

BNPM/NCB/WSR/1182/ 2020-21 dated 22.03.2021	<p align="center"><b>BANK NOTE PAPER MILL PRIVATE LIMITED</b></p> <p align="center"><b>SUPPLY OF WET STRENGTH RESIN (EPICHOLORO – HYDRIN BASED POLYAMIDE RESIN) ON AS SUCH BASIS</b></p> <p align="center"><b>CORRIGENDUM NO. 1</b></p>	SHEET 1 OF 1
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**CORRIGENDUM No. 1, DATED 08.04.2021**

**FOR**

**e-TENDER NO. BNPM/NCB/WSR/1182/2020-21 dated 22.03.2021**

**SUPPLY OF WET STRENGTH RESIN (EPICHOLORO –HYDRIN BASED  
POLYAMIDE RESIN) ON AS SUCH BASIS**

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

**PROJECT : 12000 TPA BANK NOTE PAPER MILL AT MYSORE**

**LOCATION : MYSORE, KARNATAKA**



**BANK NOTE PAPER MILL INDIA PRIVATE LIMITED  
NOTE MUDRAN NAGAR  
MYSORE 530005**



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BNPM/NCB/WSR/1182/ 2020-21 dated 22.03.2021	<b>BANK NOTE PAPER MILL PRIVATE LIMITED</b>		SHEET 1 OF 1
	<b>SUPPLY OF WET STRENGTH RESIN (EPICHOLORO – HYDRIN BASED POLYAMIDE RESIN) ON AS SUCH BASIS</b>		
	<b>CORRIGENDUM NO. 1</b>		


**1.0 SCOPE OF THIS CORRIGENDUM**

This corrigendum dated 08.04.2021, is issued for technical clarification submission of tender floated on 22.03.2021

Except for details mentioned herein, all other details contained in the tender no. BNPM/NCB/WSR/1182/2020-21 dated 22.03.2021, shall remain applicable and unchanged.

**2.0 CLARIFICATIONS:**

S.No	Observation from prospective bidder	BNPM Reply
(i)	Does BNPM currently have the equipment & capacity to check AOX level of the material supplied to them on every consignment? If not, How is the conformance to technical specification ensured for every consignment?	Procurement of AOX analyzer is under progress. Therefore, supplier is required to submit the test certificate from any NABL accredited labs. BNPM reserve the right to test the same at our end. The test results at BNPM shall be final and binding.
(ii)	Please share the name of the Instrument Make and Model number being used for testing AOX level at BNPM	
	Please Share the testing Standard used	ISO-9562
(iii)	Please share details of BNPM approved 3rd party laboratory which can test and Approve the AOX level in WSR?	Any NABL accredited Labs
(iv)	Please Clarify if 20% basis means 20% solid content basis of WSR or Supplied WSR (as such) diluted to 20% in water & then tested.	20% solid content basis.
(v)	Please share the method of determining the specific invoices for evaluation of performance	WSR supplied vide batch of invoices between two boil outs i.e., approx.21 days shall be determined for evaluation of performance.



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(vi)	Does BNPM undertake to use a single party's WSR between two boil-outs (21 days) to evaluate Coating?	Yes
	If not, please share the method of determining performance in such cases	Answered above is yes, therefore it is not applicable
(vii)	Does BNPM undertake to use a Single party's WSR continuously for a minimum of 800 MT of paper yield from the mold to evaluate the life of mold cover? If not, please share the method of determining performance in such cases where multi-party material is used	Yes, BNPM uses single party WSR for a minimum of 800 MT
(viii)	Does BNPM undertake to use a single party's WSR in both the machines for a minimum of 800MT parallelly? If not, please share the method of determining performance in such cases	
(ix)	(The corrosivity of some other supplier's WSR used parallelly may influence the wear and tear of the mold on subject machine mold due to common water system)	Answered above Sl.No (vii & Viii), therefore, it is not applicable
(x)	e. Why has BNPM modified the pH specification to accept a higher acidity material? ( pH 5.5 to 7 previously to 4.5 to 7 currently)	The lower WSR pH is not going to effect the mould cover as we are maintaining the stock pH at mould is more than 7. Little lower pH helps in stabilsing the WSR.
(xi)	It is well known that more acidic materials are more corrosive to metals & get worn out faster. Please clarify.	Answered above Sl.No (x)



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(xii)	Does BNPM undertake to not use any corrosive raw materials in the paper machine which may corrode the Mould cover apart from WSR?	BNPM uses Standard receipt which does not have harm or corrosive effect on mould cover.	
(xiii)	Including acids, alkalis & oxidizing/bleaching agents that are detrimental to the life of the mold cover?		
(xiv)	How does BNPM identify and isolate wear and tear due to WSR from other corrosive materials in the furnish?		
(xv)	What system does BNPM follow to satisfy the supplier that corrosion due to other factors are not misinterpreted as that of WSR?	In Last few years BNPM experienced that corrosion is mainly due to WSR only.	
(xvi)	Does BNPM have a reasonable explanation if the same lots of WSR show different levels of Corrosion and coating when used in parallel on both machines?	BNPM has observed corrosion and coating while usage in parallel on both machine. BNPM never observed corrosion in approach flow system as all machine parts are of SS material.	
(xvii)	i. Does BNPM undertake to use no other water-soluble oppositely charged materials in the furnish which may interact with WSR and precipitate to form a coating in the approach flow lines?	Oppositely charged material (CMC) are added as a carrier for WSR which is known standard followed by Bank Note Paper Mills.	
(xviii)	If not, how does BNPM Isolate the coating due to WSR only?	In Last few years BNPM experienced that coating is mainly due to WSR only.	
(xix)	Please share the list of approved brands and make of WSR that have been previously used by BNPM and meets the current performance criteria.	Not relevant to the tender	



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<table border="1"> <tr> <td data-bbox="220 555 308 728">         (xx)       </td> <td data-bbox="308 555 853 728">         Please specify the BNPM accepted          method/levels of classification of WSRs into          different Generations in lieu of universal          classification.       </td> <td data-bbox="853 555 1436 728">         Enclosed as Annexure-1       </td> </tr> </table>				(xx)	Please specify the BNPM accepted method/levels of classification of WSRs into different Generations in lieu of universal classification.	Enclosed as Annexure-1
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Annexure -1

WSR Generations					
Attribute	Generation 1	Generation 1.5	Generation 2	Generation 2.5	Generation 3.0
1,3-DCP Level (Wet product basis)	~10000 ppm	5000 ppm	<1000 ppm	<700 ppm	<10 ppm
3-MCPD Level (Wet product basis)	>1000 ppm	<1000 ppm	<1000 ppm	<700 ppm	<10 ppm
% AOX Level (20% basis)	>0.80 wt %	<0.80 wt %	<0.60 wt %	<0.25 wt %	<0.20 wt%

