



बैंक नोट पेपर मिल इण्डिया प्रा. लिमिटेड
BANK NOTE PAPER MILL INDIA PVT LIMITED
JV of SPMCIL - A Govt. of India Enterprises & BRBNMPL - A Subsidiary of RBI

BANK NOTE PAPER MILL INDIA PRIVATE LIMITED
CIN: U21090KA2010PTC055475 | CORPORATE OFFICE, MYSORE
vaishnavi.shankar@bnpmindia.com
Ph: 0821 2401 175

Open Tender Enquiry No. BNPM/OTE/ Logbooks & Reading Sheets/0495/2022-23
Enquiry for supply of Logbooks & Reading Sheets

Issuing Date & Time: 11.10.2022 15:00 hrs.
Closing Date & Time: 18.10.2022 15:00 hrs.

A. Scope of supply: Supply of following items:

S No	Item Description	UOM	Quantity
1	66 kV Switchyard Daily Log Book - Size of log book : A3 - No of pages (1 sheet = 2 pages) : 60 Pages - Paper thickness : 80 GSM - Printing : Double sided printing - Cover : Hard bound - Binding : Landscape (Edge binding) - Logo : Black & White - Numbering: Required	Nos.	3
2	66 kV Switchyard Reading Sheet - Size of log book : Legal - No of pages (1 sheet = 2 pages) : 120 Pages - Paper thickness : 80 GSM - Printing : Double sided printing - Cover : Hard bound - Binding : Portrait (Centre binding) - Logo : Black & White - Numbering: Required	Nos.	4
3	PM-1 Substation Reading Sheet - Size: SC, - Specification: Center stitching, front & back, numbering: 1,1:2,2:...30,30(Set) " REC - UE 36 PM-1 Substation reading sheet " to be displayed as Title on the front side of Binding book .	Nos.	14
4	PM-2 Substation Reading Sheet - Size: SC - Specification: Center stitching, front & back, numbering: 1,1:2,2:...30,30(Set) " REC - UE 37 PM-2 Substation reading sheet " to be displayed as Title on the front side of Binding Book	Nos.	14
5	Pulp Mill Reading Sheet - Size of log book : Legal - No of pages (1 sheet = 2 pages) : 60 Pages	Nos.	11



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	- Paper thickness : 80 GSM - Printing : Double sided printing - Cover : Hard bound - Binding : Portrait (Centre binding) - Logo : Black & White - Numbering: Required		
6	Utility Substation Reading Sheet - Size: SC, - Specification: Center stitching, back & back, numbering:1-60 "REC - UE 40 Utility Substation reading sheet " to be displayed as Title on the front side of Binding Book.	Nos.	8
7	Mini Press S/S Reading Sheet - Size: DFC - Specification: Center stitching, back & back, numbering:1-60 " REC - UE 39 Mini Press Substation reading sheet " to be displayed as Title on the front side of Binding Book. .	Nos.	8
8	ETP Substation Reading Log Book - Size: DFC - Specification: Center stitching, back & back, numbering:1-120 " REC - UE 41 ETP Substation reading sheet " to be displayed as Title on the front side of Binding Book.	Nos.	3
9	SMF Battery Bank Readings - Size: 1/4 - Specification: Center stitching, back & back, numbering:12,3,..... "REC - UE 43 SMF battery bank check list (for 3 substations) " to be displayed as Title on the front side of Binding Book.	Nos.	2
10	Switchyard Daily Hourly Reading Sheets - Size: SC, - Specification: Center stitching, back & back, numbering:1-50 , "REC – UE 29 Switchyard daily hourly reading sheets " to be displayed as Title on the front side of Binding Book.	Nos.	2
11	KPTCL Metering Bay Daily Reading Sheets - Size:1/4, - Specification: Center stitching, back & back, numbering:12,3,....., "REC - UE 30 KPTCL metering bay daily reading sheets" to be displayed as Title on the front side of Binding Book.	Nos.	2
12	KPTCL Metering Bay Monthly Reading Sheets - Size:1/4, - Specification: Center stitching, back & back, numbering:12,3,....., "REC - UE 31 KPTCL metering	Nos.	2



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	bay monthlty reading sheets" to be displayed as Title on the front side of Binding Book.		
13	DG Daily Record Sheet • Size:1/4 • Specification: Center stitching, back & back, numbering:12,3,....., "REC – UE 05 DG Daily Record Sheet " to be displayed as Title on the front side of Binding boo	Nos.	2
14	MD Reset Register • Size of log Book : Legal, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing : Double sided printing , • Cover : Hard bound , • Binding: Portrait (Center binding) , • BNPM Logo: on top left corner on each page, Numbering: For each page, "REC - UE 54 MD Reset Register" to be displayed as title on the front side of Binding Book with other details..	Nos.	1
15	Transformer Efficiency Checklist • Size of log Book : 1/4, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing: Double sided printing , • Cover: Hard bound, • Binding: Landscape (Center binding) , • BNPM Logo : on top left corner on each page, Numbering: For each page, "REC - UE 53 Transformer Efficiency Monthly checklist " to be displayed as title on the front side of Binding Book with other details.	Nos.	1
16	Barrack, Armoury & Tapping Bay Reading Book • Size of log Book :1/4, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing : Double sided printing , • Cover : Hard bound, • Binding : Landscape (Center binding) , • BNPM Logo : on top left corner on each page, Numbering: For each page, "REC - UE 55 Barrack, Armoury & Tapping Bay Monthly Energy Reading" to be displayed as title on the front side of Binding Book with other details..	Nos.	1
S. No	Particulars	Quantity	



Open Tender Enquiry No. BNPM/OTE/ Logbooks /0495/2022-23

1.	Payment Terms	100% within 30 days from date of receipt and acceptance of goods by the consignee at destination and on production of all required documents by the supplier.
2.	Price	Price should be inclusive of all taxes & duties.
3.	Freight	Shall be included in quoted price.
4.	Packing & Forwarding	Shall be included in quoted price.
5.	Delivery Terms	F.O.R – Bank Note Paper Mill India Private Limited, Mysore.
6.	Warranty Period	 From date of supply at BNPM, Mysuru.
7.	Warranty Certificate	Applicable / Not Applicable
8.	Delivery Period	 Weeks from date of receipt of purchase order.
9.	Validity of Bid	30 days from date of closing of tender.
10.	Material to be delivered at	Engineering Stores, Bank Note Paper Mill India Private Limited, Note Mudran Nagar, Mysore 570 003.
11.	Contact person	Ms. Vaishnavi Shankar P: 0821-2401175

Price Bid Format:

S No	Description	UOM	Qty.	Unit rate	Freight, P&F Charges	GST @ ... %	Unit rate including GST & Freight, P&F Charges	Grand total inclusive of GST and Freight, P&F Charges (F.O.R, BNPM, Mysore)
1	66 kV Switchyard Daily Log Book • Size of log book : A3	Nos.	3					



Open Tender Enquiry No. BNPM/OTE/ Logbooks /0495/2022-23

	- No of pages (1 sheet = 2 pages) : 60 Pages - Paper thickness : 80 GSM - Printing : Double sided printing - Cover : Hard bound - Binding : Landscape (Edge binding) - Logo : Black & White - Numbering: Required							
2	66 kV Switchyard Reading Sheet - Size of log book : Legal - No of pages (1 sheet = 2 pages) : 120 Pages - Paper thickness : 80 GSM - Printing : Double sided printing - Cover : Hard bound - Binding : Portrait (Centre binding) - Logo : Black & White - Numbering: Required	Nos.	4					
3	PM-1 Substation Reading Sheet - Size: SC, - Specification: Center stitching, front & back, numbering: 1,1:2,2:...30,30(Set) " REC - UE 36 PM-1 Substation reading sheet " to be displayed as Title on the front side of Binding book .	Nos.	14					
4	PM-2 Substation Reading Sheet - Size: SC - Specification: Center stitching, front & back, numbering: 1,1:2,2:...30,30(Set) " REC - UE 37 PM-2 Substation reading sheet " to be displayed	Nos.	14					



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	as Title on the front side of Binding Book							
5	Pulp Mill Reading Sheet • Size of log book : Legal • No of pages (1 sheet = 2 pages) : 60 Pages • Paper thickness : 80 GSM • Printing : Double sided printing • Cover : Hard bound • Binding : Portrait (Centre binding) • Logo : Black & White • Numbering: Required	Nos.	11					
6	Utility Substation Reading Sheet • Size: SC, • Specification: Center stitching, back & back, numbering:1-60 "REC - UE 40 Utility Substation reading sheet " to be displayed as Title on the front side of Binding Book.	Nos.	8					
7	Mini Press S/S Reading Sheet • Size: DFC • Specification: Center stitching, back & back, numbering:1-60 " REC - UE 39 Mini Press Substation reading sheet " to be displayed as Title on the front side of Binding Book. .	Nos.	8					
8	ETP Substation Reading Log Book • Size: DFC • Specification: Center stitching, back & back, numbering:1-120 " REC - UE 41 ETP Substation reading sheet " to be displayed as Title on the front side of Binding Book.	Nos.	3					



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9	SMF Battery Bank Readings • Size: 1/4 • Specification: Center stitching, back & back, numbering:12,3,..... "REC - UE 43 SMF battery bank check list (for 3 substations) " to be displayed as Title on the front side of Binding Book.	Nos.	2					
10	Switchyard Daily Hourly Reading Sheets • Size: SC, • Specification: Center stitching, back & back, numbering:1-50 , "REC – UE 29 Switchyard daily hourly reading sheets " to be displayed as Title on the front side of Binding Book.	Nos.	2					
11	KPTCL Metering Bay Daily Reading Sheets • Size:1/4, • Specification: Center stitching, back & back, numbering:12,3,....., "REC - UE 30 KPTCL metering bay daily reading sheets" to be displayed as Title on the front side of Binding Book.	Nos.	2					
12	KPTCL Metering Bay Monthlty Reading Sheets • Size:1/4, • Specification: Center stitching, back & back, numbering:12,3,....., "REC - UE 31 KPTCL metering bay monthlty reading sheets" to be displayed as Title on the front side of Binding Book.	Nos.	2					



Open Tender Enquiry No. BNPM/OTE/ Logbooks /0495/2022-23

13	DG Daily Record Sheet • Size:1/4 • Specification: Center stitching, back & back, numbering:12,3,....., "REC – UE 05 DG Daily Record Sheet " to be displayed as Title on the front side of Binding boo	Nos.	2					
14	MD Reset Register • Size of log Book : Legal, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing : Double sided printing , • Cover : Hard bound , • Binding: Portrait (Center binding) , • BNPM Logo: on top left corner on each page, Numbering: For each page, "REC - UE 54 MD Reset Register" to be displayed as title on the front side of Binding Book with other details..	Nos.	1					
15	Transformer Efficiency Checklist • Size of log Book : 1/4, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing: Double sided printing , • Cover: Hard bound, • Binding: Landscape (Center binding) , • BNPM Logo : on top left corner on each page, Numbering: For each page, "REC - UE 53 Transformer Efficiency	Nos.	1					



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	Monthly checklist " to be displayed as title on the front side of Binding Book with other details.							
16	Barrack, Armoury & Tapping Bay Reading Book • Size of log Book :1/4, • No of pages (1 sheet = 2 pages) : 60 Pages , • Paper thickness : 80 GSM , • Printing : Double sided printing , • Cover : Hard bound, • Binding : Landscape (Center binding) , • BNPM Logo : on top left corner on each page, Numbering: For each page, "REC - UE 55 Barrack, Armoury & Tapping Bay Monthly Energy Reading" to be displayed as title on the front side of Binding Book with other details..	Nos.	1					
Total price inclusive of all tax, freight , P&F & any other charges in figures								
Total price inclusive of all tax, freight , P&F & any other charges in words								

Note: Evaluation shall be done on the basis of overall effective price quoted by the bidder

HSN Code: (_____)

We hereby confirm that

1. We accept all terms & conditions mentioned in the enquiry.
2. Price quoted is inclusive of all taxes, P&F, freight etc. on F.O.R, BNPM, Mysore basis.
3. GST registration status: Unregistered / Compounding / Registered.



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4. Bid validity: 30 days from date of closing of tender including extensions/corrigendum's (if any).
5. Bank Details: Acc. No.; Bank Name:;
Branch name:; Branch Code:;
IFSC:
6. MSEs / NSIC status:

(If yes, then supporting document shall be submitted along with the offer to avail the benefits under the Procurement Policy for MSEs, Order 2012 along with its amendments)

Signature of bidder:.....

Name of the Firm:.....

Seal of the firm:

GST No:

NOTE: Interested bidders are recommended to register themselves at company's website <https://bnpmindia.com/Vendor.aspx> in order to get future enquiries of relevant items





Contractor:
Date:
Day:

66 kV Switchyard Log Book

[illegible]



Bank Note Paper Mill India Limited

Utilities - Electrical

1500 KVA DG SET - Daily Record Sheet

Date	DG RUNNING		Running Hours	VOLTAGE (VOLTS)			FREQ Hz	SPEED RPM	Oil Pressure	Eng.Oil Temp	Battery Voltage	Consumption (KWHrs)		Diesel Level (mm)			Remarks
				R	Y	B						Initial	Final	Initial	Final	Consumed	
	Start Time																
	Stop Time																
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NOTE: 1) DG SET shall run once in a week for half an hour, 2) Lube oil Priming pump shall run daily for 1 minute.

CHECKED BY (O&M)

VERIFIED BY (BNPM)



11 KV Main Switchboard Hourly Readings (SWITCHYARD)								
Date								
Timing	Incomer-01	Incomer-02	Incomer-01	Incomer-02	Incomer-01	Incomer-02	Incomer-01	Incomer-02
00:00								
01:00								
02:00								
03:00								
04:00								
05:00								
06:00								
07:00								
08:00								
09:00								
10:00								
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14:00								
15:00								
16:00								
17:00								
18:00								
19:00								
20:00								
21:00								
22:00								
23:00								
Checked By	Contractor Engg/Sup	BNPM Engineer/Incharge	Contractor Engg/Sup	BNPM Engineer/Incharge	Contractor Engg/Sup	BNPM Engineer/Incharge	Contractor Engg/Sup	BNPM Engineer/Incharge



Bank Note Paper Mill India Private Limited

Daily energy meter reading(KPTCL Metering bay)

RR No.: VV EHT 278

MAIN METER Sl. No.: 15195813

CHECK METER Sl. No.: 15195603

Date/Day

Parameters

Main Meter

Check Meter

Main Meter

Check Meter

Main Meter

Check Meter

T2 r1 MD KVA

T2 r11 MD KVA

T2 r21 MD KVA

T2 r31 MD KVA

T2 r41 MD KVA

T2 r51 MD KVA

T2 r61 MD KVA

T2 r PF

T2 C KWh

T2 C1 KWh

T2 C2 KWh

T2 C3 KWh

T2 C4 KWh

T2 C5 KWh

T2 C6 KWh

T2 C lag KVARh

T2 C LEAD KVARh

T2 C KVAh

T2 -

Name

Sign

Name

Sign

Name

Sign

Taken By

Contractor Sup/Engg

BNPM Engg/Incharge



Bank Note Paper Mill India Private Limited
Monthly energy meter reading(KPTCL Metering bay)

RR No.: VV EHT 278

MAIN METER Sl. No.: 15195813

CHECK METER Sl. No.: 15195603

Month :

Year :

Sl. No.	Parameters	Main Meter	Check Meter	Sl. No.	Parameters	Main Meter	Check Meter
1	T2 U1 V			28	b11 MD KVA		
2	T2 U2 V			29	b12 MD KVA		
3	T2 U3 V			30	b13 MD KVA		
4	T2 A1 A			31	b14 MD KVA		
5	T2 A2 A			32	b15 MD KVA		
6	T2 A3 A			33	b16 MD KVA		
7	T2 pr KW			34	bp1		
8	T2 pr KVAR			35	A		
9	T2 pr KVA			36	T2 r1 MD KVA		
10	T2 pr PF			37	T2 r11 MD KVA		
11	b1 KWh			38	T2 r21 MD KVA		
12	b2 KWh			39	T2 r31 MD KVA		
13	b11 MD KVA			40	T2 r41 MD KVA		
14	b1 PF			41	T2 r51 MD KVA		
15	rc			42	T2 r61 MD KVA		
16	b11 KWh			43	T2 r PF		
17	b12 KWh			44	T2 C KWh		
18	b13KWh			45	T2 C1 KWh		
19	b14 KWh			46	T2 C2 KWh		
20	b15 KWh			47	T2 C3 KWh		
21	b16 KWh			48	T2 C4 KWh		
22	b21 KWh			49	T2 C5 KWh		
23	b22 KWh			50	T2 C6 KWh		
24	b23 KWh			51	T2 C lag KVARh		
25	b24 KWh			52	T2 C LEAD KVARh		
26	b25 KWh			53	T2 C KVAh		
27	b26 KWh			54	T2 -		
		Taken By		Contractor Sup/Engg		BNPM Engg/Incharge	
Name							
Sign							



Bank Note Paper Mill India Limited

Day	Date	Shift A	Shift B	Shift C

66 kV Switchyard Reading

Time	Current (A)			Voltage (kV)			App. Power (MVA)			Act. Power (MW)			Rea.Power (MVAR)			Power Factor			Bkr Counter	Max Demand	Consumption		
	R	Y	B	RY	YB	BR	R	Y	B	R	Y	B	R	Y	B	R	y	B			MVAh	MWh	MVArh
Incomer-1																							
Incomer-2																							
PM-1 O/G Feeder																							
PM-2 O/G Feeder																							
ETP ICOG Feeder																							
Chiller ICOG Feeder																							
Utility ICOG Feeder																							
Pulp Mill O/G Feeder																							

Time	B/C Bkr cntr:	66KV Line CRP MFM												11KV Incomer-01&02 MFM						66KV Line CRP			ACDB
								HV Current (A)			HV Voltage (kV)			LV Current (A)			LV Voltage (kV)			Trivector Meter			
		Freq (Hz)	M.D (MVA)	MW	MVA	MVAr	P.F.	R	Y	B	R	Y	B	R	Y	B	R	Y	B	MWH	MVArh	MVAh	
	Battery Charger - I & II											Transformer - 1					Transformer - 2					ACDB	
Time	Volts (AC) Charg 1	Volts (AC) Charg 2	Amps (AC) Charg 1	Amps (AC) Charg 2	Volts (DC) Charg 1	Volts (DC) Charg 2	Amps (DC) Charg 1	Amps (DC) Charg 2	Earth leakage (mA)	DC Bus Volts (V)	DC Bus Amps (A)	OTI (°C)	HV WTI (°C)	LV WTI (°C)	Tap No.	OLTC COUNT.	OTI (°C)	HV WTI (°C)	LV WTI (°C)	Tap No.	OLTC COUNT.	Voltage (V)	Current (A)

PM-01		PCC-1 Incomer			PCC-2 Incomer			PCC-3 Incomer			PCC-4 Incomer					ENERGY READINGS					
	Shift	A	B	C	A	B	C	A	B	C	A	B	C			A		B		C	
	Bkr Counter															PCC-1					
Power Factor	R													INCOMER	MVAh						
	Y												MWh								
	B												MVArh								
Voltage (V)	RY													PM-1 C/O Panel	MWh						
	YB												PM-1 MPDB O/G								
	BR												APFC Panel O/G								
Current (A)	R															PCC-2					
	Y												INCOMER	MVAh							
	B													MWh							
App. Power (MVA)	R														MVArh						
	Y												PM-1 MCC-12 O/G	MWh							
	B												Admin Bldg PDB								
Act. Power (MW)	R															PCC-3					
	Y												INCOMER	MVAh							
	B													MWh							
Rea. Power (MVAR)	R														MVArh						
	Y												PM-1 MCC-13 O/G	MWh							
	B												Technical Bldg PDB								
		PM-1 C/O Panel O/G			PM-1 MCC-12 O/G			PM-1 MCC-13 O/G			PM-1 MCC-14 O/G				PM-1 SD O/G /1F2						
Bkr Counter															SHEETER 1&2 O/G						
Current (A)	R															PCC-4					
	Y												INCOMER	MVAh							
	B													MWh							
Act. Power (MW)	R														MVArh						
	Y												PM-1 MCC-14 O/G	MWh							
	B												PM-1 EPDB O/G								
		PM-1 MPDB O/G			Admin Building PDB O/G			Technical Building PDB O/G			PM-1 EPDB O/G										
Bkr Counter														300 AH BATTERY BANK CHARGER							
Current (A)	R												DCDB	AC Volts		DC Volts		Battery Bank Voltage	Earth leakage current	Charging Current	
	Y											CH. A		CH.B	CH. A	CH.B					
	B																				
Act. Power (MW)	R												A								
	Y												B								
	B												C								
		APFC Panel O/G						PM-1 SD O/G			PCC-3/SHEETER-1&2 O/G			REMARKS							
Bkr Counter																					
Current (A)	R																				
	Y																				
	B																				
Act. Power (MW)	R														Checked by	Name			BNPM Engineer/Incharge		
	Y													Sign							
	B																				

PM-02		PCC-1 Incomer			PCC-2 Incomer			PCC-3 Incomer			ENERGY READINGS								
	Shift	A	B	C	A	B	C	A	B	C			A		B		C		
Bkr Counter											PCC-1								
Power Factor	R										INCOMER	MVAh							
	Y											MWh							
	B												MVArh						
Voltage (V)	RY										MCC-11 O/G	MWh							
	YB										Lighting C/O Panel								
	BR										SD O/G								
Current (A)	R										PCC-2								
	Y										INCOMER	MVAh							
	B											MWh							
App. Power (MVA)	R												MVArh						
	Y										MCC-12 O/G	MWh							
	B										MPDB O/G								
Act. Power (MW)	R										APFC Panel O/G		MWh						
	Y										SHEETER-03 O/G								
	B										PCC-3								
Rea. Power (MVAR)	R										INCOMER	MVAh							
	Y											MWh							
	B											MVArh							
		PM-2 MCC-11 O/G			PM-2 MCC-12 O/G			PM-2 MCC-13 O/G			MCC-13 O/G	MWh							
Bkr Counter											PM-1 SS C/O Panel O/G								
Current (A)	R										PM-2 EPDB O/G								
	Y										300 AH BATTERY BANK CHARGER								
	B										DCDB	AC Volts		DC Volts		Battery Bank Voltage	Earth leakage current	Charging Current	
Act. Power (MW)	R										CH. A	CH.B	CH. A	CH.B					
	Y										A								
	B											B							
											C								
		PM-2 Lighting C/O Panel O/G			PM-2 MPDB O/G			PM-1 SS C/O Panel O/G			PCC-03/PM-2 EPDB O/G			REMARKS					
Bkr Counter																			
Current (A)	R																		
	Y																		
	B																		
Act. Power (MW)	R																		
	Y																		
	B																		
		PM-2 SD O/G			APFC Panel O/G			PCC-2/ SHEETER-03 O/G											
Bkr Counter																			
Current (A)	R												Contractor supervisor/Engineer		BNPM Engineer/Incharge				
	Y										Checked by	Name							
	B											Sign							
Act. Power (MW)	R																		
	Y																		
	B										REC – UE 37 REV-1 01.02.21								

		Shift	PCC-1 Incomer			PCC-2 Incomer			PCC-3 Incomer			PCC-4 Incomer					ENERGY READINGS										
			A	B	C	A	B	C	A	B	C	A	B	C			A		B		C						
Bkr Counter																	PCC-1										
Power Factor	R														INCOMER	MVAh											
	Y															MWh											
	B															MVArh											
Voltage (V)	RY														Pulp MPDB	MWh											
	YB														Line-2 MCC-1												
	BR														Pulp EPDB												
Current (A)	R																PCC-2										
	Y													INCOMER	MVAh												
	B														MWh												
App. Power (MVA)	R															MWh											
	Y													Line-1 Bivis-1 MCC													
	B													Line-1 Bivis-2 MCC													
Act. Power (MW)	R														Line-1 MCC-2												
	Y															PCC-3											
	B													INCOMER	MVAh												
Rea. Power (MVAR)	R														MWh												
	Y														MVArh												
	B													Line-1 MCC-1													
			Pulp MPDB			Line-1 Bivis-1 MCC			Line-1 MCC-1			Line-2 Bivis-1 MCC					PCC-4										
Bkr Counter														INCOMER	MVAh												
Current (A)	R														MWh												
	Y														MVArh												
Act. Power (MW)	R													Line-2 Bivis-1 MCC	MWh												
	Y													Line-2 Bivis-2 MCC													
	B													MCC Soft Starter													
															300 AH BATTERY BANK CHARGER												
			Line-2 MCC-1			Line-1 Bivis-2 MCC						Line-2 Bivis-2 MCC			DCDB	AC Volts		DC Volts		Battery Bank	Charging Current	Earth leakage current					
Bkr Counter																		CH. A	CH.B				CH. A	CH.B			
Current (A)	R																	A									
	Y																	B									
Act. Power (MW)	R																C										
	Y																		Contractor Supervisor/Engineer		BNPM Engineer/Incharge						
	B																Checked by	Name									
		Pulp EPDB			Line-1 MCC-2			MCC Soft Starter					Sign														
Bkr Counter															Remarks												
Current (A)	R																										
	Y																										
	B																										
Act. Power (MW)	R																										
	Y																										
	B																										



**BNPM
INDIA**

Date

Day

NAME

TIME

Shift A

Shift B

Shift C

Mini Press S/S Reading Sheet

		11KV ICOG(TRANSFORMER)			PCC INCOMER		
	Shift	A	B	C	A	B	C
Bkr Counter							
Max. Demand							
Power Factor	R						
	Y						
	B						
Voltage (V)	RY						
	YB						
	BR						
Current (A)	R						
	Y						
	B						
App. Power (MVA)	R						
	Y						
	B						
Act. Power (MW)	R						
	Y						
	B						
Rea. Power (MVAR)	R						
	Y						
	B						
MVAh							
MWh							
MVArh							
OTI (°C)					<u>Remarks</u>		
WTI (°C)							
Tap No.							
Oil level							
Silica gel condition							

<u>PCC OUTGOING FEEDERS</u>				
		A	B	C
Mini Press PDB-02				
Bkr Counter				
Current (A)	R			
	Y			
	B			
MWh				
CHILLER MCC O/G				
Bkr Counter				
Current (A)	R			
	Y			
	B			
MWh				
APFC O/G				
Bkr Counter				
Current (A)	R			
	Y			
	B			
MWh				
Mini Press EPDB				
Bkr Counter				
Current (A)	R			
	Y			
	B			
MWh				
Mini Press PDB-03				
Bkr Counter				
Current (A)	R			
	Y			
	B			
MWh				
Checked By		Name		Sign
Contractor Sup/Engg				
BNPM Engg/Incharge				

 Bank Note Paper Mill India Limited					Date			Shift A		Shift B		Shift C			
					Day		Name								
							Time								
UTILITY S/S Reading Sheet															
		11KV ICOG(TRANSFORMER)			PCC INCOMER			<u>PCC O/G FEEDERS</u>							
	Shift	A	B	C	A	B	C		A	B	C	A	B	C	
Bkr Counter									Boiler House MCC O/G			APFC Panel O/G			
Power Factor	R							Bkr Counter							
	Y							Current (A)	R						
	B								Y						
Voltage (V)	RY								B						
	YB							MWh							
	BR									Utility EPDB O/G			WTP MCC O/G		
Current (A)	R							Bkr Counter							
	Y							Current (A)	R						
	B								Y						
App. Power (MVA)	R								B						
	Y							MWh							
	B									RMG PDB O/G			Engineering Workshop PDB O/G		
Act. Power (MW)	R							Bkr Counter							
	Y							Current (A)	R						
	B								Y						
Rea. Power (MVAR)	R								B						
	Y							MWh							
	B									Utility MPDB O/G			Boiler House MPDB O/G		
MVAh								Bkr Counter							
MWh								Current (A)	R						
									Y						
MVArh									B						
								MWh							
										Utility Lighting C/O Panel O/G			Boiler House MLDB Lighting C/O Panel O/G		
Max. Demand								Bkr Counter							
OTI (°C)					Checked By			Current (A)	R						
WTI (°C)						Name	Sign		Y						
Tap No.					Contractor Sup/Engg				B						
Oil level								MWh							
Silica gel condition					BNPM Engg										



Bank Note Paper Mill India Limited

Date

Day

Name

Time

Shift A

Shift B

Shift C

ETP S/S Reading Sheet

		11KV ICOG(TRANSFORMER)			PCC INCOMER						
Shift		A	B	C	A	B	C	MWh			
Bkr Counter								A			
Max. Demand											
Power Factor	R										
	Y							B			
	B										
Voltage (V)	RY									C	
	YB										
	BR										
Current (A)	R							REMARKS			
	Y										
	B										
App. Power (MVA)	R										
	Y										
	B										
Act. Power (MW)	R										
	Y										
	B										
Rea. Power (MVAR)	R										
	Y										
	B										
MVAh					PCC OG FEEDER		A			B	C
							ETP MCC O/G				
MWh					Bkr Counter						
					Current (A)	R					
MVArh						Y					
						B					
OTI (°C)					MWh						
WTI (°C)											
Tap No.					Checked By		Name		Sign		
Oil level					Contractor Sup/Engg						
Silica gel condition					BNPM Engg/Incharge						

 Bank Note Paper Mill India Limited						Contractor: Date:	
SMF Battery bank readings							
Battery Bank details -							
Substation Name -							
Battery No.	Cell voltage	Battery No.	Cell voltage	Battery No.	Cell voltage	Battery No.	Cell voltage
1		16		31		46	
2		17		32		47	
3		18		33		48	
4		19		34		49	
5		20		35		50	
6		21		36		51	
7		22		37		52	
8		23		38		53	
9		24		39		54	
10		25		40		55	
11		26		41			
12		27		42			
13		28		43			
14		29		44			
15		30		45			
Battery Bank Voltage :-				Charging current :-			
AC Input :-				DC Load Current :-			
		Contractor supervisor/Engineer		BNPM Engineer/Incharge			
Checked by	Name						
	Sign						
REMARKS 							



		BNPM INDIA			
		MAXIMUM DEMAND RESET REGISTER			
		VALUES BEFORE RESET (in MVA)			
		DATE/MONTH			
SWITCHYARD	66KV CRP	LINE SECTION			
		POWER TR-01			
		POWER TR-02			
	11KV MAIN SWITCHBOARD	PM-01			
		PM-02			
		ETP			
		INCOMER-01			
		INCOMER-02			
		MINI PRESS			
		UTILITY			
		PULP MILL			
PM-01 S/S	INCOMER				
	TR-01				
	TR-02				
	TR-03				
	TR-04				
PM-02 S/S	INCOMER				
	TR-01				
	TR-02				
	TR-03				
PULP MILL S/S	INCOMER				
	TR-01				
	TR-02				
	TR-03				
	TR-04				
ETP S/S	ICOG				
MINI PRESS S/S	ICOG				
UTILITY S/S	ICOG				
TAKEN BY	NAME				
	SIGN				

Bank Note Paper Mill India Limited

CISF Barrack,Armoury,Tapping bay KWH reading

Date						
CISF Barrack						
CISF Armoury						
Tapping Bay						
Reading taken By						
Signature						
Name						

Date						
CISF Barrack						
CISF Armoury						
Tapping Bay						
Reading taken By						
Signature						
Name						

TRANSFORMER EFFICIENCY CHECKLIST (MONTHLY)							Date :	
SI No	Location	Equipment Name	Trf Serial No	Trf Rating (MVA)	Input (kVA)	Output (kVA)	Efficiency (> 95 %)	Remarks
1	Switchyard	PTR-01	5367/02	20/25				
2		PTR-02	5367/01	20/25				
3	PM I	DTR-01	4895	2.5				
4		DTR-02	4896	2.5				
5		DTR-03	4897	2.5				
6		DTR-04	4898	2.5				
7	PM II	DTR-01	4899	2.5				
8		DTR-02	4900	2.5				
9		DTR-03	4901	2.5				
10	Pulp	DTR-01	4894	2.5				
11		DTR-02	4903	3.15				
12		DTR-03	4904	3.15				
13		DTR-04	4905	3.15				
14	Utility	DTR-01	4893	2				
15	Chiller	DTR-01	4902	2.5				
16	ETP	DTR-01	4892	1				
Checked By (Name / Signature)								
Verified By (Name / Signature)								
REC – UE 53 REV-0 01.08.21								