

BNPM/NCB/261/2025 -26 dated 18.09.2025	BANK NOTE PAPER MILL INDIA PRIVATE LIMITED Tender for Supply, Installation & Commissioning of 40KVA UPS (Parallel Redundant) with inbuilt transformer & UPS power distribution panel at BNPM Plant, Mysuru. CORRIGENDUM NO. 2	SHEET 1 OF 6
<u>CORRIGENDUM NO. 1, DATED 23.10.2025</u> <u>FOR</u> <u>TENDER NO. BNPM/NCB/261/2025-26 dated 18.09.2025</u> TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF 40 KVA UPS (PARALLEL REDUNDANT) WITH INBUILT TRANSFORMER & UPS POWER DISTRIBUTION PANEL AT BNPM PLANT, MYSURU		



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	Tender for Supply, Installation & Commissioning of 40KVA UPS (Parallel Redundant) with inbuilt transformer & UPS power distribution panel at BNPM Plant, Mysuru. CORRIGENDUM NO. 2	

1.0 Details of Corrigendum as under

Sl. No.	Tender clause	Bidders Query	BNPM Reply
1	Page No.44, Section VII - Scope of work & Technical Specifications, Detailed scope of work: Point No.5 Laying and termination of armoured XLPE copper cables (FRLS type) having IS standard 7098/Part-1 from battery bank to each UPS: 300Mtrs approx. (150 Mtrs. each +VE & -VE). Cable size to be decided as per design / current rating. Cables should be laid properly through cable trays.	Cable Type for DC Application: While we typically use Uni-Nyvin cables for DC applications, the tender specifies armoured XLPE copper cables (FRLS). Kindly confirm whether XLPE cables are indeed to be used for all DC cabling, or if Uni-Nyvin cables may be permitted as per standard practice for DC systems.	Cables mentioned above are for cables from Battery bank to UPS which is approximately 150 Metres each. If Uni-Nyvin cables are suitable for 150 Meters length, kindly proceed as standard practice for DC systems.
		Battery Cable Tray: Please clarify whether the cable tray for battery cables falls under the vendor's scope. If it is in the vendor's scope, kindly specify: 1. The approximate length of cable tray to be considered. 2. Any specific routing details or layout drawings available to aid in estimation	Page No.45, Section VII - Scope of work & Technical Specifications, Point No.21 - Bidder has to visit BNPM site before bidding and sending the drawing to BNPM and also to understand the exact requirement of supply and scope of work.
2	Page No.45, Section VII - Scope of work & Technical Specifications, Point No.22 - BNPM's scope: BNPM will provide incoming power	As per Line No. 22 of the tender scope, it is mentioned that BNPM will provide a bypass line for the UPS system. We understand that this dedicated bypass line is	Bypass supply is required. However, it is recommended to visit BNPM site to understand the exact requirement.



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Sl. No.	Tender clause	Bidders Query	BNPM Reply
	supply to 40kVA main and redundant UPS and for bypass application of UPS.	intended to supply regulated power from an alternate source (such as another UPS or SCVS) in the event of an inverter failure, ensuring uninterrupted/regulated power supply. We would like to seek clarification on the following point: If such a regulated alternate power source is not available or applicable in the existing system setup, can we assume that a dedicated bypass line is not required for our UPS system?	
3	Page No.42, Section VII - Scope of work & Technical Specifications, Bill of Materials for UPS Power Distribution Panel, MCBs - Point No.7 – MCB (Bypass Supply), Point No.8 (Bypass to UPS1) &Point No.9(Bypass to UPS2)	Clarification on UPS O/P Panel Design and Bypass Line Requirement - With reference to the UPS output (O/P) panel design and the clarification sought above regarding Line No. 22 of the tender: It is observed that the MCBs mentioned are considered within the scope of the UPS O/P panel. However, this results in both input and output power being routed through the same panel, which may lead to confusion during operation and maintenance, and is generally not advisable from a design and safety standpoint. Based on the site setup and current design	Kindly proceed as per design provided in the tender.



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Sl. No.	Tender clause	Bidders Query	BNPM Reply
		philosophy, such a bypass line is not required for our UPS system	
4	Page No.44, Section VII – Scope of work & Technical Specifications, Detailed scope of work: Point No.1 Supply of 2 x 40 kVA UPS with built-in isolation transformer working in Parallel Redundant system.	The Input Voltage phase and Output Voltage phase are not mentioned. Kindly confirm the Voltage phases.	Detailed technical specifications of 40kVA UPS are included in this corrigendum. Signed & sealed technical specifications to be submitted along with techno-commercial bid.
		Kindly confirm the feeder details of the Power Distribution Panel.	Already given in the tender.
Addition			
5.	Under Section VII – Scope of Work and Technical Specifications & Under Section-VIII – Quality Control Requirements	NIL	Detailed technical specifications of 40 KVA UPS attached.

Section-VIII Quality Control Requirement

S.No.	Feature	Specifications	Whether agreed by the bidder	Deviation if any
1	Type	Online UPS Three phase (Double Conversion)		
2	Capacity	2 x 40 kVA (Parallel Redundant operation)		
	Switching Technology	IGBT based		
3	Input Parameters			
	Phase	3 Phase + Neutral + Ground		
	Voltage	415 AC +/- 15%		



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	Frequency	50 Hz +/- 10%		
4	Bypass Parameters			
	Phase	3 Phase + Neutral + Ground		
	Voltage	415 AC +/- 15%		
	Frequency	50 Hz +/- 10%		
5	Output			
	Output Voltage	415 V AC		
	PF	0.6 to unity		
	THD	<=2%		
6	Overload capability	150% for 60 sec		
7	System Efficiency	>90 %		
8	Output wave form	Pure sine wave output		
9	Isolation Transformer	Required – Inbuilt		
10	Backup time	30 minutes (15 Mins each bank)		
11	Cooling	Forced cooling with redundant fans		
12	Battery Type and Capacity	12V SMF batteries shall be sized to ensure continuous supply to inverter for at least 15 minutes considering PF of 0.9. Battery bank should be separate for each UPS.		
13	Protection	Over load, output short circuit, over/under voltage etc.		
14	Audible alarm	required for Raw supply ON/ OFF		
15	Visual Indicators	Mains on, low battery, over load		
16	Codes / Standards	Quality/ Environment: ISO 9001-2008 Inverter Basic Standard: IS/IEC		
17	Ambient Conditions	Temp: 0 degree to 40 degree Celsius, RH: 95% non- condensing, Air Quality: Normal		
18	Mechanical Characteristics	IP: 20 (minimum) Cable Entry: Bottom		
19	Stand (if required)	suitable stand for UPS and battery		
20	Parallel Redundancy Kit	Required for parallel operation		



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21	Parameter on HMI	Input: Voltage, Current Output: Voltage, Current, Frequency, kVA, kW, PF, Output Load in % Battery: Voltage, Current Temp.: Temperature		
22	Indication on HMI	Input: Rectifier ON / OFF Output: Inverter ON / OFF, Load ON Bypass: Bypass available, Manual bypass ON Battery: Battery Charging/ Discharging, Battery low SW I (Inverter Switch ON), SW b (Bypass Switch ON)		

2.0 PROPOSED EXTENSION FOR BID SUBMISSION DUE DATE

SNo.	Tender clause	Existing	Extended upto
1	NIT, Sec I	Due date & time of bid submission: 23.10.2025, @ 1100Hrs. Tender opening due date & time: 23.10.2025 @ 1130 Hrs.	Due date & time of bid submission: 03.11.2025, @ 1100Hrs. Tender opening due date & time: 03.11.2025 @ 1130 Hrs.

EXCEPT FOR DETAILS MENTIONED HEREIN, ALL OTHER DETAILS CONTAINED IN THE TENDER NO. BNPM/NCB/261/2025-26, dated: 18.09.2025, SHALL REMAIN APPLICABLE AND UNCHANGED.

