of work limited up to supply of spiral HE. We shall depute our representative during start-up of spiral HE after completion of piping &amp; connections at your end.</p> <p>It means scope of work will be Supply and Supervision of commissioning of Spiral HE. Kindly confirm.</p>	<p>OK.</p> <p>Bidder's cope of work will be supply and supervision of erection &amp; commissioning of heat exchanger system.</p>
9	<p>We understand that all piping and pumps are not in our scope. The same will arranged by you. Kindly confirm.</p>	<p>The supply, if any and erection of pump and pipelines shall be in Purchaser's scope. However for more clarification please refer answer to query at Sl. No. 3.</p>





Note: Mentioned in dotted line shall be designed by the bidder. Pipeline/equipment sizing shall be mentioned by the bidder.

Green colour: existing system

Red colour: Proposed system

Party shall visit to BNPM to understand the Scope of the work.

**DIAGRAM A**

