

BNPM/NCB/LPS /880/2018-19	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	Cover Sheet
	CORRIGENDUM NO. 1 Supply, Installation, Testing & Commissioning of Lightning Protection System at BNPM Plant, Mysuru	Sheet 1 of 4

CORRIGENDUM NO. 1 DATED 01.04.2019

FOR

TENDER No.

BNPM/NCB/LPS/880/2018-19 DATED 25.01.2019

FOR

**Supply, Installation, Testing & Commissioning of Lightning Protection System at BNPM Plant,
Mysuru**

PURCHASER : BANK NOTE PAPER MILL INDIA PRIVATE LIMITED

EQUIPMENT : LIGHTNING PROTECTION SYSTEM

LOCATION : BNPM PLANT, MYSURU, KARNATAKA



**ISSUE
R1**

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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/NCB/LPS/880/2018-19 Dated: 25.01.2019

2. Except for details mentioned herein, all other details contained in the tender no. BNPM/NCB/LPS/880/2018-19 Dated: 25.01.2019 shall remain unchanged.

3. Due date of bid submission:

Closing date and time for receipt of tenders	19.04.2019; 1600 Hrs.
Time and date of opening of techno-commercial bid	19.04.2019; 1630 Hrs.

4. Clarification to bidders' queries:

Sl. No.	Bidders Queries	Action/Clarification incorporated in this Corrigendum
1.	<p><u>Section VI: List of Requirement:</u></p> <p>i) The BOQ does not contain the lightning arrestors.</p> <p>ii) No Lightning Counters in the BOQ.</p> <p>iii) Normally all lightning arrestors down conductors of Copper type whereas here GI strip is mentioned.</p> <p>iv) Type of Lightning Arrestor also to be provided</p>	<p>i) Earth strip is used for lightning protection (as per mesh method) above the building, hence separate lightning arrestors are not required.</p> <p>ii) This system is conventional mesh method lightning system above buildings, hence lightning counters are not required.</p> <p>iii) Down conductors can be GI or Cu based on required. Submit offer as per tender requirement.</p> <p>iv) Earth strip is used for lightning protection (as per mesh method) over building, hence, separate lightning arrestors are not required.</p>
2	<p><u>SECTION VII - Technical Specifications:</u></p> <p>As per the TCE.5783A-A-D-LTG-213 - Specific Requirement for lightning Protection, it was understood that Air Termination System is in the Scope of the Contractor. However, the Qty is not Provided in the Bill of Materials.</p>	<p>Mesh method air termination system is used. Refer detailed drawings for the same.</p>



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	Also, it was indicated that, Lightning Protection Supply Materials shall confirm Current applicable standards (IEC 62305 - Protection against Lightning). Please confirm on IEC 62305 which was Classified under 4 Parts i.e., Majorly IEC 62305-3-Physical Damage to Structures and Life Hazard, IEC 62305-4 Electrical and Electronic Systems within Structures.	All the 4 parts of IEC 62305 shall be used.
3.	<u>SECTION XI - Price Schedule:</u> Details and quantity about Lightning Arrestor's not provided. Please provide detail specification and quantity for the Lightning Arrestor to be used.	This system is conventional mesh method lightning system above buildings, Earth strip is used for lightning protection. Hence, separate lightning arrestors are not required. Refer detailed drawings for the same.
4.	<u>SECTION XI - Price Schedule:</u> Item No 3, Earth Electrode; it was mentioned as "Watering Facility shall be provided to the Electrode Pit". It means Installing Funnel Above the GI Electrode is calling as Watering Facility or any other arrangement has to be done for Every Pit. Also, Please confirm, number of Earth Pits considered per Lightning Arrestor.	Refer the standard earth pit drawing TCE.5783A.GL-SK-2010 for earth pit details
5.	For Earth Electrode in Item No. 3, it was indicated as Salt and Charcoal shall be used as mixture, Where in as per the Drawing TCE.5783A-GL-SK-2010, REV.R0, it is indicated as Charcoal and Salt around Electrode / Bentonite. Please confirm, whether Bentonite Powder can also be used instead of Charcoal and Salt.	Charcoal & Salt should be used



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6.	SECTION C: TCE.5783A-A-D-LTG-213 – SCOPE, it was indicated as Project Layout drawings enclosed with the specifications and the same were not shared with the Tender Documents. However, it was understood during Site visit that, For Security Reasons, the Layout's has not been shared. We request to provide basic dimensional drawings showing Length, Width and Height of the Buildings, as running Down Conductors is the major challenge for the Tendered Work.	Refer the detailed drawings for better understanding of the requirement.
7.	Please confirm, whether quantity variation is applicable for the subjected Work.	New Clause has been added: SCC Clause no. 20: Quantity variation upto +/- 25% is permitted. However, L-1 status shall be decided based on the quantity provided in the price schedule (Section: XI).

