

BNPM/ICB/UWALFI/10 99/2019-20	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	SHEET 1 OF 1
	Tender for Supply, Installation, Commissioning & Training of Universal Weathering & Light Fastness Instrument at BNPM Plant, Mysuru CORRIGENDUM NO. 3	

CORRIGENDUM No. 3, DATED 23.03.2020

FOR

TENDER NO. BNPM/ICB/UWALFI/1099/2019-20 Dated 28.01.2020

**TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING
& TRAINING OF UNIVERSAL WEATHERING & LIGHT
FASTNESS INSTRUMENT AT BNPM PLANT, MYSURU**



BNPM/ICB/UWALFI/1099/2019-20	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	SHEET 1 OF 1
	Tender for Supply, Installation, Commissioning & Training of Universal Weathering & Light Fastness Instrument at BNPM Plant, Mysuru CORRIGENDUM NO. 3	

1.0 SCOPE OF THIS CORRIGENDUM

1.1 This corrigendum dated 23.03.2020, is issued for,

- (a) The tender due date extension for submission of tender floated on 28.01.2020.
- (b) Technical clarifications raised in pre-bid meeting.

1.2 Except for details mentioned herein, all other details contained in the tender no. BNPM/ICB/UWALFI/1099/2019-20 Dated 28.01.2020, shall remain applicable and unchanged.

2.0 REVISION TO THE TENDER:-

2.1 Clause no. 1.1 (a) is revised as

Closing date and time for receipt of tenders	03-04-2020 - 1500 Hours
Date and time of opening of Techno-commercial bid	03-04-2020 - 1600 Hours

2.2 Clause no. 1.1 (b) is as below,

S No	Tender Clause	Bidders Query	BNPM Remarks
1.	Section VII #3 – Specific Capability (Must be able to carry weathering test on samples at conditions of 90 °C & 80% RH continuously for at least 15 days and BWS scale 1 to 8)	Tolerance for control to be specified.	<u>Tolerance limit:-</u> Temperature ± 3 °C %RH ± 5 %
2.		Blue wool scale to be elaborated – i.e. requirement of separate sample holder for BWS.	Instrument must be capable to measure complete range of light fastness from BWS 1 to 8. Standard samples of BWS must be provided by the supplier with proper documentation. Any other accessory required for testing of light fastness must be provided by the supplier to make testing self-contained. If separate sample holders are required for BWS, it shall be a part of supply.
3.	Section VII #5 – Reference	4 reference standards have been mentioned. Full	Equipment shall be used for specific capability as mentioned in Sr. No. 3 of



BNPM/ICB/UWALFI/10 99/2019-20	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	SHEET 1 OF 1
	Tender for Supply, Installation, Commissioning & Training of Universal Weathering & Light Fastness Instrument at BNPM Plant, Mysuru CORRIGENDUM NO. 3	

	standards (ISO 4892, ISO 16474, ISO 12040, ISO 105-B06 or equivalent)	standard reference along with cycle being observed to be specified for choosing required accessories.	Technical Specifications for materials mentioned in Sr. No. 4 of Technical Specifications and hence, cycles required for these tests must be suitably incorporated in the equipment. Equipment shall also be used for research and development purpose with various customized cycles.
4.	Section VII #6 (1) – Xenon Lamp Technology (High irradiance with low thermal loads using Xenon lamp technology with long operating life)	Value for High irradiance & low thermal loads to be specified.	Irradiance shall be provided by xenon arc lamps and specification for the same is defined as in Sr. No. 6.2.
5.	Section VII #6 (3) – Automatic measurement & control (Irradiance, Black Standard & Test Chamber Temperature, Relative Humidity)	Should Irradiance, Black Standard Temperature, Test Chamber Temperature & Relative humidity be in control simultaneously?	All the measurement related to temperature and RH are required to be automatic and system should be capable of controlling both the parameters automatically after changing the parameters.
6.	Section VII #6 (4) – Long life optical fibres (Suitable to test various environmental conditions and weathering standards including Daylight	Minimum working period of filters suitable to test various environmental conditions including daylight filter, window glass filter & extended UV filter to be specified.	Filters must have at least 3 years of life under normal use of equipment.



BNPM/ICB/UWALFI/10 99/2019-20	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED	SHEET 1 OF 1
	Tender for Supply, Installation, Commissioning & Training of Universal Weathering & Light Fastness Instrument at BNPM Plant, Mysuru CORRIGENDUM NO. 3	

	Filters, Window Glass Filters, Extended UV Filters)		
7.	Section VII #6 (5) – Black Panel Temperature (Suitable for Specific Capability of equipment as mentioned in Sr. No. 2 & 3)	Which is required – Black Standard Temperature (or) Black Panel Temperature inside the exposure chamber?	Black Panel Temperature may be read as Black Standard Temperature as applicable to air cooled models.
8.	Section VII #6 (11) – Programmable Water Spray for dark & light cycles on both sides of samples (Required with in-built water purification tank for supplying pure water to equipment or equivalent)	Should water tank required for water purification tank for supplying water to equipment be inbuilt (or) can be external connected?	Inbuilt-water tank must be an integral part of the equipment.
9.	Section VII #6 (13) – Test Chamber type (Rotating)	Rotation is mandatory	As mentioned in the specification.
10.	Additional information sought by bidders	Test sample dimension	Minimum Sample Width - 1.2 mm Minimum Sample Length – 63 mm Thickness of sample shall be in approximately in the range of 25 -150 µ.

