

<b>Financial Bid for RFP : Request for Proposal for Supply, Installation, Commissioning and Maintenance of Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik</b>				
<b>Tender No: 03/BNP/P/Con/Track &amp; Trace System/22/OT</b>				
<b>Bidder Name:</b>				
<b>Table 1: Summary of Total Cost</b>				
<b>S. No</b>	<b>Component</b>		<b>Total Bid Amount (inclusive of taxes, cess, duties, levies etc. excluding GST) (INR)</b>	<b>Total Bid Amount (inclusive of GST) (INR)</b>
1	CAPEX (A)	CAPEX Machines (Table 2)		
		CAPEX IT - DC, DR & Units (Table 3)		
		CAPEX - Software Development (Table 4)		
		CAPEX - Miscellenous (Table 5)		
<b>Total Capex Cost (A)</b>			<b>0.00</b>	<b>0.00</b>
2	OPEX (B)	AMC - Machines (Table 6)		
		AMC IT - DC, DR & Units (Table 7)		
		O&M - Software Development (Table 8)		
		O&M - Manpower (Table 9)		
		O&M - Miscellenous (Table 10)		
<b>Total Opex Cost (B)</b>			<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL BID COST (C=A+B) IN FIGURES</b>			<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL BID COST (C) IN WORDS</b>			<b>RUPEES..... ONLY</b>	<b>RUPEES..... ONLY</b>
<b>Cumulative CAPEX should not exceed 65% of the Total Bid Cost.</b>				
1. Bidder should provide all prices as per the prescribed format. Bidder should not leave any field blank. In case the field is not applicable, Bidder must indicate "o" (Zero) in all such fields.				
2. Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered. Any conditional bid would be rejected.				
3. All the prices are to be entered in Indian Rupees ONLY (% values are not allowed)				
4. BNP, Dewas shall consider all Taxes, Duties & Levies for the purpose of evaluation including GST.				

5. The Bid price shall be inclusive of cost of incidental services and applicable taxes and duties. GST should be quoted separately under relevant sections as per applicable rates.
6. Bidder needs to account for all Out of Pocket expenses due to Boarding, Lodging and other related items.
7. The Unit Rate quoted in the Financial bid shall be used for the purpose of 'Change Order' for respective items, if any. However, based on the market trends, BNP, Dewas retains the right to negotiate this rate for future requirements with Bidder.
8. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and will be considered for future calculations.
9. If there is a discrepancy between words and figures, the amount in words shall prevail.
10. Bidder may add extra line items in the Financial bid if any other component required to meet the overall requirement as per scope of work and the proposed solution provided by Bidder, otherwise same will be considered as included in overall Contract price.
11. For any additional procurement from list of submitted bill of material on need basis anytime across total engagement period, Bidder to ensure successful implementation, commissioning & acceptance testing of the item.
12. Bidder should factor in all the perpetual license with upgrade rights to higher versions during entire project in the name of BNP, Dewas.
13. Bidder should consider DC and DR licensing policy as per their proposed solution and OEM offering. The components which are available under DC-DR bundled licensing can be considered under CAPEX DC.
14. The rate should be valid for 5 years from the date of go-live of project.

**Financial Bid for RFP : Request for Proposal for Supply, Installation, Commissioning and Maintenance of Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik**

**Tender No: 03/BNP/P/Con/Track & Trace System/22/OT dated 04.04.2022**

**Bidder Name:**

**Table 2 : CAPEX - Machines**

**Costing for Supply, Installation and Comissioning of Equipment (barcode printer, reader, sensors, etc. ) at each Machine**

S No.	Machine Name	Make	Model	Year	Origin	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount		
										G1=C*R1		G2=C*R2		G3=C*R3				T=G1+G2+G3	C+T
										Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount				
<b>1. SPM- Hoshangabad</b>																			
1.1	Paper Machine	VOITH	CWBN Paper Machine	2013	Germany	1													
1.2	Rewinder	PASABAN	2600-Medium Series	2013	Spain	1													
1.3	Sheeter	PASABAN	Sheeter KB900	2013	Spain	1													
1.4	Ream packaging Line	PASABAN		2013	Spain	1													
<b>Total</b>						<b>4</b>		<b>0</b>											
<b>2. BNP- Dewas</b>																			
2.1	Super Simultan 212	M/s KBA NotaSys SA,	1997	1997	Germany	1													
2.2	Super Simultan 212	M/s KBA NotaSys SA,	1998	1998	Germany	1													
2.3	Super Simultan 212	M/s KBA NotaSys SA,	2011	2011	Germany	1													
2.4	Currency LT Komori	M/s Komori Corporation	2020	2020	Japan	1													
2.5	Super Orlof Intaglio	M/s KBA NotaSys SA,	1998	1998	Germany	1													
2.6	Super Orlof Intaglio	M/s KBA NotaSys SA,	1996	1996	Germany	1													
2.7	Super Orlof Intaglio-II	M/s KBA NotaSys SA,	2011	2011	Germany	1													
2.8	Currency Intaglio Color	M/s Komori Corporation	2020	2020	Japan	1													
2.9	Currency Intaglio Color	M/s Komori Corporation	2020	2020	Japan	1													
2.10	Super Numerota 212	M/s KBA NotaSys SA,	1995	1995	Germany	1													
2.11	Super Numerota 212	M/s KBA NotaSys SA,	1995	1995	Germany	1													
2.12	Super Numerota III	M/s KBA NotaSys SA,	2011	2011	Germany	1													
2.13	Numeroprotecta	M/s KBA NotaSys SA,	2020	2020	Germany	1													
2.14	Numero Protecta	M/s KBA NotaSys SA,	2020	2020	Germany	1													
2.15	Cutpack	M/s KBA NotaSys SA,	1987	1987	Germany	1													
2.16	Cutpack	M/s KBA NotaSys SA,	1998	1998	Germany	1													
2.17	Cutpack	M/s KBA NotaSys SA,	2011	2011	Germany	1													
2.18	Cutpack	M/s UNO Seisakusho Co. Ltd., Japan	2020	2020	Japan	1													
2.19	BPS-2000	M/s G & D Germany	2011	2011	Germany	1													
2.20	Cutlink	M/s UNO Seisakusho Co. Ltd., Japan	2013	2013	Japan	1													
<b>Total</b>						<b>20</b>		<b>0</b>											
<b>3. CNP- Nashik</b>																			
3.1	Super Simultan-3	KBA	Super Simultan-II Series	Oct.1985	Germany	1													

S No.	Machine Name	Make	Model	Year	Origin	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
3.2	Super Simultan-4	KBA	Super Simultan-II Series	May-86	Germany	1								
3.3	Super Simultan-5	KBA	Super Simultan-II Series	Jul-88	Germany	1								
3.4	Super Simultan-6	KBA	Super Simultan-II Series	Oct-88	Germany	1								
3.5	Super Simultan-7	KBA	Super Simultan-212 Series	May-99	Germany	1								
3.6	Super Simultan-8	KBA	Super Simultan-212 Series	Feb-99	Germany	1								
3.7	Super Simultan-9	KBA	Super Simultan-212 Series	Apr-99	Germany	1								
3.8	Super Orlof Intaglio -18	KBA	Super Orlof Intaglio	Apr-99	Germany	1								
3.9	Super Orlof Intaglio -19	KBA	Super Orlof Intaglio	Apr-99	Germany	1								
3.10	Super Orlof Intaglio -20	KBA	Super Orlof Intaglio	Nov-99	Germany	1								
3.11	Super Orlof Intaglio -21	KBA	Super Orlof Intaglio	Nov-99	Germany	1								
3.12	Old Super Numerota -1	KBA	Super Numerota	Nov-85	Germany	1								
3.13	Old Super Numerota -2	KBA	Super Numerota	Oct-85	Germany	1								
3.14	Super Numerota -3	KBA	Super Numerota 212 Series	Feb-96	Germany	1								
3.15	Super Numerota -4	KBA	Super Numerota 212 Series	Feb-96	Germany	1								
3.16	Super Numerota -5	KBA	Super Numerota 212 Series	Jun-99	Germany	1								
3.17	Super Numerota -6	KBA	Super Numerota 212 Series	Sep-99	Germany	1								
3.18	Cut Pak-2	KBA	New Cut Pak-II Series	Aug-99	Germany	1								
3.19	Cut Pak-3	KBA	New Cut Pak-II Series	Sep-99	Germany	1								
3.20	Número Pak-2	KBA	New Número Pak-II Series	Jun-99	Germany	1								
3.21	Número Pak-3	KBA	New Número Pak-II Series	Jul-99	Germany	1								
3.22	BPS	G&D	BPS-2000			1								
3.23	Dry offset Printing	Komori	LT-832II A 301	2021	Japan	1								
3.24	Intaglio Printing	Komori		2021	Japan	1								

S No.	Machine Name	Make	Model	Year	Origin	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
3.25	Numerota	KBA	Numerota protecta	2021	Germany	1								
3.26	Uno -01	UNO	UNOCS-8F-UH	2021	Japan	1								
3.27	Intaglio Printing	Komori	IC 532 III	2021	Japan	1								
<b>Total</b>						<b>27</b>		<b>0.00</b>						
<b>Total (in figures)</b>						<b>51</b>		<b>0.00</b>					<b>0.00</b>	<b>0.00</b>
<b>Total (in words)</b>														<b>RUPEES..... ... ONLY</b>

Note -  
 i. Any item required for the installation of equipments/accessories (including Electrical, Electronics, Mechanical, Instrumental, etc.) at machines shall be included in the machine-wise cost mentioned above.  
 ii. In case of addition of any new machine / line in the future, the above rates should be used as a reference to place the order for the same.  
 iii. In case of replacement of old condemned machines with new machines, the retro fitting of equipment/sensors from old machines to new machines shall be carried out by the SI as per the requirements without any additional cost

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**Tender No: 03/BNP/P/Con/Track & Trace System/22/OT dated 04.04.2022**

**Bidder Name:**

Table 3 : CAPEX IT - DC, DR and Units

**Costing for Supply, Installation and Commissioning of IT infrastructure at DC, DR and Units**

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount		
							G1=C*R1		G2=C*R2		G3=C*R3				T=G1+G2+G3	C+T
							R1	Amount	R2	Amount	R3	Amount				
			Q	U	C=Q*U		Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount				
<b>1</b>	<b>Data Center</b>															
1.1	Smart IT Rack		1													
1.2	Blade Servers and Chassis		7													
1.3	SAN Storage (SSD storage) with dual controller (25 TB minimum usable)		1													
1.4	Backup software		1													
1.5	Backup Solution: Disk-based backup		1													
1.6	Load balancer		2													
1.7	Next Generation Firewall (NGFW)		2													
1.8	SAN Switch		2													
1.9	Router		2													
1.10	Switch		2													
1.11	Server Security (antivirus)															
1.12	OS Licenses															
1.13	DB Licenses															
1.14	<<Any other component required>>															
	<b>Total</b>															
<b>2</b>	<b>Data Recovery Site</b>															
2.1	Smart IT Rack		1													
2.2	Blade Servers and Chassis		2													
2.3	SAN Storage (SSD storage) with dual controller (25 TB minimum usable)		1													
2.4	Load balancer		1													
2.5	Next Generation Firewall (NGFW)		1													
2.6	SAN Switch		1													
2.7	Router		1													
2.8	Switch		1													
2.9	Server Security (antivirus)															

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
2.10	OS Licenses										
2.11	DB Licenses										
2.12	<<Any other component required>>										
<b>Total</b>											
<b>3</b>	<b>SPM, Hoshangabad</b>										
3.1	Smart IT Rack		1								
3.2	Blade Servers and Chassis		4								
3.3	SAN Storage (SSD storage) with dual controller (10 TB minimum usable)		1								
3.4	Load balancer		2								
3.5	Next Generation Firewall (NGFW)		2								
3.6	SAN Switch		2								
3.7	Router		2								
3.8	Switch		2								
3.9	Server Security (antivirus)										
3.10	OS Licenses										
3.11	DB Licenses										
3.12	LAN and other Cabeling		1								
3.13	Handheld Barcode Scanner (As per bidder's solution)		19								
3.14	RFID Readers		2								
3.15	Human Machine Interface (HMI) connecting to each machine										
3.16	<<Any other component required>>										
<b>Total</b>											
<b>4</b>	<b>BNP, Dewas</b>										
4.1	Smart IT Rack		1								
4.2	Blade Servers and Chassis		2								
4.3	SAN Storage (SSD storage) with dual controller (10 TB minimum usable)		1								
4.4	Load balancer		2								
4.5	Next Generation Firewall (NGFW)		2								
4.6	SAN Switch		2								
4.7	Router		2								
4.8	Switch		2								
4.9	Server Security (antivirus)										
4.10	OS Licenses										
4.11	DB Licenses										
4.12	LAN and other Cabeling		1								
4.13	Handheld Barcode Scanner (As per bidder's solution)		80								
4.14	RFID Readers		2								

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
4.15	Human Machine Interface (HMI) connecting to each machine										
4.16	<<Any other component required>>										
<b>Total</b>											
<b>5</b>	<b>CNP, Nashik</b>										
5.1	Smart IT Rack		1								
5.2	Blade Servers and Chassis		2								
5.3	SAN Storage (SSD storage) with dual controller (10 TB minimum usable)		1								
5.4	Load balancer		2								
5.5	Next Generation Firewall (NGFW)		2								
5.6	SAN Switch		2								
5.7	Router		2								
5.8	Switch		2								
5.9	Server Security (antivirus)										
5.10	OS Licenses										
5.11	DB Licenses										
5.12	LAN and other Cabeling										
5.13	Handheld Barcode Scanner (As per bidder's solution)		125								
5.14	RFID Readers		2								
5.15	Human Machine Interface (HMI) connecting to each machine										
5.16	<<Any other component required>>										
<b>Total</b>											
<b>Total (in figures)</b>											
<b>Total (in words)</b>											<b>RUPEES..... ... ONLY</b>
<b>Note -</b>											
i. Any item required for the solution or as per design requirements, the bidder shall add such items in the above format.											
ii. All the infrastructure at DC, Noida and all three units should be in High Availability (HA) mode. The bidder shall ensure that high availability of all components is built into the architecture and carry out the sizing accordingly to meet the SLAs as mentioned in the RFP											
iii. SPMCIL is in process of upgrading the technical infrastructure at DC, Noida and DR, Hyderabad. <b>The Tech Refresh RFP for the same is expected to come out soon or has been published on &lt;&lt;date&gt;&gt; and it is available on &lt;&lt;portal name&gt;&gt;. The bidders are advised to refer the same.</b> The Track and Trace application shall be hosted at DC, Noida and replication shall be done at DR, Hyderabad, the indicative infrastructure requirement for the same has been given in the RFP. The selected bidder in close consultation with SPMCIL and BNP- Dewas may leverage common Tech Refresh infrastructure to host the T&T application at DC and DR. The same shall be finalized prior to issuance of Work Order to successful bidder and cost of the same (as per the quoted line-item wise cost above) shall be adjusted accordingly.											
iv. Cost for Human Machine Interface (HMI) includes Monitor, Control/Data Unit, PLC, Interfacing components, Tower Lamp with buzzer, etc. which shall be connected to each machine (wherever applicable as per project and client requirements). The bidder should carry out proper assessment of the number of HMIs required at each unit prior to bid submission.											



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**Tender No: 03/BNP/P/Con/Track & Trace System/22/OT dated 04.04.2022**

**Bidder Name:**

**Table 4 : CAPEX - Software Development, Customization and Integration**

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount		
							G1=C*R1		G2=C*R2		G3=C*R3				T=G1+G2+G3	C+T
							R1		R2		R3					
			Q	U	C=Q*U		Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount				
<b>1</b>	<b>Design, develop, customize, configure, test, integrate and implement End to End Track and Trace solution</b>															
1.1	Design, develop / customize, configure, test and implement End to End Track and Trace solution with Perpetual Enterprise Licenses*		1													
1.2	Integration of Track and Trace System with SAP ECC 6.0		1													
1.3	Reconfiguration for SAP S4 Hana once SAP ECC6.0 is upgraded to SAP S4 Hana and point #1.2 is completed		1													
1.4	Integration of Track and Trace System directly with SAP S4 Hana		1													
1.5	SAP PI(PO) Licenses for Integration of Track and Trace System with SAP**															
1.6	Cost of customization, configuration, changes in SAP process workflows / Report / MIS/ modules, etc.***		1													
1.7	<<Any other component required>>															
<b>Total</b>																
<b>Total (in figures)</b>																
<b>Total (in words)</b>														<b>RUPEES..... ... ONLY</b>		

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
<p>Note -</p> <p>i. Any item required for the solution or as per design requirements, the bidder shall add such items in the above format.</p> <p>ii. *All associated cost related to development of T&amp;T Dashboard, IoT application and any other application as per the project requirement shall also be included in the same. The application should be designed and developed/customized in such a way that any number of new users and machines / lines can be added without any additional cost to BNP, Dewas.</p> <p>iii.</p> <p>a. **SI to carry out own assessment for the number of PI/PO licenses required for the proposed solution to ensure seamless integration of Track and Trace application with SAP.</p> <p>b. **SPMCIL is in process of upgrading the existing SAP through separate tendering process and SAP PI/PO licenses shall be part of the same. The Track and Trace SI, in close consultation with SPMCIL and BNP-Dewas may leverage SAP PI/PO licenses to be procured by SPMCIL. The same shall be finalized prior to issuance of Work Order to successful bidder and cost of the same (as per the quoted cost above) shall be adjusted accordingly.</p> <p>iv. ***Changes in existing SAP including BI dashboard shall be done by the SPMCIL DC team. However, in case due to change in policy later, the Track and Trace SI shall have to make necessary changes, customization, configuration in existing SAP. The same shall be finalized prior to issuance of Work Order to successful bidder and cost of the same (as per the quoted cost above) shall be paid to SI.</p> <p>v. Any additional SAP Licenses required to fulfill the integration requirements should be included by bidder in financial bid, later no additional cost shall be paid for the same</p> <p>vi. The T&amp;T application should be designed and developed/customized in such a way that any number of new users and machines/lines can be added without any additional cost to BNP, Dewas.</p>											

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**Bidder Name:**

Table 5 : CAPEX - Miscellaneous

**Costing for Miscellaneous Heads**

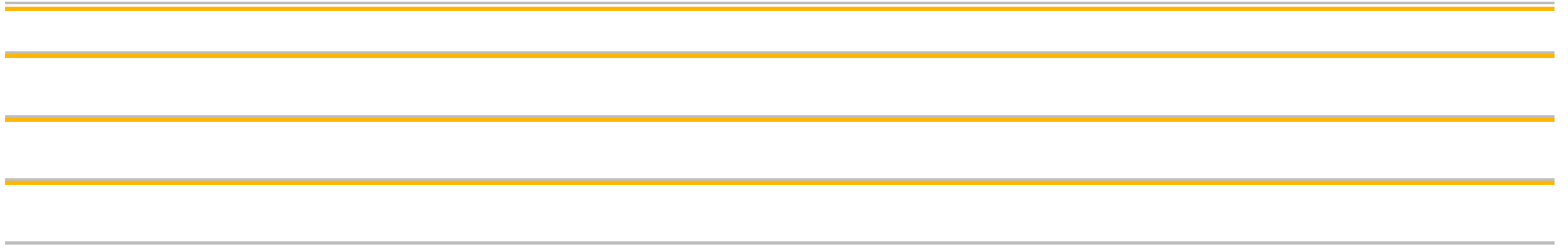
S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount		
							G1=C*R1		G2=C*R2		G3=C*R3				T=G1+G2+G3	C+T
							R1		R2		R3					
			Q	U	C=Q*U	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount					
<b>1</b>	<b>IIoT based solution for monitoring Temperature, Humidity and Energy Efficiency of Machines</b>															
1.1	Installation and deployment of all necessary IOT sensors and other peripheral devices to monitor key parameters at SPM, Hoshangabad		1													
1.2	Installation and deployment of all necessary IOT sensors and other peripheral devices to monitor key parameters at BNP, Dewas		1													
1.3	Installation and deployment of all necessary IOT sensors and other peripheral devices to monitor key parameters at CNP, Nashik		1													
	<b>Total</b>															
<b>2</b>	<b>Centralized Helpdesk Setup</b>															
2.1	Setting up a centralized helpdesk and Ticket Logging System		1													
2.2	<<Any other component required>>															
	<b>Total</b>															
<b>3</b>	<b>Civil and Electrical Work for Setting up Server Room (including necessary cabling, Non-IT components, UPS, cooling, etc.)</b>															
3.1	Cost of Civil and Electrical work for Setting up Server Room at SPM, Hoshangabad		1													
3.2	Cost of Civil and Electrical work for Setting up Server Room at BNP, Dewas		1													
3.3	Cost of Civil and Electrical work for Setting up Server Room at CNP, Nashik		1													
	<b>Total</b>															

S No.	Category	Make & Model	Quantity	Unit Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	Total Cost (inclusive of taxes, cess, duties, levies etc. excluding GST)	HSN/SAC Code	Integrated GST	Central GST	State GST	Total GST Amount	Total Amount
<b>4 Integration of New Pulp Plant and Paper Machine with SAP through SCADA</b>											
4.1	Integration of New Pulp Plant with SAP through SCADA at SPM, Hoshangabad		1								
4.2	Integration of Paper Machine with SAP through SCADA at SPM, Hoshangabad		1								
<b>Total</b>											
<b>5 Cost of upgrading existing GTS counting machines to read the barcodes of sheets</b>											
5.1	Cost of upgrading existing GTS machines to read the barcodes of sheets at SPM, Hoshangabad		1								
5.2	Cost of upgrading existing GTS machines to read the barcodes of sheets at BNP, Dewas		1								
5.3	Cost of upgrading existing GTS machines to read the barcodes of sheets at CNP, Nashik		1								
<b>Total</b>											
<b>Total (in figures)</b>											<b>RUPEES..... ... ONLY</b>
<b>Total (in words)</b>											
<p>Note -</p> <p>i. Any item required for the solution or as per design requirements, the bidder shall add such items in the above format.</p> <p>ii. The requirement of integrating New Pulp Plant, Paper Machine and Rewinder machines with SAP through SCADA can be taken up by SI separately in Phase-2 of this project after completion of T&amp;T system FAT and cost shall be paid accordingly.</p>											













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**Bidder Name**

**Table 8 : O & M - Software Development**

S No.	Category	Make & Model	Quantity	HSN/SAC Code	Unit AMC Cost	Total AMC Cost	Unit AMC Cost	Total AMC Cost	Unit AMC Cost	Total AMC Cost	Unit AMC Cost	Total AMC Cost	Total AMC Cost for 4 Years	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount																				
					Year 2	Year 2	Year 3	Year 3	Year 4	Year 4	Year 5	Year 5	C= A1+A2+A3+A4	G1=C*R1		G2=C*R2		G3=C*R3		T=G1+G2+G3	C+T																				
					A1	A2	A3	A4	R1	Amount	R2	Amount		R3	Amount																										
														Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount																						
<b>1</b>	<b>Operations and Maintenance of End to End Track and Trace solution</b>																																								
1.1	Operations and Maintenance of End to End Track and Trace solution		1																																						
1.2	Any other component required																																								
<b>Total (in figures)</b>																																									
<b>Total (in words)</b>																																									

**RUPEES...  
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ONLY**

Note -  
i. Bidder shall add the components in the above table as per their solution (components as specified in un-priced BoM submitted as part of Technical proposal)  
ii. Any item required for the solution or as per design requirements, the bidder shall add such items in the above format

Financial Bid for RFP : Request for Proposal for Supply, Installation, Commissioning and Maintenance of Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik															
Tender No: 03/BNP/P/Con/Track & Trace System/22/OT dated 04-04-2022															
Bidder Name:															
Table 9 : OPEX - Manpower Deployment															
S No.	Manpower Role	Quantity	Manmonth Rates	Total Cost of Resource	HSN/SAC Code	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount	Remarks (if any)	
		Q	R	C = (Q*R*48)		G1=C*R1		G2=C*R2		G3=C*R3					
						R1		R2		R3		T=G1+G2+G3	C+T		
						Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount				
<b>Operation and Maintenance Phase</b>															
<b>1</b>	<b>SPM, Hoshangabad</b>														
1.1	Track and Trace Expert	3													
1.2	IT Support Executives	1													
	<b>Total</b>														
<b>2</b>	<b>BNP, Dewas</b>														
2.1	Track and Trace Expert	2													
2.2	IT Support Executives	1													
	<b>Total</b>														
<b>3</b>	<b>CNP, Nashik</b>														
3.1	Track and Trace Expert	2													
3.2	IT Support Executives	1													
	<b>Total</b>														
<b>4</b>	<b>SPMCIL DC &amp; DR</b>														
4.1	IT Support Executives	1													
	<b>Total</b>														
<b>Total (in figures)</b>				<b>0.00</b>								<b>0.00</b>	<b>0.00</b>		
<b>Total (in words)</b>														<b>RUPEES... ..... ONLY</b>	

Note:  
 (i) The above are indicative manpower requirements for Warranty and CAMC Phase. BNP, Dewas may ask bidder to deploy additional resources as per the project requirement and the payment for the additional resources shall be made during CAMC phase as per the man-month rate quoted in financial bid. No cost shall be paid during the warranty period for the manpower.  
 (ii) Manpower payments shall be made to SI subject to attendance of resources at respective locations.

**Financial Bid for RFP: Request for Proposal for Supply, Installation, Commissioning and Maintenance of Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik**

Tender No: 03/BNP/P/Con/Track & Trace System/22/OT dated 04-04-2022

Bidder Name																									
Table 10 : OPEX - Miscellaneous																									
S.No.	Category	Make & Model	Quantity	HSN/SAC Code	Unit AMC	Total AMC	Unit AMC	Total AMC	Unit AMC	Total AMC	Unit AMC	Total AMC	Unit AMC	Total AMC	Unit AMC	Total AMC	C4 A1+A2+A3+A4	Integrated GST		Central GST		State GST		Total GST Amount	Total Amount
					Cost Year 2	Cost Year 2	Cost Year 3	Cost Year 3	Cost Year 4	Cost Year 4	Cost Year 5	Cost Year 5	G1=C*R1	G2=C*R2	G3=C*R3	T=G1+G2+G3		C+T							
					A1	A2	A3	A4	R1	Amount	R2	Amount							R3	Amount					
																		Indicate GST rates in %	Amount	Indicate GST rates in %	Amount	Indicate GST rates in %	Amount		
<b>1 IOT based solution for monitoring Temperature, Humidity and Energy Efficiency of Machines</b>																									
1.1	Operations and Maintenance of all necessary IIoT sensors and other peripheral devices to monitor key parameters at SPM, Narmadapuram		1																						
1.2	Operations and Maintenance of all necessary IIoT sensors and other peripheral devices to monitor key parameters at BNP, Dewas		1																						
1.3	Operations and Maintenance of all necessary IIoT sensors and other peripheral devices to monitor key parameters at CNP, Nashik		1																						
<b>Total</b>																									
<b>2 Centralized Helpdesk</b>																									
2.1	Operations and Maintenance of centralized helpdesk and Ticket Logging System		1																						
2.2	Any other component required																								
<b>Total</b>																									
<b>3 Training, Capacity Building and Change Management</b>																									
3.1	SPM, Narmadapuram		1																						
3.2	BNP, Dewas		1																						
3.3	CNP, Nashik		1																						
3.4	Any other component required																								
<b>Total</b>																									
<b>4 Certification - ISO 27001:2018 (Cost of Training, Documentation, Certification, etc.)</b>																									
4.1	DC, Noida for T&T Infra and Solution		1																						
4.2	DK, Hyderabad for T&T Infra and Solution		1																						
4.3	SPM, Narmadapuram		1																						
4.4	BNP, Dewas		1																						
4.5	CNP, Nashik		1																						
<b>Total</b>																									
<b>5 Consumables</b>																									
5.1	Barcode*																								
5.2	RFID*																								
<b>Total</b>																									
<b>Total (in figures)</b>																									
<b>Total (in words)</b>																									
																							<b>RUPEES..... ONLY</b>		

Note -  
i. Any item required for the solution or as per design requirements, the bidder shall add such items in the above format  
ii. The bidder should include all types of consumables which shall be required during the course of the project  
iii. \*It may be noted that the quantity mentioned for Barcode and RFID, indicates the expected barcode printing and RFID requirements under this project on yearly basis. The requirement may increase or decrease as per the actual indent from RBL. Hence, cost of Consumables (Barcode and RFID) to be paid on pro-rata basis to SI. The SI shall be responsible to produce evidence of Barcode / RFID generated through automatic system generated reports.