Bidder's Name	#	Section of RFP	Clause No in RFP	Page Number of RFP	Existing Clause of RFP	Query / Clarification required	Mapping	Draft Response_PreBid meeting	Corrigendum
Atos India Pvt Ltd	1	SECTION I: NOTICE INVITING TENDER (NIT)	1. Sealed tenders are invited from eligible and qualified tenders for supply of	Page 2 of Tender Document		We would like herewith to point out that the proposed time schedule for preparation and submission of a proposal for the Supply, Installation, Commissioning and Maintenance of a Track and Trace System is far too short. Indeed, having received the Tender launched on 04.04.2022 (week 14), organising a visit of the 3 sites just 2 weeks after (during Week 16 - which is moreover Easter Week in Europe) - and participating to the Pre-Bid Meeting on the 28.04.2022, tenderer are requested to submit their proposal on 17.05.2022 -just 2,5 weeks after- seems unrealistic and unreasonable to be able to build a serious and comprehensive proposal for such a big IT project.	Timeline	Please refer corrigendum	Payment and Timeline clause has been revised
Atos India Pvt Ltd	2	SECTION IV:GENERAL CONDITIONS OF CONTRACT (GCC)	SCC-12: Failure & Termination	Page 12 of GCC	"b. Termination of Contract for convenience: Bank Note Press, Dewas (M.P.) may at any time terminate the Contract by giving you one month's prior notice in writing to that effect and shall have the liberty to appoint any other agency to carry out your obligations under this Contract."	According to our understanding, Sub-Contractors are only allowed to buy items and sub-assemblies. However, Sub-contractor can also supply services and sub-system development for example. Could BNP DEWAS please confirm that Sub-Contractors for provision of services, sub-system development,...would also be allowed?	Legal	Please refer corrigendum	Sub- Contracting is not allowed. However, SI may sub-contract auxiliary work such as Civil, Electrical, etc. but after taking due permission from BNP, Dewas. Also, SI will be directly responsible for the quality of the Sub-Contracting work. SI shall have to ensure necessary confidentiality obligation as per the agreement and NDA signed with BNP, Dewas for all the Sub-contracts work also.
Atos India Pvt Ltd	3	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC-13: Force Majeure	Page 13 of GCC	"13.1 In the event of any unforeseen event directly interfering with the supply of stores arising during the currency of the contract, such as war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts, or acts of God, the Contractor shall, within a week from the commencement thereof, notify the same in writing to the Purchaser with reasonable evidence thereof. Unless otherwise directed by in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event....[]"	Could BNP DEWAS please specify that the Customer is liable for all costs that the supplier may incur due to the termination for convenience (personal, materials ...)?	Legal	Query evaluated but RFP conditions prevail.	
Atos India Pvt Ltd	4	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	18. Subcontracts	Page 16 of GCC	"18.2. Subcontract shall only be for bought out items and sub-assembly"	There is no limitation to the liability of the supplier. We would like to cap the liability of the supplier to the contract value and exclude liability for loss of profit and indirect/consequential loss. Can BNP DEWAS confirm it accepts this change?	Legal	Query evaluated but RFP conditions prevail.	
Atos India Pvt Ltd	5	SECTION VI: LIST OF REQUIREMENTS	9. AFTER SALES SUPPORT	Page 15 of Tender Document	"The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid."	The period of warranty and availability of spare parts and consumables is too long especially when related to IT equipment and Hard/ware. Indeed, technology growing and changing incredibly fast, we would like to ask BNP DEWAS to set the period of warranty and availability of spare parts and consumables at the same level as the CAMC (4 years)	Legal	Query evaluated but RFP conditions prevail. Please refer corrigendum.	BNP, Dewas reserves the right to extend the duration of the project up to 10 years. The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period will be paid to a bidder on a pro-rata basis
Atos India Pvt Ltd	6	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.13. Certification	Page 31 of Tender Document	"c. SI shall have to obtain, manage and continue the certificates and these certifications should be completed immediately within 1 month after the FAT and Go-live. The cost of certification shall be borne by the SI."	The period to obtain the Certification seems to be quite short. Would BNP DEWAS accept an extension of 2 months (=> certification to be obtained within 3 months after the FAT and Go-live)?	Timeline	Please refer corrigendum	Payment and Timeline clause has been revised
Atos India Pvt Ltd	7	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.19. Warranty & Comprehensive Annual Maintenance contract	Page 36 of Tender Document	"l. Supplier shall maintain vital spares at all the three and DC-DR to restore the system immediately in case of breakdown during warranty & CAMC period. During warranty & CAMC period, all defective / faulty items shall have to be replaced / rectified by the supplier without any additional cost."	Supplier cannot be responsible for incorrect behaviour or use of devices and items. Therefore, we request a change of this paragraph as follows: *"Supplier shall maintain vital spares at all the three and DC-DR to restore the system immediately in case of breakdown during warranty & CAMC period. During warranty & CAMC period, all defective / faulty items -should it be proven that the defect/fault is not coming from a incorrect use of the device/items- shall have to be replaced / rectified by the supplier without any additional cost."*	Legal	Query evaluated but RFP conditions prevail.	

Atos India Pvt Ltd	8	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.21. Knowledge Transfer (Exit Management)	Page 39 of Tender Document	"1.21. Knowledge Transfer (Exit Management) : b. Transfer of Assets: The SI will ensure transfer of all Assets under this project such as Software, Licenses, Source Code, Hardware, etc to BNP, Dewas as per the timelines agreed under Exit Management Plan."	Would BNP DEWAS confirm that System Integrator will be allowed to promote, propose and sell the designed T&T system to any other private or public organisation, Central Bank, Paper Manufacturer, Printing Works,....without any constraints and restrictions?	Legal	The written permission/approval should be taken by SI from BNP, Dewas to carry out any such activities . Intellectual property (IP) rights of Track and Trace system should be with BNP, Dewas	
Atos India Pvt Ltd	9	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	6. Payment and Timeline	Page 90-92 of Tender Document	"- Project initiation: T+3 weeks - Design phase: T+8 weeks - Delivery of TT system for user acceptance test: T+22 weeks - Completion of user acceptance test: T+26 weeks - Delivery of TT system for pilot testing/run: T+22 weeks - Successful completion of pilot run: T+34 weeks - Complete application roll out at all the units: T+46 weeks - FAT: T+48 weeks - ISO 27001:2018 certification: T+52 weeks - Entire system warranty: 12 months from FAT certificate - CAMC: 48 months from the end date of warranty"	We would like herewith to point out that the proposed time schedule for the development, implementation, supply, installation, commissioning of a Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik in less than a year is far too short, unrealistic and unreasonable. Indeed, taking in account the specific needs of SPMCIL in such a T&T system, taking into consideration as well the specific fields of integration at 3 different production sites and according to the discussions held previously with SPMCIL, such a project requires at least 3 years of development, implementation, supply, installation and commissioning. Therefore, we kindly ask BNP DEWAS to reconsider the complete timeline for development, implementation, supply, installation, commissioning of a Track and Trace System at SPM-Narmadapuram, BNP-Dewas and CNP-Nashik as previously indicated. Should BNP DEWAS accept such a proposed schedule and need further information and details, we would be pleased to help drafting a proposed timeline for: - Project Initiation - Design Phase - Delivery of Track and Trace system for User Acceptance Test - Completion of User Acceptance Testing (UAT) - Delivery of Track and Trace system for Pilot testing / run (at same production lines as UAT) - Successful completion of Pilot run - Complete Application Roll out at all the units - Final Acceptance Testing (FAT), and Solution Go-Live knowing that such a project will require a lot of interaction, exchanges and collaboration between the successful System Integrator and the BNP DEWAS	Timeline	Please refer corrigendum	Payment and Timeline clause has been revised
Atos India Pvt Ltd	10	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	Page 107 of Tender Document	"A. General 1. Bidder*/Consortium Members* shall be registered under relevant regulations in India. 2. Bidder should have valid GST registration certificate 3. Bidder should have valid PAN card	We understand that the registration under relevant regulation in India, the submission of GST Registration Certificate and PAN Card is an obligation only for bidder/ Consortium Members from a country which shares a land border with India, as a Knock-Out Criteria to be eligible to participate to this Tender. Can you please confirm our assumption?	Legal	Please refer corrigendum	
Atos India Pvt Ltd	11	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	Page 112-115 of Tender Document	"1.2.2 Technical Evaluation Criteria The following criteria are prescribed as Technical Evaluation criteria for Bidders who qualify in Pre-Qualification stage: [......]"	How will BNP DEWAS score the different items for each consortium member? Will scores of each consortium member be cumulative / additional? For example, in case a consortium member has valid ISO 27001:2013 certification and the other member has CMMi level 5 certification, will it count 8 pts or 16 pts (2x8)?	PQ/TQ	Please refer to column "Max marks" of clause 1.2.2 Technical Evaluation Criteria	
Atos India Pvt Ltd	12	Eligibility Criteria - General - 1			Bidder*/Consortium Members* shall be either proprietary firm/ Limited Liability Partnership (LLP)/Company/Partnership/ (Legal Entity)	Request to allow foreign partners without land boarder with India and not registered in India	Legal	Please refer corrigendum	
Atos India Pvt Ltd	13	Eligibility Criteria - General - 2			Bidder should have valid GST registration certificate	Request to accept only lead bidder's GST details.	Legal	Please refer corrigendum	
Atos India Pvt Ltd	14	Eligibility Criteria - General - 3			Bidder should have valid PAN card	Request to accept only lead bidder's PAN details.	Legal	Please refer corrigendum	
Atos India Pvt Ltd	15	Eligibility Criteria - General - 4			Bidder should not have been blacklisted / debarred by SPMCIL or its units/ BRBNMPL/ BNPMIPL/ Government of India as on date of bid submission.	Request to accept only lead bidder.	Legal	Query evaluated but RFP conditions prevail. NO CHANGE	
Atos India Pvt Ltd	16	Eligibility Criteria - General - B	Experience & Past Performance		All points	To accept any JV partner's credentials.	Legal	Please refer corrigendum	
Atos India Pvt Ltd	17	Eligibility Criteria - General - D - 10	Financial Standings			Request to kindly modify clause as follows: The vendor should be a profit-making postive networth company for last three financial years.	Legal	Query evaluated but RFP conditions prevail.	

	18	SECTION IX	1.2.1	107	B.5. Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .	We are qualifying this criteria for implementing the track and trace in Airport Baggage Handling Systems for tracking the baggage and also in warehouse of post and parcel for tracking the packets (post) and parcels. We request you to add following areas along with manufacturing or Security Paper Printing. 1. Airport baggage handling 2. Post and parcel systems	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
M/s Fox Solutions Private Limited	19	SECTION IX	1.2.1	108	B.6. Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/ Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2021.	We understand, the scope of the project involves integration with either existing SAP or interface with new SAP system for which a separate tender will be released. The scope of this project does not include the software development of SAP, configuration of SAP or customization of SAP. Hence request you to make the qualification criteria as bidder to have experience of interfacing with SAP in last 5 years instead of software development of SAP, configuration of SAP or customization of SAP in last 5 years.	PQ/TQ	Query evaluated but RFP conditions prevail.	
M/s GTI Infotel Pvt. Ltd.	20	AFTER SALES SUPPORT:	9	15	The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid.	In tender total support given is only 5 years including CAMC then how will bidder get payment after 5 additional years for support done.	Legal	Please refer corrigendum for this query	BNP, Dewas reserves the right to extend the duration of the project up to 10 years . The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period will be paid to a bidder on a pro-rata basis
M/s GTI Infotel Pvt. Ltd.	21	Integration with Existing SAP ERP	1.2	17	The SI should use SAP PI/PO** middleware for integration between Track and Trace and existing SAP	Please Specify if middleware is required from client.	Technical	Please refer point no "d" of section 1.2 and corresponding Note	
M/s GTI Infotel Pvt. Ltd.	22	IIOT based solution for monitoring key parameter	1.5	23	Energy consumption of various machines to be monitored using multi-function digital energy meters. The energy consumed by the machines when compared with the rated optimum consumption	Any Specific meter for measuring energy consumption Or Bidder should consider make on its own	IIOT	Measuring meter should be as per best industry standard, which should fulfill the scope of work and SLAs mentioned in the RFP	
M/s GTI Infotel Pvt. Ltd.	23	Centralised Help desk	1.7	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar.	Payment of support should be consider for 5 years of on monthly basis	Payment	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised payment terms.	
M/s GTI Infotel Pvt. Ltd.	24	Integration with Existing SAP ERP	1.2	17	Track and Trace system shall be integrated with existing ERP (SAP) of SMPCIL for bidirectional flow of information. All the key information for decision-making shall be displayed to officials via SAP BI Dashboard. The indicative information for dashboard has been given in section 1.10. The detailed information shall be finalized once the SI is onboarded.	Please provide the integration details of SAP and let us know if two way integration is required and what kind of access/interface will be provided.	Technical	Please refer RFP Section 4. Functional Requirement and Process flow of proposed system	
M/s GTI Infotel Pvt. Ltd.	25	Supply, Installation and Commissioning of IT infrastructure at DC and DR	1.3	18	SI shall supply, install and commission smart IT racks and IT components (compute, storage, network, security, etc.) with peripherals and accessories in the existing server farm of the DCNoida & DR-Hyderabad. LT panel/ Power Distribution panels are available inside DC & DRC premises. SI needs to do the power cabling from the Panel to the Smart Rack.	Who will provide physical server for DC/DR? Who is responsible for utilities such as Power, Backup, etc at DC/DR?	Technical	SI shall be responsible. Please refer section SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION (clause 1.3) of RFP for more details	
M/s GTI Infotel Pvt. Ltd.	26	Supply, Installation and Commission of Track and Trace Solution (along with Infra) at units	1.4	21	The SI shall be responsible for setup of Server Rooms at all the three units which includes supply, installation and commissioning of IT infrastructure such as Smart Racks, software, hardware, database, OS, networking, security, etc.	Please confirm if the electricity and other utilities will be provided by you.	Electricity	Please refer Corrigendum.	BNP/CNP/SPM shall provide the necessary support to SI in terms of power and basic utilities points for successful completion of work. BNP/CNP/SPM shall provide the power requirements upto 20 meters of machine in their respective units.
M/s GTI Infotel Pvt. Ltd.	27	Centralized Helpdesk Setup	1.7	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar.	Please confirm what would be the location of Help Desk? Onsite or Offsite? Would the location be single or multiple?	Helpdesk	Please refer Corrigendum	Helpdesk should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement

M/s GTI Infotel Pvt. Ltd.	28	Manpower Deployment	1.9	25	The below table indicates the minimum manpower to be designated by SI during the implementation phase of the project for regular interaction with BNP, Dewas and other project stakeholders. However, other technical resources as per the project requirement shall be assessed and deployed by SI as per the scope of work.	We request that the Payment terms for Manpower Deployment should be monthly.	Payment	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised payment terms.	
M/s GTI Infotel Pvt. Ltd.	29	Integration of New Pulp Plant and Paper Machine with SAP through SCADA	1.14	32	New Pulp Plant and Paper Machine at SPM, Narmadapuram are required to be integrated with SAP through SCADA. Though these machines shall not be part of Track and Trace system, however, data from the same need to be integrated with SAP directly.	Interface Details of integration with SAP & SCADA required.	SPM	Details are provided in section 1.14. However, The requirements mentioned in the section are indicative. Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
M/s GTI Infotel Pvt. Ltd.	30	Pilot Roll Out	1.17	34	Project shall be rolled out in one production line at both SPM, Narmadapuram and BNP, Dewas, which has been used for UAT purpose. Pilot test shall be conducted for 1 shift of 8 hours for 30 days. SI shall be responsible to take all the necessary measures to ensure successful execution of pilot in one line.	We request you to kindly release some Payment for Pilot Rollout.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	31	General Requirement of T & T System	1.1	46	System should securely transfer the unique barcodes to the barcode printers installed at the different stages.	We recommend QR Code instead of Bar Code for the Track and Trace Application.	Barcode	Please refer Corrigedum	
M/s GTI Infotel Pvt. Ltd.	32	Proposed Process Flow of SPM, Narmadapuram, BNP, Dewas, CNP, Nashik	1.2,1.3,1.4	48	Paper Machine Section	Machines are duly installed or it is to be provided by us?	Dept	Please refer Section XXII-Annexures (Annexures A) of RFP for machines available with all the three units	
M/s GTI Infotel Pvt. Ltd.	33	Payment and Timeline	6	90	Solution Design	10% payment needs to be made in solution Design phase also.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	34	Payment and Timeline	6	91	Completion of User Acceptance Testing (UAT)	At UAT at least 15% payment should be released.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	35	Payment and Timeline	6	91	Successful completion of Pilot run	At completion of Pilot Rum, 20% payment should be released.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	36	Payment and Timeline	6	91	Final Acceptance Testing (FAT), and Solution Go-Live	After the above changes, 55% of payment can be released at FAT stage.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	37	Payment and Timeline	6	91	Others	What about the payment of equipment? What is the payment term?	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
M/s GTI Infotel Pvt. Ltd.	38	Pre-Qualification / Minimum Eligibility Criteria	1.2.1, B5 & D9	107 & 109	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore & Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR 60 Crores.	The project cost experience asked in the RFP is 8.5 Crores and The Turnover Eligibility asked is 60 Crores. What is the budget for the Project?	PQ/TQ	Query evaluated but RFP conditions prevail.	
M/s GTI Infotel Pvt. Ltd.	39	BOQ	Table 2	3	Costing for Supply, Installation and Commissioning of Equipment (barcode printer, reader, sensors, etc.) at each Machine	Make of equipment is fixed? Can we quote alternative?	Dept	In table 2 of Financial bid, bidder to quote for "Costing for Supply, Installation and Commissioning of Equipment (barcode printer, reader, sensors, etc.) at each Machine"	
M/s GTI Infotel Pvt. Ltd.	40	BOQ	Table 2	3	Costing for Supply, Installation and Commissioning of Equipment (barcode printer, reader, sensors, etc.) at each Machine	The Model and Year is also given. What is the significance of year in this?	Dept	This is for informational purpose	
M/s GTI Infotel Pvt. Ltd.	41	BOQ	Table 2	3	Costing for Supply, Installation and Commissioning of Equipment (barcode printer, reader, sensors, etc.) at each Machine	Are we to procure the Equipments?	Dept	Please refer Section VII Scope of Work section, roles and responsibilities of Bidder/SI are clearly mentioned	
TCS	42	SECTION I: NOTICE INVITING TENDER (NIT)		3	8. The offer submitted by the firm should be valid for 180 Days from the date of opening of tender document.	Please modify the clause to be read as - The offer submitted by the firm should be valid for 180 days from the date of opening Submission of tender document.	Legal	Query evaluated but RFP conditions prevail.	

TCS	43	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC-3: Insurance:	11	As the supplier has to deliver the material on FOR BNP Dewas Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier.	The cost of insurance will be borne only till the material is supplied to BNP Dewas and not after that.	Legal	Query evaluated but RFP conditions prevail. Please refer Corrigendum	
TCS	44	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC-12: Failure & Termination	12	a. Cancellation of contract for Default: Without prejudice to any other remedy for breach of contract, like removal from the list of registered supplier, by written notice of default sent to the supplier, the contract may be terminated in whole or in part	Upon cancellation of the contract, client will pay to SI all the fees for the work completed till such period.	Legal	Query evaluated but RFP conditions prevail.	
TCS	45	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC-12: Failure & Termination	13	b. Termination of Contract for convenience: Bank Note Press, Dewas (M.P.) may at any time terminate the Contract by giving you one month's prior notice in writing to that effect and shall have the liberty to appoint any other agency to carry out your obligations under this Contract.	Bidder requests that the termination should be mutually discussed. Unilateral termination without giving Bidder a chance to make its case hear will increase the risk for the bidder. Therefore, we request for the deletion of this clause or modification to accommodate Bidder's equal participation in the process.	Legal	Query evaluated but RFP conditions prevail.	
TCS	46	SECTION VI: LIST OF REQUIREMENTS		14	7. FALL CLAUSE: The BIDDER undertakes that it has not supplied / is not supplying similar product / systems or sub-systems at a price lower than that offered in the present bid in respect of any other Customer/Organization and if it is found at any stage that similar products / systems or sub- systems was supplied by the BIDDER to any entities at a lower price than that very price with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER if the contract has already been concluded.	Bidder considers this clause as restrictive to it's business. We expect SPMCIL to appreciate that Bidder is free to business with other customers the way it finds fit. It should not have any bearing, commercially or whatsoever, with the current bid as long as our response is as per the RFP guideline. Bidder requests this clause to be deleted.	Legal	Query evaluated but RFP conditions prevail.	
TCS	47	SECTION VI: LIST OF REQUIREMENTS	9. AFTER SALES SUPPORT:	15	The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid.	The contract tenure for the SI is 12 months from date of issue of final acceptance certificate from BNP, Dewas and system Go-Live and 48 months from the end date of warranty after which the SI shall exit. Hence, the SI shall not be contractually liable for providing any technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Also, in this fast-changing IT technology landscape, ensuring 10 years of spares and consumables written commitment is practically an unviable expectation. Hence, we request you to scope the support till the end of the contract period only and amend this clause appropriately.	Legal	Please refer corrigendum	BNP, Dewas reserves the right to extend the duration of the project up to 10 years. The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period shall be paid to a bidder on a pro-rata basis
TCS	48	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1. SCOPE OF WORK	16	General	Please clarify if there is any existing replication link between DC to DRC for Track & Trace System?	Technical	Please refer clause 1.6. MPLS connectivity of the RFP. Please refer corrigendum	The Primary bandwidth has been enhanced to 20 Mbps per link capacity with Active-Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps. However, the SI will be required to provide the sizing and corresponding justification for the bandwidth requirements for T&T application .
TCS	49	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1. SCOPE OF WORK	16	General	Please confirm if there is Public/Internet facing application. If it present, then who is managing Public DNS & Domain.	Technical	No Public/internet facing application.	
TCS	50	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	16	d. SI shall be responsible for detailed understanding of the existing SAP process (including functional and technical requirements).	Though SI shall be responsible for gaining understanding of the existing SAP process, it is important that SPMCIL IT team take equal ownership of delivering the required information to the SI in a timely and effective manner. Bidder requests a confirmation on this.	Dept	Query evaluated but RFP conditions prevail.	

TCS	51	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	16	e. It will be the responsibility of SI to coordinate with all the internal and external stakeholders involved in this project.	It is the responsibility of SPMCIL to identify the right stakeholders, both internal and external, and engage them with the SI and ensure that they are responsive towards the requirements shared by the SI in a timely and effective manner. Bidder requests a confirmation on this.	Dept	Query evaluated but RFP conditions prevail.	
TCS	52	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	16	e. It will be the responsibility of SI to coordinate with all the internal and external stakeholders involved in this project.	Please provide the complete list of Internal and External Stakeholders involved in the project for the SI to work out the effort estimates.	Dept	Please refer Section "Scope of Work" for details related to Various Stakeholders involved in the project	
TCS	53	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	m. The overall system should be scalable to support any addition of new machines, production lines and units in future. There should not be any constraint in application capabilities to add new users, machines, production lines and units.	Please specify what kind of new machines can be added in future. Whether it will be IoT Sensors/Servers for hosting application or anything else.	New Machine	New machines means New Paper manufacturing, printing and finishing machines. Please refer Annexure - A (Machine Information) for more details	
TCS	54	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	q. 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.	1. This is a very open-ended statement, since adding new users, machines etc. might result in requirement of additional hardware and /or software licenses which has a commercial implication. This is also in contradiction to Section 1.3 Clause l. Please modify this clause such that any additional hardware / software licenses are covered as part of change request. 2. Please provide the expected year on year increase in the users and/or machines at each of the locations so the appropriate sizing can be calculated.	New Machine	Query evaluated but RFP conditions prevail. Please also refer price bid for "Capex Machine" footnote ii, iii	
TCS	55	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	t. Track and Trace application should be able to retrieve data from active database as well as archival.	Please provide the archival policy for data including the retention.	Technical	Please refer point no "p" of section 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR. Also,Please refer Corrigendum	
TCS	56	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.2. Integration with Existing SAP ERP	17	d. SI should use middleware for communication between Track and Trace and SAP to ensure secured and seamless integration. The SI should use SAP PI/PO** middleware for integration between Track and Trace and existing SAP.	Please specify scope for integration in brief including the possible source and target data formats, approximate number of integration interfaces etc.	Technical	Please refer Section 4. Functional Requirement and Process flow of proposed system of the RFP	
TCS	57	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	m. The overall system should be scalable to support any addition of new machines, production lines and units in future. There should not be any constraint in application capabilities to add new users, machines, production lines and units.	1. the proposed system will be scalable but giving an outright commitment to serve the future new additions may not be possible without an analysis. Hence, it is requested that any new addition of machines, production lines, units etc. need to be mutually discussed and agreed upon with the SI. Bidder requests a confirmation on this understanding. 2. Moreover, any IOT device required for additional machines will be procured separately by SMPCIL or by SI at an additional cost to SMPCIL. Please confirm.	New Machine	1. Augmentation (if any) of storage and compute as per the solution at DC, DR and Units shall be under SI's scope, no additional cost shall be paid for the same during the contract period. However, in case of addition of new line/machines/units which is not covered in current scope shall be treated as change request and payment to the SI shall be made as per applicable clause for infrastructure part 2. Please refer corrigendum	
TCS	58	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	l. The system should be designed and developed with high redundancy to ensure 100% accountability and traceability.	High redundancy is related to the availability aspect of any system. Please help us understand this clause to avoid any ambiguity.	Technical	The system should be designed, developed and implemented in such a way to ensure 100% traceability and accountability. Also, Considering the critical nature of the Project, bidder to ensure 100% availability of system as mentioned in the RFP	
TCS	59	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.2. Integration with Existing SAP ERP	18	e. The data exchange between two systems should be transmitted securely (encrypted) through secured HTTPS layer	While traffic over WAN will be encrypted as per best practices, please confirm if traffic over LAN is also required to be encrypted	Technical	Please refer clause 1.13 of RFP. The solution should comply with ISO 27001:2018 or latest	

TCS	60	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at	19	j. Entire solution shall be IPv6 implementation ready and shall support both IPv6 & IPv4 i.e., in Dual Stack mode from day one.	Please specify about the existing Users/Clients who are using existing track & trace system are on IPv4 or IPv6.	Technical	Track & Trace is a new system which has to be designed, developed and implemented by SI as per the RFP term and conditions
TCS	61	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	19	k. VPN access for only staging and development zone shall be provided to the SI team and same should be considered with NGFW. However, there should not be any VPN access of the production environment to the SI and all the changes in this environment shall be carried out via using direct SPMCIL network only.	Is there any internet link for VPN? If there is any, please provide the bandwidth, and its uses other than VPN if applicable. If internet link is not there how can we update patches, hot fixes.	DC Noida	VPN access for only staging and development zone shall be provided to the SI team and same should be considered with NGFW. However, there should not be any VPN access of the production environment to the SI and all the changes in this environment shall be carried out via using direct SPMCIL network only OR Point to Point Connectivity may be setup after the approval by SMPCIL via whitelisting the IP.
TCS	62	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	19	h. SI shall need to augment the storage immediately, once it reaches the utilization of 70%.	SI will procure the storage as per the BOM given in the RFP. Any additional storage requirement shall be catered to through Change Request process at an additional cost borne by SPMCIL. Bidder requests a confirmation on this regard.	Technical	Please refer point "l" of section 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR. Also, Bidders are requested to carry out their own detailed assessment for the infrastructure requirement before bid submission
TCS	63	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	19	h. SI shall need to augment the storage immediately, once it reaches the utilization of 70%.	As per RFP, the following SAN Storage capacity requirements are given - DC 25TB usable capacity, - DR 25TB usable capacity, - BNP, Dewas 10TB usable capacity, - CNP, Nashik 10TB usable capacity and - SPM, Narmadapuram 10TB usable capacity. The SI shall quote as per the above storage requirements only and if there is a need to augment the storage, this cannot be done immediately (upon reaching 70% utilization) as this augmentation will have to be done as part of CR only which shall have its own procurement related lead times. Also, the cost for the augmented capacity will be as per actuals which has to be borne by SPMCIL. Request a line in confirmation.	Technical	Please refer point "l" of section 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR. Also, Bidders are requested to carry out their own detailed assessment for the infrastructure requirement before bid submission
TCS	64	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	19	l. Augmentation (if any) of storage and compute as per the solution at DC, DR and Units shall be under SI's scope, no additional cost shall be paid for the same during the contract period. However, in case of addition of new line/machines/units which is not covered in current scope shall be treated as change request and payment to the SI shall be made as per applicable clause for infrastructure part.	Consumption of storage will increase as part of operations. However, the operations volume is not fixed. Consequently, with increase in volume the storage space consumed will also go up. Similarly, addition of additional lines may result in increase in consumption of storage space. Bidder requests SPMCIL to amend the clause to allow provisioning of additional storage capacity as part of Change Request (CR). Similarly, if as part of OS, Middleware, Application, DB etc. upgrades the compute capacity in terms of CPU, memory, Storage etc. needs to be increased, same will be part of CR. Request you to please confirm the same.	Technical	Please refer point "l" of section 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR. Also, Bidders are requested to carry out their own detailed assessment for the infrastructure requirement before bid submission
TCS	65	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	19	k. VPN access for only staging and development zone shall be provided to the SI team and same should be considered with NGFW. However, there should not be any VPN access of the production environment to the SI and all the changes in this environment shall be carried out via using direct SPMCIL network only.	We understand that we are expected to use the VPN functionality of NGFW for staging and development activities. Please confirm if our understanding is right.	DC Noida	VPN access for only staging and development zone shall be provided to the SI team and same should be considered with NGFW. However, there should not be any VPN access of the production environment to the SI and all the changes in this environment shall be carried out via using direct SPMCIL network only

TCS	66	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR	20	r. Quantity / Capacity in DC and DR	Since similar infrastructure will already be present in DC and DR as part of the Tech Refresh HANA RFP, please confirm if we need to provision all these separately or we can use the equipment which will be installed as part of Tech Refresh. For e.g. Blade chassis will be present, the SI operating HANA can procure additional servers as per specs given. Similarly, the other items like Storage, licenses etc. This will help SMPCIL optimize cost.	DC Noida	Query evaluated but RFP conditions prevail.	
TCS	67	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR	20	r. Data Center, Noida 2. Blade Servers and Chassis · Development - 01 Server · Staging – 02 Servers (Application and Database) · Production – 04 Servers (Application and Database) DR, Hyderabad 2. Blade Servers and Chassis Production – 02 Servers (Application and Database)	1) Please suggest whether the quantity of Servers mentioned against each environment are individual Blade Servers. 2) Can these Blade Servers be in the same Blade Chassis itself? Please clarify. 3) In the cost sheet in DC it is mentioned 7 against Sl. No 1.2 Blade Servers and Chassis	IT Infra	Point 1 : Yes, all are individual blade server Point 2: All server are installed in same blade chassis Point 3: Not clear	
TCS	68	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR	20	r. 3. SAN Storage (SSD storage) with dual controller = 25 TB in DC and DR	The storage in the 3 locations is 10 TB each. Most of the data from these 3 locations will be stored in the Data center. Information stored in Data centers may be of longer duration than that in the respect 3 locations. Please confirm of 25 TB in DC and DR is sufficient for Track & Trace application.	Technical	In case, certain components which are required to meet the SLAs but not included in this RFP, the bidder shall include such equipment also in the unpriced bill of material and quote for the same in their Financial bid. It may be noted that specifications provided is this RFP are minimum requirement and SI can procure better equipment if required to meet the Scope of Work and SLAs. Also, Bidders are requested to carry out their own detailed assessment for the infrastructure requirement before bid submission	
TCS	69	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR	21	Note: All the infrastructure at DC should be in High Availability (HA) mode. The SI shall ensure that high availability of all components is built into the architecture	Only DC should be in HA mode? Kindly Confirm. What should be the compute capacity of DR w.r.t DC?	Technical	Please refer point r clause 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR of RFP	
TCS	70	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR	21	Note: SPMCIL is in process of upgrading the technical infrastructure at DC, Noida, DR, Hyderabad and all three units. The Tech Refresh RFP for the same is expected to come out soon or has been published on <<date>> and it is available on <<portal name>>. The bidders are advised to refer the same. As mentioned in this section, 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 this section. The selected bidder in close consultation with SMPCIL and BNP- Dewas may leverage common Tech Refresh infrastructure to host the T&T application at DC, DR and all three units. 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 in financial bid of Table-3) shall be deducted/adjusted accordingly.	Please clarify if we can assume that for SAP ERP HANA & Track & Trace application can be hosted on same hardware?	Technical	Please refer 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR and its corresponding note Please refer corrigendum	Note: SPMCIL is in process of upgrading the technical infrastructure at DC, Noida, DR, Hyderabad and all three units. The Tech Refresh RFP for the same is expected to come out soon or has been published on 04 April 2022 and it is available on https://www.spmcil.com/Interface/Tenders.aspx?lnkCorr=gAYr282mX/o=&ExpiryStage=gAYr282mX/o=&SelU=fvrMdNbgIZ8=&Header=MF1tO6o7CiU=. The bidders are advised to refer the same. As mentioned in this section, 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 this section. 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, DR and all three units. 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 in financial bid of Table-3) shall be deducted/adjusted accordingly

TCS	71	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	21	a. The SI shall be responsible for setup of Server Rooms at all the three units which includes supply, installation and commissioning of IT infrastructure such as Smart Racks, software, hardware, database, OS, networking, security, etc.	All the required space for setup of server rooms at all the three units will be provided by SPMCIL. And we assume earthing already in place. Kindly confirm.	Technical	Only Physical space for server room will be provided by the respective units, all other work/arrangement as per Scope of work (including earthing) shall be the responsibility of SI	
TCS	72	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with	21	b. The SI shall be responsible for supply, installation and commissioning of required machine infrastructure such as barcode printer, reader, sensors, etc. at all the three units. All the mechanical, electrical, civil & instrumentation works, and related items shall be part of the SI's scope of work.	Please provide the numbers of hardware required against the equipment at all three units.	Technical	Please refer financial bid for more details. However, bidders are advised to carry out their own detailed assessment for infrastructure related requirement as per the Scope of Work and SLAs	
TCS	73	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.3. Supply, Installati on and Commiss ioning of IT infrastru cture at DC and DR	21	u. Considering the critical nature of the Project and 100% availability, SI to build proper mechanism for Business Continuity. Following RPO and RTO should be met by application	The bandwidth/connectivity is being provided by SMPCIL therefore to achieve this RTO/RPO SMPCIL need to provide sufficient bandwidth as per the required RTO/RPO based on rate of change of data. 2. what is the expected rate of change of data?	Technical	Please refer Corrigendum	Primary Bandwidth has been enhanced to 20 Mbps per link capacity with Active Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps.
TCS	74	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	21	c. The SI shall be responsible for establishing server rooms at all three locations which includes all the required cabling, civil, instrumentation, mechanical, electrical, Non-IT works, UPS, etc. Necessary rooms for setting-up of server rooms shall be provided by respective units in their premises. SI to adhere with best practices for designing and setup of Server room at each unit.	The SI understands that the required cabling, civil (if any) works is only confined to the Server Room. Please clarify if our understanding is correct.	Dept	Please refer Section 1.4. Supply, Installation and Commission of Track and Trace Solution (along with Infra) for details. The scope is mentioned clearly in the same. Cabling from Machine and Workstation to server room and Vice-versa shall be SI's responsibility.	
TCS	75	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	21	c. The SI shall be responsible for establishing server rooms at all three locations which includes all the required cabling, civil, instrumentation, mechanical, electrical, Non-IT works, UPS, etc. Necessary rooms for setting-up of server rooms shall be provided by respective units in their premises. SI to adhere with best practices for designing and setup of Server room at each unit.	The SI understands that the UPS requirement is only confined to the Server Room for the proposed Servers, Storage, Network and Firewalls. Please confirm	Technical	UPS Power to be supplied to the entire T&T system	

TCS	76	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	g. Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa.	The existing Passive/Structured LAN cabling for all units are supported with Cat5 or Cat6 cables. Kindly confirm and please provide the existing LAN details if any.	Technical	Separate LAN cabling for T&T system is SI's responsibility. Detailed information of existing LAN will be provided at the time SRS preparation.	
TCS	77	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	i. Indicative Infrastructure requirements at all three units are given below:	Following information is required to correctly estimate the infrastructure sizing: 1. What will be the average bar code scanning count per hour at each site? 2. What will be the peak bar code scanning count at each site? 3. what will be the peak periods for scanning in track and trace application (days, time of the day)? 4. Please provide the number of concurrent and peak users for track and trace solution for each location.	Process	Please refer the Section XXII-Annexures (Annexures A) of RFP for Machine related information.	
TCS	78	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	g. Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa	Please confirm if we have to integrate with any existing LAN. If so, pls provide the complete details along with layouts for the respective sites.	Technical	Yes, SI need to integrate with existing LAN. However, detailed information will be provided at the time SRS preparation with the SI	
TCS	79	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	g. Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa	Our understanding is the LAN and other cabling is only confined to the Smart Racks being supplied by the SI. Please confirm.	Technical	Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa	
TCS	80	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	g. Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa	Please provide the floor layout of various blocks / buildings clearly plotting the desktops / machines / sensors, distances from the machines / sensors to the gateway points and the proposed Server room, the type of cable already available, the speeds supported by the existing cables.	Technical	Bidders are advised to carry out Onsite visit and make their own detailed assessment	

TCS	81	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	22	g. Necessary internal LAN/other cables to be laid by SI in all the three units to ensure end to end connectivity and there should not be any disruption in sending and receiving data and information from machines to servers and vice – versa	Please provide the dimensions of all the rooms in all the three facilities where the sensors are to be installed along with the distances from each such room to the respective Server Rooms in the facility / unit.	Technical	Bidders are advised to carry out Onsite visit and make their own detailed assessment	
TCS	82	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIoT based solution for monitori ng key paramet er	23	c. All the data collected through various IIoT sensors shall be kept at local unit level server. Frequency of data generation shall be decided later after SI's onboarding.	Frequency of data generation will determine the storage capacity and the bandwidth requirement; hence it is important that the same may be provided along with the RFP so that the sizing can be done.	IIOT	Frequency of data generation shall be decided later after SI's onboarding during SRS finalization stage	
TCS	83	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIOT based solution for monitori ng key paramet er	23	e. It is the responsibility of SI to generate various meaningful insights from the data generated from IIoT sensors to improve the overall efficiency of existing process. Analytics tools required for such reports shall be under bidder's scope.	1. We understand from the RFP that SPMCIL has an elaborate SAP setup at the DC which includes licenses for SAP BI and BO. Please confirm whether the bidder can use the same licenses for development of the required reports and analytics. 2. If not please specify the no. of users at each location and headquarters who will be using the reporting and analytics tools?	Technical	1. Please refer Section (VII).(1.2)(Note) 2. Approximately Total 150 users at all locations	
TCS	84	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIOT based solution for monitori ng key paramet er	23	f. The IIoT solution should be designed considering the same as there would not be any internet connectivity inside the factories.	Will this IOT data be synced with the centralized application hosted on DC. If yes, then what will be the mechanism, frequency and size of data to be synchronized.	IIOT	Yes, data shall be synced with the centralized application hosted on DC. However, frequency, size and kind of data/information to be finalized at the time of SRS stage.	
TCS	85	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIOT based solution for monitori ng key paramet er	23	a. SI shall be responsible for installation, deployment, and maintenance of all necessary IIoT sensors and other peripheral devices at unit level/machine level (wherever applicable). The end-to-end IIoT solution shall be provided by SI under Track and Trace project.	What is the Failure mode of each machine and parameters need to monitor to identify the failure mode Communication interface and data availability against each machine and what will be mode of data transfer protocol	Process	The same shall be discussed during the SRS preparation with SI	
TCS	86	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIOT based solution for monitori ng key paramet er	23	b. IIoT sensors shall be installed at key points by SI at Units & Machine level (wherever applicable) to monitor key parameters such as humidity and temperature of machines critical points. The environmental sensors shall help to detect the machine's operating environment.	Apart from the temperature and humidity what are the key parameters which need be monitored and what are the relevance of these parameters against the machine performance and Note quality?	IIoT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter	
TCS	87	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.5. IIOT based solution for monitori ng key paramet er	23	d. Energy consumption of various machines to be monitored using multi-function digital energy meters. The energy consumed by the machines when compared with the rated optimum consumption (as provided by the machine manufacturer) will indicate the energy efficiency of the machine	What is status of energy meters at each machine now, and how energy distribution take place, it's a centralize energy for each machine or individual supply	IIOT	Currently, there is no machine-wise energy meter available. Each machine has its own individual supply.	

TCS	88	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.5. IIOT based solution for monitoring key parameter	23	f. All the data generated through IIoT sensors should be stored on premises at Unit level and DCDR level. The IIoT solution should be designed considering the same as there would not be any internet connectivity inside the factories.	Is internet connection allowed in production area as in order to enable the sensors communication with gate Wi-Fi and LAN are required	Technical	Internet connectivity is not allowed inside production area, however sensors can communicate with gate/servers via secured Intranet	
TCS	89	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.5. IIOT based solution for monitoring key parameter	23	g. · Impact of parameter (temperature and humidity) in the production quality	What is the idle temperature and humidity conditions at production area, what level of increase and decrees of temperature and humidity impact in quality. Or SI should develop a diagnostics analysis chart against the production quality % and temperature and humidity, any other parameters required to be captured apart from temperature and humidity	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter for RFP requirement	
TCS	90	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.5. IIOT based solution for monitoring key parameter	23	g.· Support in root cause analysis of machine breakdown	Please explain the maintenance parameters, procedure and schedule along with faileus modes and errors	Process	To be shared with SI after onboarding and signing of NDA	
TCS	91	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.5. IIOT based solution for monitoring key parameter	23	c. All the data collected through various IIoT sensors shall be kept at local unit level server. Frequency of data generation shall be decided later after SI's onboarding.	What will be retention period of this data? This will have impact on storage utilization. Any storage requirement beyond 10 TB will be procured as part of CR. Please confirm.	Technical	All the relevant unit-level data are transferred to the central server on near real-time basis. The data which has been transferred to central servers can be archived / truncated from the local unit after around 30 days. The detailed policy for archival / truncation of unit-level data from local servers shall be finalized in consultation with BNP, Dewas after SI's onboarding. Please refer Corrigendum	Data generated for T&T purpose shall be stored for the lifetime whereas storage and retention period for IOT/IIOT sensors related information shall be finalized during SRS preparation.
TCS	92	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.6. MPLS connectivity	23	b. The current bandwidth is around 6 Mbps and the same can be enhanced by DC, Noida as per the requirement of Track and Trace system. However, the bidder is required to provide the sizing and corresponding justification for the bandwidth requirements.	Please suggest the 6 Mbps is the per link capacity at the resp Business Unit / branch locations? As there are dual distinct MPLS Service providers, pls suggest whether these are active passive or active links?	Technical	Please refer Corrigendum	Primary Bandwidth has been enhanced to 20 Mbps per link capacity with Active Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps.
TCS	93	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.6. MPLS connectivity	23	b. The current bandwidth is around 6 Mbps and the same can be enhanced by DC, Noida as per the requirement of Track and Trace system. However, the bidder is required to provide the sizing and corresponding justification for the bandwidth requirements.	1.What is replication bandwidth capacity between DC and DR? 2. Is the replication between DC and DR happening over MPLS or there are dedicated links provisioned?	Technical	Please refer Corrigendum	1. Primary Bandwidth has been enhanced to 20 Mbps per link capacity with Active Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps. 2. Replication between DC and DR happening over MPLS
TCS	94	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.6. MPLS connectivity	23	b. The current bandwidth is around 6 Mbps and the same can be enhanced by DC, Noida as per the requirement of Track and Trace system. However, the bidder is required to provide the sizing and corresponding justification for the bandwidth requirements.	What is the current rate of change of Data?	Technical	Please refer Corrigendum	Primary Bandwidth has been enhanced to 20 Mbps per link capacity with Active Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps.
TCS	95	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.5. IIOT based solution for monitoring key parameter	23	f. All the data generated through IIoT sensors should be stored on premises at Unit level and DC-DR level. The IIoT solution should be designed considering the same as there would not be any internet connectivity inside the factories.	As there would not be any Internet inside the factories, kindly suggest what is the current mechanism being followed for Patch updates / upgrades for the systems which requires Internet connectivity?	DC Noida	Internet connectivity is not allowed inside production area. Updates / upgrades to be done as per the SPMCIL IT policy	

TCS	96	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar.	1. Please confirm that this helpdesk need not be at customer premises and can be set up at bidder's premises as part of a shared helpdesk setup. 2. Please specify how many seats are required in the helpdesk in the main shift and how many in the other 2 shifts?	Helpdesk	Please refer Corrigendum	1. Helpdek should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement 2. SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Also, SI should deploy necessary manpower to ensure scope as per section (VII). (1.7)
TCS	97	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar.	1.Kindly clarify whether Human assistance is also required 24*7 2. Mode of communication English, Hindi or both? 3. What is expected Call volume for IT Helpdesk 4. Is there any requirement for outbound calls? 5. Kindly clarify the minimum resources required in each shift for 24*7 operations.	Helpdesk	1.Yes 2. Both 3. Call volume will be worked after system implementation 4. Yes, Outbound call shall be required 5. Please refer corrigendum	1. Helpdek should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement 2. SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Also, SI should deploy necessary manpower to ensure scope as per section (VII). (1.7)
TCS	98	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract. The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase. This helpdesk must be compliant to the ITIL guidelines and standards. The help desk should be setup from the Pilot launch of the project.	Please confirm the location of Helpdesk.	Helpdesk	Please refer Corrigendum	Helpdesk should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement
TCS	99	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase.	Kindly confirm whether Helpdesk tool setup will be on Premise or Cloud?	Helpdesk	On Premise helpdesk tool shall be proposed only	
TCS	100	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase.	We understand that a helpdesk system and a ticket logging tool are being procured as part of the SAP RFP. Please clarify whether the SI can use the same tool, or a separate tool needs to be procured.	Helpdesk	Bidders are advised to refer the Section VII clause 1.7 for a detailed scope of work	
TCS	101	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract.	We understand voice setup including Toll Free number and Telephones lines will be provided by the SPMCIL. Kindly clarify. Who is going to bear the telecom expenses SPMCIL or SI? Kindly clarify. Kindly confirm how many channels can be added apart from listed here. SPMCIL is going to provide the Email gateway to integrate with the Helpdesk solution. Kindly confirm.	Helpdesk	Please refer Corrigendum	Telecom expenses will be borne by SMPCIL. Channels to log the tickets will be via voice call, email support and through T&T application
TCS	102	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.8. Quality Assurance and Exception Handling	24	Scenario: 1. Barcode printing / labelling not done on sheet/ream/pallet/bundle/box/etc. through by barcode printer/labeler installed at machines due to some reason Mitigation Plan: Onsite Technical team from SI to check and resolve the issues immediately. However, Penalties shall be imposed as applicable.	1. Please provide the details of printers and scanners and corresponding OEM contract details. 2. Please confirm that the onsite SI engineer will be only responsible for the coordination with the OEM. Actual OEM will be responsible for the physical replacement and maintenance. 3. Penalties if any will be imposed on OEM not to bidder. Kindly confirm.	Dept	Please refer Section VII Scope of Work section, roles and responsibilities of Bidder/SI are clearly mentioned	
TCS	103	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.8. Quality Assurance and Exception Handling	24	Scenario: 2. Barcodes printed/ labelled not read through scanners installed at machines due to some reason	1. Please provide the details of printers and scanners and corresponding OEM contract details. 2. Please confirm that the onsite SI engineer will be only responsible for the coordination with the OEM. Actual OEM will be responsible for the physical replacement and maintenance. 3. Penalties if any will be imposed on OEM not to bidder. Kindly confirm.	Dept	Please refer Section VII Scope of Work section, roles and responsibilities of Bidder/SI are clearly mentioned	

TCS	104	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.8. Quality Assuranc e and Exceptio n Handling	24	The SI shall deploy sufficient technical manpower at all the three units for quick resolution of any issues	Please confirm that this technical manpower to be deployed is the same as the Track and Trace Expert mentioned in the RFP.	Manpowe r	Please refer clause (1.9) (B) -Warranty and CAMC Phase	
TCS	105	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centraliz ed Helpdes k Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract. The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase.	1. Is there any requirement of Tollfree number, IVRS, chatbot. 2. please provide approx. number of users who will be contacting the helpdesk.	Helpdesk	1. No requirement of Tollfree number, IVRS, chatbot. Channels to log the tickets will be via voice call, email support and through T&T application	
TCS	106	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.9. Manpow er Deploym ent	25	B. Warranty and CAMC Phase: Manpower Type: Number of Resources:	Does this denote total no. of resources or no. of resources per shift?	Manpowe r	Please refer Corrigendum	B. Warranty and CAMC Phase: Number of resources BNP, Dewas (Track and Trace Expert)-4 CNP, Nashik (Track and Trace Expert)-4 SPM, Narmadapuram (Track and Trace Expert)-6 Note- Minimum 2 resource per shift should be maintained by SI all the time
TCS	107	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.9. Manpow er Deploym ent	26	B. Warranty and CAMC Phase: Number of Resources	Is the requirement for no. of persons per shift OR total no of resources per manpower type. If it is no. of resources per manpower then the count given is misleading? For example, for 24 X 7 shift, assuming 1 person per shift, we will need to account for 5 resources. Required leaves, compliance to working hours will not allow us to allocate 3 resources for 24X7 shift. Request you to amend the same as this has implications on cost	Manpowe r	Please refer Corrigendum	B. Warranty and CAMC Phase: Number of resources BNP, Dewas (Track and Trace Expert)-4 CNP, Nashik (Track and Trace Expert)-4 SPM, Narmadapuram (Track and Trace Expert)-6 Note- Minimum 2 resource per shift should be maintained by SI all the time
TCS	108	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.9. Manpow er Deploym ent	27	B. Warranty and CAMC Phase: Note: No cost shall be paid during the warranty period for the manpower	Please confirm if Dewas may require additional manpower during the warranty period. If so, then the same needs to be on additional cost.	Manpowe r	Please refer Corrigendum	The above are indicative manpower requirements for Warranty and CAMC Phase. The bidder may be required to deploy additional resources as per the project requirement without any additional cost to BNP Dewas. No cost shall be paid during the warranty period for the manpower. As per the production requirement, the duration of shift sometime goes beyond 8 hours, the SI shall have to keep provision of the same to ensure uninterrupted services.
TCS	109	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.10. Dashboa rd, Report and Analytics	28	A. Dashboard – SPMCIL Corporate Head Office (CHO) B. Dashboard – Ministry of Finance Official (external stakeholder) C. SPM, Narmadapuram D. BNP, Dewas and CNP, Nashik	Is Production Efficiency, Quality, Machine status etc. part of track and Trace application reports? What kind of analytics are expected - Predictive Maintenance, Predictive Quality?	Dashboar d	The reports are indicative, the SI may have to generate other ad-hoc reports as per the requirement of client and project without any additional cost to BNP, Dewas. Application shall provide ad-hoc query and analysis capability so that business users could create new analyses from scratch or modify existing analyses.	
TCS	110	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.10. Dashboa rd, Report and Analytics	28	d. The Track and Trace application shall provide dynamic dashboards to all end-users.	Please specify the total no. of users at each location who will have access to the dynamic dashboards.	Dashboar d	Total no. of users at all the locations (Units and DC & DR) could be 150 Approx. However, it can be increased in future. There should not be any restrictions of no of users and it should be done at no additional cost to BNP, Dewas	

TCS	111	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.10. Dashboa rd, , Report and Analytics	28	d. Analytics tool required to perform the data analytics and generate meaningful insight for T&T dashboard shall be under SI's scope.	Please provide the scope of insights that are required to be generated from the underlying data.	Dashboar d	It shall be discussed and finalized at the time of SRS preparation	
TCS	112	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	Based on the roles and responsibilities of BNP-Dewas, CNP-Nashik and SPM-Narmadapuram employees, a role-based training approach shall be imparted by SI.	Please confirm the training location.	Training	Training will be provided by SI in all the three units, DC and DR	
TCS	113	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	Number of Personnel to be trained	Please specify what is the total no. of batches to be conducted for each type of training.	Training	To be decided and finalized after SI's onboarding	
TCS	114	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	· Imparting training as per the Training Need Analysis (TNA).	Apart from English, are there any other languages in scope for the content / training delivery?	Training	Both Hindi and English	
TCS	115	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	· Imparting training as per the Training Need Analysis (TNA).	1. Is there a Learning Management System available that will be used to host the Digital Content? If yes: - What is the LMS product? 2. Is there a dedicated L&D/LMS tech team to support various activities needed to deploy the Learning solution? 3. If not, does the vender need to propose an LMS platform to host Digital Content?	Training	SI need to bring the learning solution, no existing solution is available	
TCS	116	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	· User Manuals, presentations and videos to be developed to promote self-learning and assist training participants in undergoing the training.	Is there a preference on the tools and technologies developing e-Content? Will SPMCIL Track and Trace provide appropriate tools or vendor can suggest a tool, for e.g.- SAP Enable Now?	Training	No preference on the tool, bidder should evaluate and suggest as per the Scope and project requirement. SPMCIL will not provide any tool.	
TCS	117	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	· User Manuals, presentations and videos to be developed to promote self-learning and assist training participants in undergoing the training.	Is SPMCIL Track and Trace expecting Digital Training artifacts such as eLearning (WBTs), Simulations, Nano videos?	Training	Please refer corrigendum	Simulations and Nano videos are required. However, SI shall carry out the training need analysis.
TCS	118	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.10. Dashboa rd, Report and Analytics	30	b. Tools and utilities shall be provided to facilitate exporting reports in various formats such as MS Word, MS Excel, Adobe Acrobat etc.	The reports generated should be readable by users. Hence the desktops / laptops used for the same need to have this software. Please confirm the no. of licenses to be provisioned for the same	Technical	Please refer corrigendum	Basic software like MS Word, MS Excel, Adobe Acrobat etc for departmental user will be arranged by department However, specific tools /licenses used for the analytics will be provided by SI as per the scope of work of RFP.
TCS	119	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.10. Dashboa rd, Report and Analytics	30	b. Tools and utilities shall be provided to facilitate exporting reports in various formats such as MS Word, MS Excel, Adobe Acrobat etc.	The endpoint computing devices like laptops, computers etc. are not specified in the RFP. The SI assumes that these devices along with other peripherals like network printers, LAN / other cabling for these network nodes etc. are out of SI's scope of deliverables. Pls confirm.	Technical	Please refer Section 1.4. Supply, Installation and Commission of Track and Trace Solution (along with Infra) for details. The scope is mentioned clearly in the same. Cabling from Machine and Work station to server room and Vice-versa shall be SI's responsibility.	
TCS	120	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.11. Training and Capacity Building	30	General	The SI assumes that the infrastructure required for conducting these trainings viz. Projectors, desktops, rooms, furniture etc. will be provided by SPMCIL at the respective sites. Please confirm	Training	Room and Furniture for training shall be provided by units, rest arrangement shall be done by SI	

TCS	121	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.11. Training and Capacity Building	31	Training Need Analysis (TNA) Module description: 3. Detailed training on the Track & Trace application software Training need - Band wise	Is SPMCIL Track and Trace looking for Train the Trainer approach or Digital Training Approach or blended Training for Application Software Training? What will be A-D Band wise count?	Training	To be decided later after SI's onboarding	
TCS	122	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.14. Integration of New Pulp Plant and Paper Machine with SAP through SCADA	32	New Pulp Plant and Paper Machine at SPM, Narmadapuram are required to be integrated with SAP through SCADA. Though these machines shall not be part of Track and Trace system, however, data from the same need to be integrated with SAP directly.	Please specify scope for integration in brief.	SPM	Details are provided in section 1.14. However, The requirements mentioned in the section are indicative. Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
TCS	123	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.14. Integration of New Pulp Plant and Paper Machine with SAP through SCADA	32	d. This requirement of integrating New Pulp Plant and Paper Machine with SAP through SCADA can be taken up by SI separately in Phase-2 of this project after completion of T&T system FAT.	1. Please confirm that this is not part of the current RFP scope. 2. if yes, please clarify the phase 2 requirements and scope for the current RFP. 3. In case the solution has to be architected keeping phase 2 requirements then relevant details of phase 2 requirements need to be provided.	SPM	Details are provided in section 1.14. However, The requirements mentioned in the section are indicative. Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
TCS	124	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.14. Integration of New Pulp Plant and Paper Machine with SAP through SCADA	32	a. New Pulp Plant and Paper Machine at SPM, Narmadapuram are required to be integrated with SAP through SCADA. Though these machines shall not be part of Track and Trace system, however, data from the same need to be integrated with SAP directly	What is the purpose of integration? Would you be measuring any KPIs like thruput/ yield/ Utility consumptions etc. pertaining to these machines? Is there any provision to be made in the present application for integration of this requirement in next phase?	SPM	Purpose of the integration is to measure KPIs like thruput/ yield/ Utility consumption etc. Details are provided in section 1.14 & 1.10(c) However, The requirements mentioned in the section are indicative. Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
TCS	125	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.13. Certification	32	c. SI shall have to obtain, manage and continue the certificates and these certifications should be completed immediately within 1 month after the FAT and Go-live. The cost of certification shall be borne by the SI	Request 9 months' time to complete the certification. The certification is based on the policies deployed and documentary evidence of compliance to the same. There are some documents that can only be prepared post completion of deployment. This is the standard process. Request you to kindly amend the same.	Timeline	Please refer corrigendum	Payment and Timeline clause has been revised
TCS	126	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.16. Third Party and Security Audits	33	a. SI shall carry out Vulnerability assessment (VA) and Penetration Testing (PT) using certified tool and submit VAPT report prior to start of UAT.	a. The vulnerability assessment and Penetration testing needs to be carried by Cert-In empaneled vendor. Please confirm? Please confirm, who will bear the cost for VAPT in UAT phase.	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.

TCS	127	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.16. Third Party and Security Audits	33	b. The SI shall be responsible for getting the security audit done prior to the Pilot.	We understand that this is an internal audit. Please confirm.	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third part in successful completion of security audit.
TCS	128	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.16. Third Party and Security Audits	33	c. BNP, Dewas may appoint an external agency/ Third-party (CERT-IN empaneled agency) to conduct independent security assessments of developed/customized application and SI shall extend all the necessary support.	Kindly confirm who will bear the cost for third party security audit.	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third part in successful completion of security audit.
TCS	129	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.16. Third Party and Security Audits	33	f. Additionally, BNP, Dewas may later choose to get the Track and Trace solution / system undergo any kind of STQC / third party audit of Application and Infrastructure both (as per applicability) and at any point of time during the SI's tenure, to which SI will assist and fix defects without any additional cost to BNP, Dewas. The testing may include: . Functional Testing . Accessibility Testing . Performance Testing . Penetration Testing . Vulnerability Testing . Database Server Controls . Infrastructure Audit at respective locations . Any other as per IT industry standards	Please confirm that SPMCIL will engage and financially provision for any third-party audit (in STQC) and the scope of SI, in this case, will be only to close the observations given by TPA.	Security Audit	Yes, Understanding is correct. Also refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third part in successful completion of security audit.

TCS	130	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.16. Third Party and Security Audits	33	b. The SI shall be responsible for getting the security audit done prior to the Pilot	Please confirm if the cost of certification will be borne by SI or SMPCIL	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.
TCS	131	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.16. Third Party and Security Audits	33	f. Additionally, BNP, Dewas may later choose to get the Track and Trace solution / system undergo any kind of STQC / third party audit of Application and Infrastructure both (as per applicability) and at any point of time during the SI's tenure, to which SI will assist and fix defects without any additional cost to BNP, Dewas	Please confirm if the cost of Audit will be borne by SI or BNP, Dewas	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.
TCS	132	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.17. Pilot Roll Out	34	A. Entry Conditions of Pilot B. Security audit certification from Cert-In empaneled agency.	Please confirm that the department will bear the cost for third party security audit from cert-in empaneled agency before Pilot Roll out?	Security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.
TCS	133	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.17. Pilot Roll Out	34	B. Exit Conditions of Pilot C. The system should allocate unique id (barcode) to Parcels.	It's a random UID or serial UID. Please explain the nomenclature of barcode	Barcode	The same shall be discussed and finalized during the SRS preparation.	

TCS	134	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.17. Pilot Roll Out	34	B. Exit Conditions of Pilot f. Successful acquisition and demonstration of IoT related parameters.	Please provide the details of parameters related to the production and maintenance and quality against each machine of each unit.	Process	To be shared with SI after onboarding and signing of NDA	
TCS	135	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.18. Final Acceptan ce Testing (FAT)	35	· SI shall be responsible for the security audit by a certified third-party Cert-In empaneled agency during FAT	Kindly confirm who will bear the cost for third party security audit during FAT?	Security Audit	Please refer Corrigendum	Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.
TCS	136	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.19. Warrant y & Compreh ensive Annual Mainten ance contract	35	b. The system shall be under Comprehensive Annual Maintenance Contract (CAMC) for a period of 4 years from the date of expiry of warranty. The CAMC is comprehensive and inclusive of all Hardware, Software, Barcode Printer & Scanner Equipment, Sensors, Manpower, Consumables such as Barcode, RFID, etc. and all other components supplied under the project	The following clause c clarifies that barcodes and RFID will be paid on pro-rata basis based on consumption. Request you to amend clause b accordingly.	Consuma ble	Please refer Corrigendum	Clause 1.19 C. The quantity mentioned below for Sheets, Reams, Bundles, Batches, Boxes shall help the bidder to estimate the number of Barcode/QR/RFID shall be required as per their solution. The quantity mentioned is of annual basis and bidder shall need to plan the consumables accordingly for entire project duration. The requirement may increase or decrease as per the actual indent from RBI. Hence, cost of Consumables to be paid on pro-rata basis to SI. The SI shall be responsible to produce evidence of Barcode /QR/ RFID generated through automatic system generated reports. Please Note- Cost of consumables will be paid to bidder sheet wise, ream wise, bundles wise, boxes wise, Jumbo rolls and Batch wise irrespective of number of the barcode/QR/RFID printed on the same.
TCS	137	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.19. Warrant y & Compreh ensive Annual Mainten ance contract	36	o. As SPM, BNP and CNP have shift operation, the resident engineers may have to perform shift duty. These engineers are also liable to work on holiday/Sunday (if services are required) and no additional amount will be paid	In line with the labor laws, we will have to give compensatory leave for engineer for working on holidays. Such leave should be treated as absent in the attendance register. Request you to confirm the same	Legal	Query evaluated but RFP conditions prevail. However, bidders are advised to follow all applicable laws and make necessary arrangement of manpower to ensure working as per client's calendar	
TCS	138	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.19. Warrant y & Compreh ensive Annual Mainten ance contract	37	q. The resident service Engineers provided by the firm shall not be changed frequently. However, if found incompetent by the officers of BNP/CNP/SPM, the Resident Service Engineer/s shall be changed by the vendor immediately.	Since the suitable resources need to be onboarded, therefore any change in the resource will require around 6-8 weeks of lead time. Please confirm.	Dept	Query evaluated but RFP conditions prevail.	
TCS	139	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.19. Warrant y & Compreh ensive Annual Mainten ance contract	37	cc. The SI shall monitor the performance of the Units, DC & DR components including usage, availability and analyze the future requirements, if any. In case the requirement exceeds the scalability requirements mentioned, the SI has to upgrade the current infrastructure in order to meet the increase in demand	If the upgrade is a result of increase in demand, then the same should be part of CR. Request you to confirm the same.	Dept	Please refer Clause 1.3.(l) & gg.hh	

TCS	140	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.19. Warranty & Comprehensive Annual Maintenance contract	38	gg.hh. 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.	This point has to be modified that in case of new type of sensor or mounting is required in new machine then it will be a change request and in case same sensors and mounting.	Condemned machines	Query evaluated but RFP conditions prevail	
TCS	141	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.19. Warranty & Comprehensive Annual Maintenance contract	38	hh.ii. Monitoring and Management Services: Network and Security Administration Services	Please confirm the location for NOC/SOC.	Technical	The location shall be DC- Noida, However, same shall be finalized at the time of contract award to successful bidder	
TCS	142	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3. Service Level Agreement (SLA)	41	c. The SLA monitoring shall be performed/reviewed on Quartey basis and related penalties / payments will be calculated on Quarterly basis by the BNP, Dewas.	In case of any SLA penalty, the liability of successful bidder will be capped to contract value	Legal	Query evaluated but RFP conditions prevail.	
TCS	143	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3.3 Service Levels Agreement	43	Part B: Warranty and CAMC Solution Availability: Availability of infrastructure such as barcode reader, scanner, etc. at units Note: Non-working of each barcode labeler, scanner, sensor should be treated as an incident and penalty shall be computed accordingly on quarterly basis. Availability means, the number of hours in a calendar month during which the infrastructure is actually available for use; and performing as per its intended use Availability should be 100% In case of unavailability, the penalty should be calculated per device as below: a. 0 to <=1 hour: Rs. 10,000/- per device b. >1 hour to <=2 hours: Rs.15,000/- per device c. >2 hour to <=3 hours: Rs. 15,000/- per device d. more than 3 hours: Rs. 25,000/- per device per hour and part thereof. Note: In case the unavailability of device more than 5 hours,BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.	1. In case of physical displacement or damage the enough down time at least for one hour should be given, also per unit. 2. For components which are not provisioned by the bidder as per the current RFP scope, please confirm that the onsite SI engineer will be only responsible for the coordination with the OEM. Actual OEM will be responsible for the physical replacement and maintenance. 3. For components which are not provisioned by the bidder as per the current RFP scope, penalties if any will be imposed to the respective OEM not to bidder. Kindly confirm.	Legal	Please refer the SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION and 3.3 Service Levels Agreement of RFP for more details	
TCS	144	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3.3 Service Levels Agreement	43	Part B: Warranty and CAMC Solution Availability	Please confirm if the measuring period is for quarter.	SLA	Please refer the section 3. Service Level Agreement (SLA) of RFP	
TCS	145	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3.3 Service Levels Agreement	43	Part B: Warranty and CAMC Solution Availability 3. Availability of infrastructure such as barcode reader, scanner, etc. at units	While spares will be kept at site, there will be finite time to replace the same. Thus, we can never achieve 0 hrs. for any device unavailability. Request that penalty starts post 1 hour unlike immediately as currently mentioned	SLA	Query evaluated but RFP conditions prevail.	
TCS	146	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3.3 Service Levels Agreement	44	Application Performance Management 5. Average Response time for below: a. page opening, b. data search, c. reports generation on T&T Application Average 10 seconds measured on a quarterly basis	Please define the reports as simple, medium and complex and please specify separate SLAs for each type of report.	SLA	Query evaluated but RFP conditions prevail.	

TCS	147	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	3.3 Service Levels Agreeme nt	44	System Accuracy 4. Note: In case the number of incidences exceeds 30, BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.	1. We understand that this count of 30 incidences is per month. Please confirm. 2. Please remove the clause for termination of contract and forfeiture of performance bank guarantee in this SLA and all other SLAs.	Legal	Please refer corrigendum	Note: In case the number of incidences exceeds 30 per month, BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.
TCS	148	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	3.3 Service Levels Agreeme nt	44	Part B: Warranty and CAMC RTO / RPO for DC-DR 6. Meeting RPO / RTO	Please confirm if DR Drill will be conducted every quarter.	Technical	DR Drill will be conducted as per ISO 27001 policy and RFP Condition	
TCS	149	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	3.3 Service Levels Agreeme nt	45	Part C: SLA for deployment and availability of Manpower SI needs to ensure that onsite resource shall not take any leave without prior approval from BNP/ CNP/ SPM/ SPMCIL and need to ensure the alternate arrangement. - Rs. 5000/- per day per resource for each non-reporting day.	Leave policy within TCS is an organization level policy. This cannot be changed for individual assignments. Though it will be ensured that service delivery will not be impacted by leaves taken by the associates. Request you to remove this SLA clause.	Legal	Query evaluated but RFP conditions prevail. However, bidders are advised to follow all applicable laws and make necessary arrangement of manpower to ensure working as per client's calendar	
TCS	150	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	4. Function al Require ment and Process flow of proposed system	46	1.1. General Requirement of T & T System	What is the current mechanism of tracking and tracing? Do you have any MES systems currently in place in any of the Plants?	Dept	No real-time Track and Trace system is currently in place. No MES systems are currently in place in any of the units.	
TCS	151	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	4. Function al Require ment and Process flow of proposed system	46	1.1. General Requirement of T & T System	Please let us know the space available in each object to print the barcode.	Barcode	Please refer specification mentioned in the RFP. However , bidders are strongly advised to carry out their own detailed assessment prior to bid submission Note- BNP, Dewas will not be responsible for any incorrect measurement from bidder	
TCS	152	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	4. Function al Require ment and Process flow of proposed system	46	1.1. General Requirement of T & T System	What is the allowed communication method for sensors and IOT devices?	Technical	Secured Intranet	
TCS	153	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	4. Function al Require ment and Process flow of proposed system	46	1.1. General Requirement of T & T System	Please let us know the requirement of Command Control center required at each plant. Does SI expected to factor the hardware required for Command control center, if yes then please provision the same in the corrigendum	Dept	It is not required	
TCS	154	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	4. Function al Require ment and Process flow of proposed system	46	1.1. General Requirement of T & T System Anomaly detection Multiple Functionalities	What are chances of getting downtime for sensor installation other than weekly off? Can you please share the IT (ERP, any other business systems) and OT landscape (PLCs, SCADA, Historian etc.) of all the 3 plants Training need - Band wise T&T will require to Integrate with machine for getting count value. Pl confirm. What is percentage of anomaly detection in existing system? or Loss of Production in % because of these anomalies? Pl describe what kind of multiple functionalities are expected in T&T solution?	Process	Details shall be shared with SI after onboarding. However, bidders are free to visit the units and discuss the technical queries. Also, Please refer Annexure for existing Annexure - C- IT landscape	

TCS	155	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. General Requirement of T & T System	47	s. The Track and Trace Solution should be capable of sending real-time alerts/SMS/email to pre-defined designated officers. Pre-defined conditions should be configurable	Will SPMCIL allow internet connectivity at DC for SMS flow out.	DC Noida	It will be finalized during SRS preparation.	
TCS	156	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. General Requirement of T & T System	47	s. The Track and Trace Solution should be capable of sending real-time alerts/SMS/email to pre-defined designated officers. Pre-defined conditions should be configurable	The SI assumes that the SMS gateway along with its associated one time and recurring costs will be directly borne by SPMCIL. Please confirm.	Technical	Cost will be borne by the SI only	
TCS	157	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. General Requirement of T & T System	47	s. The Track and Trace Solution should be capable of sending real-time alerts/SMS/email to pre-defined designated officers. Pre-defined conditions should be configurable	Please suggest the volumes of SMSs on a per day / month / quarter / yearly basis along with any Y.o.Y increase expected in these volumes during the contract tenure.	Technical	To be decided after SI's onboarding	
TCS	158	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. General Requirement of T & T System	48	bb. Apart from SPM, Narmadapuram, sheets are also manufactured at Bank Note Paper Mill India Private Limited (BNPMIPL), Mysore and supplied to BNP-Dewas and CNP-Nashik. The BNPMIPL is also in process of printing barcodes on the sheets manufactured by them. The proposed Track and Trace solution at BNP-Dewas and CNP-Nashik should have provision to read barcodes printed on sheets coming from BNPM, Mysore.	SI understands that the scope of coverage is limited to the 3 Business Units, DC and DR only. Any Hardware and or software which may be required at any other locations viz. Mysore etc. is not part of this contract. Request confirmation.	Dept	Yes, understanding is correct	
TCS	159	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	4. Functional Requirement and Process flow of proposed system 1.3. Proposed Process Flow of BNP, Dewas	69	10. Packing Section ii · Shrink-wrapped bundled-notes are packed Prefix-wise in wooden boxes. · The T & T system shall generate a unique RFID for each box. The system must create a parent-child link between the unique barcode of each bundle with the serial no of the box for backward traceability. The operator should scan barcode of each bundle before placing into a box. · The T & T system should have provision to enter a batch no. containing information of all the packed bank notes/bundles/boxes to map with the prefix and serial number of bank notes, RBI center to track the details of dispatched bank notes to RBI.	1. What is existing mechanism to capture operator to machine allocation information. 2. How will that data be made available to integrate it with track and trace solution.	Process	1. Currently Operator logs-in to the machine. 2. T&T system will fetch this information from the machine or provide its own interface.	
TCS	160	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	4. Functional Requirement and Process flow of proposed system 1.3. Proposed Process Flow of BNP, Dewas	69	10. Packing Section iii. BNP is going to install Automatic Packaging System (APS) wherein in wooden boxes will be automatically filled by Bundles on the basis of prefix and boxes will also get labelled automatically and stored at pre-defined place by the APS.	We understand that the proposed Automatic Packaging System will expose necessary APIs for integration.	Process	Detailed information will be provided at the time of SRS preparation with the SI	
TCS	161	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	5. Design Principles for Track and Trace System	89	c. The solution should support variations in load patterns based on various factors	Please clarify what are the load variations expected in the system?	Process	Detailed information will be provided at the time SRS preparation with the SI	

TCS	162	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	90	Cumulative CAPEX should not exceed 65% of the Total Bid Cost	Kindly change the payment terms for CAPEX to: a. 80% on delivery at sites b. 10% on successful UAT c. 10% on FAT	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
TCS	163	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	90	v. Comprehensive Annual Maintenance Contract (CAMC) 6% of the price quoted for OPEX in the Financial bid per quarter for 48 months of CAMC and rest amount at the end of successful Exit Management	100% OPEX should be paid during the term of the contract and not linked to Exit Management. Therefore, we request to modify clause related to the OPEX payment terms. We request for 6.25% of OPEX cost to be paid equally over 16 quarters (48 months) for CAMC	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
TCS	164	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	91	II Implementation & Roll-out:	Current hardware delivery times is 6-8 months for servers, storage and network components. Request that the project timeline maybe modified accordingly	Timeline	Please refer corrigendum	Payment and Timeline has been revised
TCS	165	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	91	II Implementation & Roll-out: Delivery of Track and Trace system for User Acceptance Test (UAT) As per section 1.15 - User Acceptance Testing (UAT) T + 22 weeks Nil	It will be difficult to deliver the complete system for UAT in 22 weeks. We request that this timeline may be extended to at least 52 weeks. The remaining activities may also be extended accordingly.	Timeline	Please refer corrigendum	Payment and Timeline has been revised
TCS	166	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	91	II Implementation & Roll-out Complete Application Roll out at all the units - T + 46 weeks • Supply of all IT Infrastructure and Setting up of all the environments in DC at Noida and DR at Hyderabad • Supply, installation, and commissioning of all infrastructure (Hardware, Software (including licenses), Scanner, Reader, Sensors, IOT devices, etc.) at SPM, Narmadapuram, BNP, Dewas and CNP, Nashik.	Owing to the pandemic and silicon shortage, the delivery of IT equipment's like Servers, Storage, Networking, Security appliances have been impacted. SPMCIL would agree that these delays are beyond the scope of control or influence by the SI and hence SPMCIL needs to consider the same and include appropriate clauses so that the bidder is not penalized owing to such delays which shall impact the project timelines.	Legal	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised timelines.	
TCS	167	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	92	Cumulative CAPEX should not exceed 65% of the Total Bid Cost	Pls clarify whether it is 60% or 65% of the Total Bid Cost.	Legal	Please refer corrigendum	Please Note- Cumulative CAPEX should not exceed 65% of the Total Bid Cost.
TCS	168	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	6. Payment and Timeline	92	Cumulative CAPEX should not exceed 65% of the Total Bid Cost	If the cost exceeds 65% of the Total Bid Cost, then when will the extra amount over 65% be paid? Will it be in the OPEX phase?	Legal	Please Note- Cumulative CAPEX should not exceed 65% of the Total Bid Cost. The bidder to follow the ratio, else the bid may be liable to be rejected as per the discretion of BNP, Dewas	
TCS	169	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.1.3 Combined Quality and Financial Evaluation	106	a. BNP, Dewas will follow the Quality and Cost Based Selection Process (QCBS). The overall evaluation shall carry 30% weightage to Technical Score and 70% weightage to Financial Bid (Section XI - Table 1-Grand Total Cost).	Since this bid is technically very critical, we request that the QCBS evaluation may be changed to 70% technical weightage and 30% commercial weightage.	PQ/TQ	Query evaluated but RFP conditions prevail.	

TCS	170	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	108	B. Experience & Past Performance 5 & 6 a. Documents required in case of Completed project: Copy of work order/Agreement + Go-live certificate from client on client's letterhead + Assignment Details as per the format provided in Bidding Forms b. Documents required in case of Ongoing project (Project in O&M phase after Go-Live): Copy of work order/Agreement + Go-live certificate from client on client's letterhead + Assignment Details as per the format provided in Bidding Forms	Please allow the bidder to submit self-certificate by Authorized Signatory/Company Signatory.	PQ/TQ	No Change. However, in case of NDA, the confidential details may be masked by the bidder Note- BNP, Dewas reserve the right to verify the details from client in case of any issue/objection/dispute later on	
TCS	171	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	109	D. Financial Standings 10 & 11. Relevant Certificate from Chartered Accountants	Please allow the bidder to submit self-certificate by Authorized Signatory/Company Signatory along with audited balance sheet & P&L statement.	PQ/TQ	Please refer corrigendum	CA Audited Balance sheet and Profit & Loss statement for FY 2020-21, 2019-20 and 2018-19 /Relevant Certificate from Chartered Accountants
TCS	172	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	112	A. Experience & Past Performance 1 & 2. a. Documents required in case of Completed project: Copy of Purchase Order / Work order / Agreement / Contract + Completion certificate from Client on client's letterhead + Assignment Details as per the format provided in Bidding Forms b. Documents required in case of Ongoing project (Project in O&M phase after Go-Live): Copy of work order/Agreement + Go-live certificate from client on client's letterhead + Assignment Details as per the format provided in Bidding Forms	Please allow the bidder to submit self-certificate by Authorized Signatory/Company Signatory.	PQ/TQ	No Change. However, in case of NDA, the confidential details may be masked by the bidder Note- BNP, Dewas reserve the right to verify the details from client in case of any issue/objection/dispute later on	
TCS	173	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	112	The following criteria are prescribed as Technical Evaluation criteria for Bidders who qualify in Pre-Qualification stage:	There are no marks allocated to Presentation on Proposed Approach & Methodology in the technical evaluation criteria. We request that there should be adequate weightage allocated to the bidder's proposed solution in addition to previous experience and proposed team.	PQ/TQ	Query evaluated but RFP conditions prevail.	
TCS	174	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	112	A. Experience & Past Performance 1. Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: · One (1) Project = 10 marks · Two (2) Projects = 20 marks · More than 2 Projects = 30 marks	Please amend as below: Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/2D Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. Scoring Criteria: · One (1) Project = 15 marks · More than Two (2) Projects = 30 marks	PQ/TQ	Query evaluated but RFP conditions prevail.	
TCS	175	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	C. Proposed Track and Trace Team	113	Minimum Experience of the proposed team is given below: · Team Leader = 10 years · Solution Design Expert = 8 years · Functional/ SME/Domain Expert = 8 years The candidate shall have to satisfy specified minimum experience along with required qualification and certification. For every additional years of relevant experience of a profile, 1 mark shall be awarded subject to a maximum of 4 marks for each profile. Signed CVs along with necessary supporting documents	We understand that bidder can submit indicative CVs for evaluation purpose. Bidder will share the named profiles at the time of actual deployment.	PQ/TQ	Actual CVs to be submitted as part of Proposal	

TCS	176	Section XXI: Bidding Forms	7. Format for Relevant Project Experience	144	Detailed Project Experience (please provide separate table for each project) Client Name Name and contact details of the client	Please allow the bidder to submit anonymized citations.	PQ/TQ	Query evaluated but RFP conditions prevail.	
TCS	177	Section XXI: Bidding Forms	10. Format for Declaring Key Personnel Compliance	148	Name Certification number Issuing authority	Please remove the requirement of the Name, Certification number and Issuing authority of the candidate.	PQ/TQ	Query evaluated but RFP conditions prevail.	
TCS	178	Section XXI: Bidding Forms	10. Format for Declaring Key Personnel Compliance	148		Please accept the indicative CVs for evaluation purpose. Bidder will share the named profiles at the time of actual deployment.	PQ/TQ	Query evaluated but RFP conditions prevail.	
TCS	179	Section XXI: Bidding Forms	11. Format of CV	149	6. Date of Birth: Photo	Request you to please remove the requirement of providing Date of Birth details as these details comes under PII - Personal Identifiable Information and hence cannot be shared.	PQ/TQ	Please refer corrigendum	Date of Birth shall not be provided as part of CV
TCS	180	Section XXI: Bidding Forms	12. Format for Power of Attorney for Authorized Signatory	151	12. Format for Power of Attorney for Authorized Signatory	As a standard business practice Generic Power of Attorneys are pre-issued to Business Heads. Hence request to please remove this clause of submitting the Power of Attorney in the RFP format and allow the bidder to submit the Power of Attorney in their own format.	Legal	Query evaluated but RFP conditions prevail.	
TCS	181	Section XXI: Bidding Forms	15. Format for Financial Proposal Cover letter	154	We hereby confirm that our financial bid complies with the condition of Cumulative CAPEX should not exceed 60% of the Total Bid Cost.	Please clarify whether it is 60% or 65% of the Total Bid Cost.	Legal	Please refer corrigendum	Please Note- Cumulative CAPEX should not exceed 65% of the Total Bid Cost.
TCS	182	SECTION IV: GENERAL CONDITIONS OF CONTRACT (GCC)	6. Performance Bond/ Security	515		Cost of furnishing the BG to be added to pricing. Kindly confirm.	Financial	Query evaluated but RFP conditions prevail.	
TCS	183	SECTION IV: GENERAL CONDITIONS OF CONTRACT (GCC)	17. Assignment	524	17.1	We request for this clause to be mutual.	Legal	Query evaluated but RFP conditions prevail.	
TCS	184	SECTION IV: GENERAL CONDITIONS OF CONTRACT (GCC)	29. Termination of convenience	533		We request for a 90-day notice period for termination for convenience	Legal	Query evaluated but RFP conditions prevail.	
TCS	185	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3.3 Service Levels Agreement	43 & 44	BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.	This is the statement is mentioned under penalty clause of each SLA. Any breach in SLA is being penalized financially therefore it is requested to remove this clause.	Legal	Query evaluated but RFP conditions prevail.	

TCS	186	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	1.21. Knowled ge Transfer (Exit Manage ment) 4. Function al Require ment and Process flow of proposed system	58 & 74	1.3. Proposed Process Flow of BNP, Dewas The system should allocate unique id (barcode) to Parcels.	It's a random UID or serial UID? Please clarify	Barcode	The same shall be discussed and finalized during the SRS preparation.	
TCS	187	General				Please share the AS-IS Network architecture details for the three Business Units detailing the IT and IIOT setup. Are the IT and IoT networks separate in the current deployment?	Technical	Currently, there is no IIOT setup. SI will be required to setup/build the T&T network at all the units and it will be integrated with the existing IT network.	
TCS	188	General				Are there any guidelines for using COTS products for developing Track and Trace application	Technical	Track and Trace application platform should have provision for open API based architecture that facilitates easy integration with and by external applications to support interoperability. In case any of the components of the solution is a COTS product, appropriately designed wrappers shall be proposed, with the feature of publishing the APIs required for integration.	
TCS	189	General				Can you please share the IT (ERP, any other business systems) and OT landscape (PLCs, SCADA, Historian etc.) of all the 3 plants	Technical	Please refer Annexure - C (SAP Existing Landscape)	
TCS	190	General				There are no possibilities to install printers to print the barcode on sheets received from the Mysore and third-party vendors, it is suggested to have the printing enablement at Mysore Plant also, and paper received from third party suppliers should be routed through Narmadapuram or Mysore	Mysore	Please refer the process mentioned in section "4. Functional Requirement and Process flow of proposed system" in RFP.	
TCS	191	General			Section and Section wise Vault	Please share Vault Utilization SOP (FIFO or LIFO in receipt and issuance and data entry in SAP)	Process	Detailed SOP will be shared with shared with the SI at the time of SRS preparation.	
TCS	192	General			Batch wise tracking	Please share details or SOP for Location specific alphabet distribution	Process	Detailed SOP will be shared with shared with the SI at the time of SRS preparation.	
TCS	193	General			Batch wise tracking	Pl share denomination wise sheet size details (paper size, note size, no of notes in one sheet for each denominator)	Process	Please refer point "e" of 7.1 Bar Code Specification for details. Also, specific information will be shared with successful bidder only. Kindly Note - 1. Currently we have 50 to 60 notes in one sheet. However it may change in future.	
TCS	194	General			Tracking	What is Track and Tracing system process end?	Process	Please refer section 4. Functional Requirement and Process flow of proposed system	
TCS	195	General			Machine integration	Pl suggest retrofitting / upgradation plan for old machines if any (like fitment of Quality inspection system, counting system)	Dept	The information to be shared with Successful bidder	

TCS	196	New Clause - Liability			Limitation of Liability	RFP is silent on the limitation of liability (LOL) aspects. Bidder requests SMPCIL to include the LOL as recommended below: (a) The Vendor shall be excused and not be liable or responsible for any delay or failure to perform the Services or failure of the Services or a Deliverable under this Agreement to the extent that such delay or failure has arisen as a result of any delay or failure by the CUSTOMER or its employees or agents or third-party service providers to perform any of its duties and obligations as set out in this Agreement and the applicable Statement of Work. In the event that the Vendor is delayed or prevented from performing its obligations due to such failure or delay on the part of or on behalf of the CUSTOMER, the Vendor shall be allowed an additional period of time to perform its obligations and unless otherwise agreed the additional period shall be equal to the amount of time for which vendor is delayed or prevented from performing its obligations due to such failure or delay on the part of or on behalf of the CUSTOMER. Such failures or delays shall be brought to the notice the CUSTOMER and subject to mutual agreement with the CUSTOMER, the Vendor shall take such actions as may be necessary to correct or remedy the failures or delays. The Vendor shall be entitled to invoice the CUSTOMER for additional costs incurred in connection with correction or remedy as above at T&M rate card agreed herein. (b) Neither party shall be liable to the other for any special, indirect, incidental, consequential (including loss of profit or revenue), exemplary or punitive damages whether in contract, tort or other theories of law, even if such party has been advised of the possibility of such damages. (c)The total cumulative liability of either party arising from or relating to this agreement shall not exceed in the aggregate the total amount	Legal		
TCS	197	New Clause - Intellectual Property			Intellectual Property (IPR)	Bidder requests SMPCIL to include the IPR clauses as recommended below: CUSTOMER's Ownership of Deliverables: Subject to Section 3.2, Section 3.3 and Section 3.4, Vendor agrees that all Deliverables created or developed by Vendor specifically for the CUSTOMER, together with any associated copyright and other intellectual property rights, shall be the sole and exclusive property of CUSTOMER provided all the payments due to the Vendor for the Deliverables rendered under the Statement of Work pursuant to this Agreement have already been paid by the CUSTOMER to the Vendor. Vendor hereby assigns to CUSTOMER all right, title and interest in and to such Deliverables developed exclusively for the CUSTOMER and identified in the relevant Statement of Work, together with any associated copyright and other intellectual property rights, whether or not such Deliverables are deemed "works made for hire" under the relevant laws. Upon CUSTOMER's written request and expense, Vendor shall execute and deliver to CUSTOMER all instruments and other documents, and shall take, at CUSTOMER's costs, such other reasonable actions as may be necessary or reasonably requested by CUSTOMER and as may be necessary to give effect to the CUSTOMER's proprietary rights in such Deliverables. Vendor's Proprietary Software and Pre-Existing IP. CUSTOMER acknowledges and agrees that this is a professional services agreement and this agreement is not intended to be used for licensing of any Vendor's proprietary software or tools. If Vendor and CUSTOMER mutually agree that the Vendor provides to CUSTOMER any proprietary software or tools of Vendor or of a third party, the parties shall negotiate and set forth the applicable terms and conditions in a separate license agreement and the provisions of this Section 3 shall not apply to any	Legal	Query evaluated but RFP conditions prevail.	
TCS	198	New Clause - Non solicitation			Non solicitation	Bidder requests SMPCIL to include the non solicitation clause as recommended below: Employee non-solicitation: Vendor and CUSTOMER each agree that during the term a Vendor personnel or CUSTOMER employee is associated with the Services hereunder and for a period of two years after such person ceases to be so associated, neither Vendor nor CUSTOMER shall, directly or indirectly, solicit for hire or knowingly hire or retain such personnel of the other party as an employee or independent contractor, except with prior written consent of the other party	Legal	Query evaluated but RFP conditions prevail.	

TCS	199	SCOPE OF WORK AND TECHNICAL SPECIFICATION	The sensors should be able to read barcodes, not only in transmitted light, but also in transparency and reflected, wherever applicable. To allow readability in transparency, the barcode area must be free from any printing on both sheet sides	46	1.1. General Requirement of T & T System - h	As we noticed during our site visit, there is no provision for installing the barcoding system on the print machine. However, as per the RFP, we are required to install the barcode system on the print machine which may not be possible to physically mount it. Instead, Bidder recommends that a separate barcoding system should be installed after the reel cutting process. Suggested arrangement will minimize the change and disruption to the existing setup Kindly confirm if our understanding is correct.	Process	It is presumed that Bidder is a subject matter expert with necessary implementation experience in similar kind of solution; and hence, is capable of defining necessary adjustments/changes to the process (and associated integration points) to achieve the overall objective. Also, Proposed Process flows for SPM-Narmadapuram, BNP-Dewas and CNP-Nashik are given in RFP for bidder's reference. Bidders are advised to carry out detailed assessment of the processes to achieve the objectives of the project. Note : Existing cycle time to complete the process at each stage and manpower at units should not be increased due to implementation of Track and Trace system Please refer corrigendum	Note : Existing cycle time to complete the process at each stage and manpower at units should not be increased due to implementation of Track and Trace system
TCS	200	1.1. General Requirement of T & T System	1.2. Proposed Process Flow of SPM, Narmadapuram	48	Refined pulp and other raw materials to be issued to Paper Machine Section from Comber Storage Chest (COSC).	Is there any barcode/RFID identification required for pulp and cotton bale identification? During the site survey we came to know that track & trace system will start after the Zambo roll by giving identification to it. Kindly confirm.	SPM	1. Not required for pulp and cotton bale identification. 2. RFID/Barcode will be assigned from Jumbo Roll. Sheet marking with Barcode will start from sheeter Please refer Corrigendum	
TCS	201	1.1. General Requirement of T & T System	1.2. Proposed Process Flow of SPM, Narmadapuram	48	There should be a scanner installed on the machine to verify whether the barcode is printed or not. VOITH – CWBN Paper Machine	Bidder is of the view that the Scanner will be installed at printing station. Kindly confirm.	SPM	Please refer Corrigendum for updated process	
C-Tel Infosystems Pvt. Ltd.	202	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	107	B. Experience & Past Performance 5. Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing.	We are herewith requesting you to kindly consider the Consortium Partner's experience also in this criteria. Also consider the experience of project gone live in last 7 years ending 31/03/2021. And request you to amend this clause as: "B. Experience & Past Performance 5. Bidder / Any on of the Consortium Member should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 07 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing."	PQ/TQ	Please refer corrigendum for changes	
C-Tel Infosystems Pvt. Ltd.	203	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	108	6. Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2021.	We are herewith requesting you to kindly consider the FY 2021-22 under this criteria and request you to kindly amend this clause as "Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2022."	PQ/TQ	Query evaluated but RFP conditions prevail.	

C-Tel Infosystems Pvt. Ltd.	204	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	112	A. Experience & Past Performance 1. Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: ☐ One (1) Project = 10 marks ☐ Two (2) Projects = 20 marks ☐ More than 2 Projects = 30 marks	We are herewith requesting you to kindly consider the Consortium Partner's experience also in this criteria. Also consider the experience of project gone live in last 7 years ending 31/03/2021. And request you to amend this clause as: A. Experience & Past Performance 1. Bidder/Any consortium member should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 07 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: ☐ One (1) Project = 10 marks ☐ Two (2) Projects = 20 marks ☐ More than 2 Projects = 30 marks	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments
C-Tel Infosystems Pvt. Ltd.	205	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	112	2. Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2021. ☐ One (1) Project = 10 Marks ☐ Two (2) Projects = 20 Marks ☐ More than 2 Projects = 30 Marks	We are herewith requesting you to kindly consider the FY 2021-22 under this criteria and request you to kindly amend this clause as "Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2022. ☐ One (1) Project = 10 Marks ☐ Two (2) Projects = 20 Marks ☐ More than 2 Projects = 30 Marks"	PQ/TQ	Query evaluated but RFP conditions prevail.
C-Tel Infosystems Pvt. Ltd.	206	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2.2 Technical Evaluation Criteria	114	D. Capability-Certification 5. Bidder should have valid ISO 27001:2013 or higher certification Or The bidder must have CMMi level 5 04 Marks for each certification. Maximum marks shall be 8	We are herewith requesting you to kindly consider the CMMi Level 3 certification instead of CMMi Level 5 Certification. And request you to kindly amend this clause as: "5. Bidder should have valid ISO 27001:2013 or higher certification Or The bidder must have CMMi level 3 04 Marks for each certification. Maximum marks shall be 8	PQ/TQ	Query evaluated but RFP conditions prevail.
C-Tel Infosystems Pvt. Ltd.	207	4. Functional Requirement and Process flow of proposed system	1.1. General Requirement of T & T System	47	y. Track & trace system should perform material management of key items & collect the data for all the raw materials used for manufacturing at every stage of the printing process to improve the quality & productivity like: a. The system should have the provision to record/capture the ink consumption at different stage of printing at BNP and CNP b. The system should have the provision to record/capture Plate's consumption at different stage of printing at BNP and CNP	Please clarify Ink and Plates consumption of Which Machine?	Process	Intaglio machine
C-Tel Infosystems Pvt. Ltd.	208	4. Functional Requirement and Process flow of proposed system	1.1. General Requirement of T & T System	48	bb. Apart from SPM, Narmadapuram, sheets are also manufactured at Bank Note Paper Mill India Private Limited (BNPMIPL), Mysore and supplied to BNP-Dewas and CNP-Nashik. The BNPMIPL is also in process of printing barcodes on the sheets manufactured by them. The proposed Track and Trace solution at BNP-Dewas and CNP-Nashik should have provision to read barcodes printed on sheets coming from BNPM, Mysore.	Point States that there should be provision to read the Barcoded Printed on Sheets coming Frpm BNPM, Mysore. What is the Format of the barcode, Who will print the barcode at BNPM Mysore ??	Mysore	The format of the barcode is not know at this point of time. However, the Sensors/Camera/Scanner to be supplied by bidders under the Track and Trace solution should be capable to read 1 D barcode and 2D barcode both	Note- The Sensors/Camera/Scanner to be supplied by bidders under the Track and Trace solution should be capable to read 1 D barcode and 2D barcode both
C-Tel Infosystems Pvt. Ltd.	209	4. Functional Requirement and Process flow of proposed system	1.2. Proposed Process Flow of SPM, Narmadapuram	49	v. System should carry out the reconciliation w.r.t total number of pulp input and sheets output.	How does the proposed system get the Pulp Input, is it manual entry by the operator or integration with weighing machine?	SPM	It could be done through the following ways :- 1. By machine based on the pre-defined calculations. 2. By Manual entry
C-Tel Infosystems Pvt. Ltd.	210	General				Can we get trigger from the existing system at each Margin Point at the mother Role winding process?	SPM	Please refer Corrigendum for updated process

C-Tel Infosystems Pvt. Ltd.	211	General				Will the existing Inspection system installed at Mother Roll Inspection and Sheeter Inspection for dust or foreign material inspecting accepts the Barcode printed on the sheet ??	SPM	Barcode needs to be printed in the predefined area otherwise ISRA will treat it as Anomaly.	
C-Tel Infosystems Pvt. Ltd.	212	General				Can we get the Numbering details of Each Sheet captured by the Existing Imaging Application??	Process	The bidder needs to install a separate system to get the numbering details of each sheet.	
C-Tel Infosystems Pvt. Ltd.	213	General				Is it feasible that the Existing Camera System installed at the Numbering Machine provided the Details of Printed Numbers and Also the Master QR Printed on the Sheet??	Process	The bidder needs to install a separate system to get the numbering details of each sheet.	
C-Tel Infosystems Pvt. Ltd.	214	General				Can we get the rejected sheet details from the existing application installed at the Numbering Machine?	Process	The bidder needs to install a separate system to get the rejected sheet details.	
C-Tel Infosystems Pvt. Ltd.	215	General				Does SPMCL Allow SI to Install Laser Marking Machine for Barcoding?	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP. Please refer Corrigendum for updated specification.	Please note it should not affect the quality of the paper and speed of the machine
C-Tel Infosystems Pvt. Ltd.	216	General				To do the sample testing and proposing the appropriate solution, it is required the sample sheet of the currency paper to test the various technologies related to barcode printing. So, we are herewith requesting you to kindly provide the sample currency paper sheet for testing purpose?	General	No, it can not be provided	
C-Tel Infosystems Pvt. Ltd.	217	General				Please provide the OEM's contact details of existing currency printing machinery installed at all the three plants. So that, we can discuss with the OEMs regarding integration / customization possibilities, timelines and costing based on our proposed solution. Such OEMs shall support for the same or not? If they don't support the bidder to quote the customization cost, how to proceed further?	Technical	It is under SI's responsibility Please refer 1.1. Annexure - A (Machine Information) of this RFP for existing machine details	
NEC Corporation India Pvt. Ltd.	218	1.2 Eligibility Criteria	1.2.1	107	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing.	We suggest below change (highlighted in red) in criteria to encourage fair competition as this will limit participation from other big MSIs and only focussed to few bidders: Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including ~~minimum 8.5 Crore~~ transactions related to Barcode/QR/RFID/Any other similar mechanism ~~in a year~~ during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Logistics/ Supply Chain or Manufacturing or Security Paper Printing.	PQ/TQ	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	219	1.2 Eligibility Criteria	1.2.1	107	Additional Clause	We suggest below additional clause in RFP to encourage participation from large MSI companies having experience of handling similar large projects: Bidder/Lead Bidder should have experience of executing at least one project with Government of India or state government or PSU or government SPV of implementing large ICT project involving track & trace with Minimum total value of INR 100 Crore.	PQ/TQ	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	220	1.2 Eligibility Criteria	1.2.1	107	Additional Clause	We suggest below additional clause in RFP to encourage participation from large MSI companies having experience of handling similar large projects: The bidder/Lead Bidder should have experience in deploying of minimum 300 manpower for operations on a single project.	PQ/TQ	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	221	1.2 Eligibility Criteria	1.2.2	112	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: One (1) Project = 10 marks Two (2) Projects = 20 marks More than 2 Projects = 30 marks	We suggest below change (highlighted in red) in criteria to encourage fair competition as this will limit participation from other big MSIs and only focussed to few bidders: Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including transactions related to ~~minimum 8.5 Crore~~ Barcode/QR/RFID/ Any other similar mechanism ~~in a year~~ for last 12 months as per the criteria provided below: > 5 lakhs transactions/month: 5 marks > 10 lakhs transactions/month: 10 marks > 15 lakhs transactions/month: 15 marks > 25 lakhs transactions/month: 30 marks ~~during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: One (1) Project = 10 marks Two (2) Projects = 20 marks More than 2 Projects = 30 marks~~	PQ/TQ	Query evaluated but RFP conditions prevail.	

NEC Corporation India Pvt. Ltd.	222				Additional Clause	We suggest below additional clause in RFP to encourage participation from large MSI companies having experience of handling similar large projects: Bidder/Lead Bidder should have experience of executing project with Government of India or state government or PSU or government SPV of implementing large ICT project involving track & trace with total value 1. > 100 Crore: 10 marks 2. > 200 Crore: 20 marks 3. > 300 Crore: 30 Marks	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised criteria	
NEC Corporation India Pvt. Ltd.	223	1.2 Eligibility Criteria	1.2.2	112	a. Documents required in case of Completed project: Copy of Purchase Order / Work order / Agreement / Contract + Completion certificate from Client on client's letterhead + Assignment Details as per the format provided in Bidding Forms b. Documents required in case of Ongoing project (Project in O&M phase after Go-Live): Copy of work order/Agreement + Go-live certificate from client on client's letterhead + Assignment Details as per the format provided in Bidding Forms	We request you to allow self certificate for declaration of completion of project from authorized signatory or company secretary instead of completion certificates.	PQ/TQ	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	224	Section 1: NIT	1	2	Date of Visit of SPM Narmadapuram by bidders*	Due to some unforseen circumstances, our team was unable to conduct the site survey on this site, however we did the survey at Nashik Site. As it is very crucial to gather the requirements from all the sites to stitch a perfectly suitable solution, we request you to please arrange our site visit for the mentioned site.	General	Please send a mail to email id mentioned in the tender document	
NEC Corporation India Pvt. Ltd.	225	Section 1: NIT	1	2	Date of Visit of BNP Dewas by bidders*	Due to some unforseen circumstances, our team was unable to conduct the site survey on this site, however we did the survey at Nashik Site. As it is very crucial to gather the requirements from all the sites to stitch a perfectly suitable solution, we request you to please arrange our site visit for the mentioned site.	General	Please send a mail to email id mentioned in the tender document	
NEC Corporation India Pvt. Ltd.	226	6. Payment and timelines	6. Payment and timelines	90	Payment Terms (payble)	As the project require a lot of effort and Capex cost, we suggest to keep a payment terms with a win-win philosophy. We suggest to modify payment terms as per below: 1. Project Initiation: 30% advance of Capex cost 2. Design phase: 20% of Capex cost 3. Delivery of Track and Trace system for User Acceptance Test (UAT): 10% of Capex cost 4. Completion of User Acceptance Testing (UAT): 10% of Capex Cost 5. Successful completion of Pilot run: 20% of Capex Cost 6. Final Acceptance Testing (FAT), and Solution Go-Live: 10% of Capex Cost 7. CAMC: 6% of the price quoted for OPEX in the Financial bid per quarter as quarterly advance for 48 months of CAMC and rest amount at the end of successful Exit Management	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
NEC Corporation India Pvt. Ltd.	227	1.9 Manpower Deployment	B. Warranty and CAMC Phase:	26	Warranty and CAMC Phase: SI shall have to deploy following minimum manpower onsite at all the three units and DC-DR during warranty (1 year) and CAMC phase (4 years). However, other technical resources can work from backend, but SI need to ensure that there should be proper coordination between Onsite and Backend team, so no work gets affected, whatsoever.	Please note that if we need to deploy the manpower in warranty phase as well then the cost of the manpower should be seperately quoted by the bidder and shall be paid to bidder seperatly during the warranty period. Please confirm that manpower cost included in the financial bid format covers the cost during the warranty period. If yes, please add the same in payment terms of RFP.	Manpower	No separate cost shall be paid by BNP, Dewas during the warranty period for the manpower.	
NEC Corporation India Pvt. Ltd.	228	1.1.2 Technical Evaluation	1.1.3 Combined Quality and Financial Evaluation	106	BNP, Dewas will follow the Quality and Cost Based Selection Process (QCBS). The overall evaluation shall carry 30% weightage to Technical Score and 70% weightage to Financial Bid (Section XI - Table 1-Grand Total Cost). Thereby, the Bidder with the highest scores (H1) on Quality and Cost based (QCBS) evaluation will qualify as the Successful Bidder.	If the process is QCBS then more weightage should be given to technical score for fair competition otherwise it defeats the purpose of having QCBS. Therefore, we suggest below modification: BNP, Dewas will follow the Quality and Cost Based Selection Process (QCBS). The overall evaluation shall carry 70% weightage to Technical Score and 30% weightage to Financial Bid (Section XI - Table 1-Grand Total Cost). Thereby, the Bidder with the highest scores (H1) on Quality and Cost based (QCBS) evaluation will qualify as the Successful Bidder.	PQ/TQ	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	229	1.2.2 Technical Evaluation Criteria	1.2.2	112	Bidder/Consortium Member should have experience of executing at least one successful project of Software Development / Customization / Configuration of SAP ERP during the last 05 years ending 31/03/2021. ☐ One (1) Project = 10 Marks ☐ Two (2) Projects = 20 Marks ☐ More than 2 Projects = 30 Marks	Please confirm if you are referring just to Implementation projects here or any kind of SAP project where additional developments, maintenance, changes were done can also be considered?	PQ/TQ	Experience in Software Development / Customization / Configuration of SAP ERP has been asked Please refer corrigendum	

NEC Corporation India Pvt. Ltd.	230	Insurance	SCC-3	11	Cost of insurance will part of total cost of material.	Need clarity on scope of insurance cover to be taken by the bidder.	Legal	Query evaluated but RFP conditions prevail	
NEC Corporation India Pvt. Ltd.	231	SLA	General SLA Condition	41	SLA penalties are mentioned againt each clause.	What is the maximum % of total contract value that will be imposed as penalty.	Legal	Please refer section 3. Service Level Agreement (SLA)	
NEC Corporation India Pvt. Ltd.	232	Payment and Timeline	Payment and Timeline	90	No point w.r.t. days it will take for processing the invoice.	Please clarify on no of days for invoice processing after the invoice is raised for payment.	Dept	There is no fixed timeline but we always try to process ASAP.	
NEC Corporation India Pvt. Ltd.	233	Performace Bank Guarantee / Security Deposit	Section VI	14	Security Deposit	Clarification required on what % of PBG is required and for what timeline. OR Security Deposit will suffice as mentioned in Section 4.	Legal	PBG and Security deposit are same. Please refer point no. 4 of Section VI of this RFP.	
NEC Corporation India Pvt. Ltd.	234	General				Clarification required on whether project office/warehouse at sites is required or not.	Dept	Project office at unit level may not be required. However, bidder should deploy necessary manpower as per RFP requirement at all the units including DC &DR	
NEC Corporation India Pvt. Ltd.	235	SIT 4	(ii)	7	Wherever GST is applicable, the following may be noted:

While quoting the rates, tenderer should pass on (by way of reduction in prices) the set off/input tax credit that would become available to them by switching over to the system of GST from the erstwhile system of sales tax, duly stating the quantum of such credit per unit of the item quoted for. | As the switching over from sales tax to GST took place 5 years ago on 1 July 2017 i.e. in FY2017-18. Therefore, in FY2022-23 this clause should not apply. | Financial | Query evaluated but RFP conditions prevail. | |
| NEC Corporation India Pvt. Ltd. | 236 | SIT 4 | (iii) | 7 | Wherever GST is applicable, the following may be noted:

The tenderer while quoting for tenders should give the following declaration: "We agree to pass on such additional set off/input tax credit as may become available in future in respect of all the inputs used in the manufacture of the final product on the date of supply under the GST scheme by way of reduction in price and advise the purchaser accordingly." | Bidder would be able to avail the ITC which will be paid by it to its suppliers. If GST rate on goods or services received from suppliers is reduced, bidder would be able to avail such reduced ITC. Therefore, even in case of reduction in GST rates on inputs procured by the bidder, bidder will not avail any additional benefit which could be passed on to the purchaser. Thus, this clause will not apply. In case, purchaser has some different understanding, please clarify. | Financial | Query evaluated but RFP conditions prevail. | |
| NEC Corporation India Pvt. Ltd. | 237 | SIT 4 | (iv) | 7 | Wherever GST is applicable, the following may be noted:

The supplier while claiming the payment shall furnish the following certificate to the paying authorities: "We hereby declare that additional set offs/input tax credit to the tune of Rs. _____ has accrued and accordingly the same is being passed on to the purchaser and to that effect the payable amount may be adjusted . | Bidder would be able to avail the ITC which will be paid by it to its suppliers. If GST rate on goods or services received from suppliers is reduced, bidder would be able to avail such reduced ITC. Therefore, even in case of reduction in GST rates on inputs procured by the bidder, bidder will not avail any additional benefit which could be passed on to the purchaser. Thus, this clause will not apply. In case, purchaser has some different understanding, please clarify. | Financial | Query evaluated but RFP conditions prevail. | |
| NEC Corporation India Pvt. Ltd. | 238 | SIT 5 | - | 7 | Price Variation Clause:

The prices should be firm & fixed during the entire currency of the contract | In case of any new incident of tax or increase in existing tax rates taking place during the currency of contract, that shall be borne and payable by the purchaser over and above the agreed price for each item as may be applicable as per the invoice raised by the selected bidder. Similarly, any reduction in taxes shall be passed on to the purchaser. | Financial | Please refer Corrigendum for SCC clause no 7 | Supplier shall be entirely responsible for all taxes, fees, levies etc. incurred until delivery of the contracted goods within the contracted period/timeline to BNP DEWAS. Any statutory increase or decrease in the taxes needs to be adjusted accordingly. |
| NEC Corporation India Pvt. Ltd. | 239 | SCC-7 | - | 11 | Taxes and Duties:

Supplier shall be entirely responsible for all taxes, fees, levies etc. incurred until delivery of the contracted goods to BNP DEWAS. | We understand that the taxes which will be levied as per law by the bidder in the invoice raised to the purchaser, shall be payable by the purchaser. Further, supplier/bidder will bear the taxes charged by its vendors. | Financial | Please refer Corrigendum for SCC clause no 7 | Supplier shall be entirely responsible for all taxes, fees, levies etc. incurred until delivery of the contracted goods within the contracted period/timeline to BNP DEWAS. Any statutory increase or decrease in the taxes needs to be adjusted accordingly. |

NEC Corporation India Pvt. Ltd.	240	Section I - Notice Inviting Tender and Section II - GIT	Clause No. 12 (ii) of Section I and Clause No. 3.4 of Section II	Page 4 of Section I and Page 3 of Section II	Order No. P-45021/2/2017. BE. For Public Procurement (Preference to Make in India) issued by Ministry of Commerce, Department of Industry and Internal Trade (Public Procurement Section) will be applicable as per guidelines	Please clarify whether any other Nodal Ministry or Department has issued a notification for meeting local content requirement with respect to the items mentioned in the Scope of Work in this Tender. Please confirm if there are any notifications with higher minimum content requirement applicable to items mentioned in Scope of Work of this Tender?	Legal	Bidders are advised to carry out their own research and bid accordingly	
NEC Corporation India Pvt. Ltd.	241	Section I - Notice Inviting Tender and Section II - GIT	Clause No. 12 (ii) of Section I and Clause No. 3.4 of Section II	Page 4 of Section I and Page 3 of Section II	Order No. P-45021/2/2017. BE. For Public Procurement (Preference to Make in India) issued by Ministry of Commerce, Department of Industry and Internal Trade (Public Procurement Section) will be applicable as per guidelines	Please clarify if the bidder has to furnish the self certification stipulated under Public Procurement (Preference to Make in India) Order, 2017 or whether the Subcontractor/OEM proposed to be engaged by the Bidder has to furnish the self certification in case if such Subcontractor/OEM will be providing/supplying the item?	Legal	Bidders are requested to refer mentioned order and its subsequent amendments.	
NEC Corporation India Pvt. Ltd.	242	Section I - Notice Inviting Tender and Section II - GIT	Clause No. 12 (ii) of Section I and Clause No. 3.4 of Section II	Page 4 of Section I and Page 3 of Section II	Order No. P-45021/2/2017. BE. For Public Procurement (Preference to Make in India) issued by Ministry of Commerce, Department of Industry and Internal Trade (Public Procurement Section) will be applicable as per guidelines	Please clarify how will the bidder calcute the local content for multiple items to be supplied under the RFP? Please also clarify whether bidder has to meet the local content requirement notified for each item or for all components collectively?	Legal	Bidders are requested to refer mentioned order and its subsequent amendments.	
NEC Corporation India Pvt. Ltd.	243	Section I - Notice Inviting Tender and Section II - GIT	Clause No. 12 (ii) of Section I and Clause No. 3.4 of Section II	Page 4 of Section I and Page 3 of Section II	Order No. P-45021/2/2017. BE. For Public Procurement (Preference to Make in India) issued by Ministry of Commerce, Department of Industry and Internal Trade (Public Procurement Section) will be applicable as per guidelines	It is our understanding that the bidder has to be a Class I Local Supplier and is required to meet the criteria of more than 50% local content. Please clarify if the OEM/Subcontractors of the bidder proposed to be engaged for supplying certain items for this project will also be required to meet the 50% criteria of local content? Please also clarify if there is any notification categorising the items to be supplied under this project as having local sufficiency or competition for the purpose of the Public Procurement Order 2017 being Order No. P-45021/2/2017-PP (BE-II) dated 16.09.2020?	Legal	Bidders are requested to refer mentioned order and its subsequent amendments.	
NEC Corporation India Pvt. Ltd.	244	General Conditions of the Contract	Clause 4	Page 7 of the GCC document downloaded from link at Page 10 of Tender	Patent Rights	This clause regarding infringement of third party IPR does not provide for exclusions applicable to the indemnification. It also does not include limitation of liability for such claim. Therefore, we request you to modify this clause in the manner stated below:

Should third parties enter claims against SPMCIL for infringement of their intellectual property rights in relation to the Goods/Services provided by the Supplier, the Supplier will defend and indemnify SPMCIL in respect of direct costs and direct damages including direct court charges required for SPMCIL's defence and pay for any final judgment entered against SPMCIL with respect to any final and absolute decisions of the courts or by a judicial or extrajudicial settlement, provided SPMCIL has promptly notified the Supplier with respect to such third party claim. Notwithstanding the foregoing, the Supplier shall have no obligation to defend/indemnify or settle any claim for any infringement or other violation of any patent or other Intellectual Property rights: (i) arising from compliance with SPMCIL's specifications, designs or instructions; (ii) relating to use of any goods/services hereunder in combination with any other item(s) not supplied by the Supplier or (iii) attributable to possession or use of the goods/services (or any part thereof) by SPMCIL other than in accordance with the terms of the contract or Tender documents or (iv) SPMCIL's failure to incorporate upgrades that would have avoided the alleged infringement. | Legal | Query evaluated but RFP conditions prevail. | |
| NEC Corporation India Pvt. Ltd. | 245 | General Conditions of the Contract | Clause 26 | Page 24 of the GCC document downloaded from link at Page 10 of Tender | Termination for Default | This clause does not provide a right to Supplier to terminate if SPMCIL is in breach of Contract. We therefore request you to add the following clause to this:

In the event SPMCIL materially breaches any term of this Contract, which breach is not cured within thirty (30) days after written notice specifying the breach is given to the SPMCIL, Supplier may (i) terminate this Contract after the expiry of the said period of 30 days ; and (ii) pursue any and all remedies available subject to the provisions of this Contract. | Legal | Query evaluated but RFP conditions prevail. | |

NEC Corporation India Pvt. Ltd.	246	General Conditions of the Contract	Clause 26	Page 24 of the GCC document downloaded from link at Page 10 of Tender	Termination for Default	This clause does not provide for the cost related aspects in the event if the Contract is terminated. We request you to add the following provision to this Contract to cover for the costs when contract is terminated: In the event of the termination of the contract due to any reason, SPMCIL shall be liable to pay to the Supplier for the goods/services (rendered up to the date of termination of this Contract) delivered to SPMCIL under the term of the contract. In addition to the above, SPMCIL shall be also liable to pay the following charges to the Supplier:- a. value of the inventory held by the Supplier at the time of termination of this contract b. dues of the Supplier's sub-contractor to whom Supplier has already placed orders on behalf of SPMCIL before the termination of the contract and whose liability is coming to the Supplier at the time of termination of the Contract. c. except when contract is terminated for Supplier's default, a termination charge to be discussed mutually between Supplier and SPMCIL.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	247	General Conditions of the Contract	Clause 27	Page 24 of the GCC document downloaded from link at Page 10 of Tender	Termination for Insolvency	We request you to provide a similar provision and right to the bidder. We request you to add the following provision to this Clause: Supplier may terminate this Agreement immediately with notice to SPMCIL if SPMCIL becomes insolvent or bankrupt, makes a general assignment for the benefit of, or enters into any arrangement with, creditors, files a voluntary petition under any bankruptcy, insolvency, or similar law, or has proceedings initiated under any such laws.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	248	General Conditions of the Contract	Clause 28	Page 25 of the GCC document downloaded from link at Page 10 of Tender	Force Majeure	Please clarify explicitly that COVID-19 and governmental measures related to it are covered by Clause 28 Force Majeure. We also request you to reduce the time period of 90 days to 45 days.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	249	General Conditions of the Contract	Clause 29	Page 26 of the GCC document downloaded from link at Page 10 of Tender	Termination for Convenience	We request you to add the following provision in this clause to cover for the cost related aspects if contract is terminated for convenience: In the event of the termination of the contract under this clause, SPMCIL shall be liable to pay to the Supplier for the goods/services (rendered up to the date of termination of this Contract) delivered to SPMCIL under the term of the contract. In addition to the above, SPMCIL shall be also liable to pay the following charges to the Supplier:- a. value of the inventory held by the Supplier at the time of termination of this contract b. dues of the Supplier's sub-contractor to whom Supplier has already placed orders on behalf of SPMCIL before the termination of the contract and whose liability is coming to the Supplier at the time of termination of the Contract. c. a termination charge to be discussed mutually between Supplier and SPMCIL.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	250	General Conditions of the Contract	Clause 33	Page 29 of the GCC document downloaded from link at Page 10 of Tender	Resolution of Disputes	We request you to modify the arbitration clause and substitute it with the following : Any unresolved dispute arising out of or in connection with this document/contract will be referred to arbitration by the Parties in accordance with the Arbitration and Conciliation Act, 1996 (as amended). The arbitration proceedings will be conducted before an arbitral tribunal consisting of 3 (Three) arbitrators. Each Party shall appoint 1(One) Arbitrator and these 2 (Two) appointed arbitrators will appoint the third arbitrator who will preside over the arbitration proceedings. The language of arbitration will be English. The place of arbitration shall be Delhi, India. The Parties agree that the decision of the arbitrator/s shall be final and binding on the Parties. The courts at Delhi will have jurisdiction to decide over all matters arising with respect to this contract	Legal	Query evaluated but RFP conditions prevail.	

NEC Corporation India Pvt. Ltd.	251	General Conditions of the Contract	Clause 34.3	Page 32 of the GCC document downloaded from link at Page 10 of Tender	Applicable Law	We request you to clarify and consider New Delhi as the place of jurisidiction for Courts for all matters arising out of the contract or Tender.	Legal	Please refer Cluase no 34.3 of GCC document	
NEC Corporation India Pvt. Ltd.	252	Special Conditions of Contract	SCC - 10	Page 12 of Tender document	Resolution of Disputes	We request you to modify the arbitration clause and substitute it with the following : Any unresolved dispute arising out of or in connection with this document/contract will be referred to arbitration by the Parties in accordance with the Arbitration and Conciliation Act, 1996 (as amended). The arbitration proceedings will be conducted before an arbitral tribunal consisting of 3 (Three) arbitrators. Each Party shall appoint 1(One) Arbitrator and these 2 (Two) appointed arbitrators will appoint the third arbitrator who will preside over the arbitration proceedings. The language of arbitration will be English. The place of arbitration shall be Delhi, India. The Parties agree that the decision of the arbitrator/s shall be final and binding on the Parties. The courts at Delhi will have jurisdiction to decide over all matters arising with respect to this contract	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	253	Special Conditions of Contract	SCC - 12	Page 12 of Tender document	Failure and Termination	This clause does not give a similar right to Supplier to termination and also does not provide for the cost related aspects in the event if the Contract is terminated. We request you to add the following provisions to this Contract to cover for the costs when contract is terminated: A. In the event SPMCIL materially breaches any term of this Contract, which breach is not cured within thirty (30) days after written notice specifying the breach is given to the SPMCIL, Supplier may (i) terminate this Contract after the expiry of the said period of 30 days ; and (ii) pursue any and all remedies available subject to the provisions of this Contract. B. In the event of the termination of the contract due to any reason, SPMCIL shall be liable to pay to the Supplier for the goods/services (rendered up to the date of termination of this Contract) delivered to SPMCIL under the term of the contract. In addition to the above, SPMCIL shall be also liable to pay the following charges to the Supplier:- a. value of the inventory held by the Supplier at the time of termination of this contract b. dues of the Supplier's sub-contractor to whom Supplier has already placed orders on behalf of SPMCIL before the termination of the contract and whose liability is coming to the Supplier at the time of termination of the Contract. c. except when contract is terminated for Supplier's default, a termination charge to be discussed mutually between Supplier and SPMCIL.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	254	Special Conditions of Contract	SCC - 12 Sub-clause (b)	Page 13 of Tender document	Termination for Convenience	We request you to add the following provision in this clause to cover for the cost related aspects if contract is terminated for convenience: In the event of the termination of the contract under this clause, SPMCIL shall be liable to pay to the Supplier for the goods/services (rendered up to the date of termination of this Contract) delivered to SPMCIL under the term of the contract. In addition to the above, SPMCIL shall be also liable to pay the following charges to the Supplier:- a. value of the inventory held by the Supplier at the time of termination of this contract b. dues of the Supplier's sub-contractor to whom Supplier has already placed orders on behalf of SPMCIL before the termination of the contract and whose liability is coming to the Supplier at the time of termination of the Contract. c. a termination charge to be discussed mutually between Supplier and SPMCIL.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	255	Special Conditions of Contract	SCC - 13	Page 13 of Tender document	Force Majeure	Please clarify explicitly that COVID-19 and governmental measures related to it are covered by Clause 28 Force Majeure. We also request you to reduce the time period of 90 days to 45 days.	Legal	Query evaluated but RFP conditions prevail.	

NEC Corporation India Pvt. Ltd.	256	List of Requirement - Section VI	Clause 10	Page 15 of Tender Documents	Risk Purchase	Tender documents GCC and SCC already has measures such as Liquidated Damages and SLA penalties. We therefore request you to delete this Clause (Risk Purchase) as this will increase the risk exposure for bidder and will also cause double penalty for a same event. Please delete this clause.	Legal	Query evaluated but RFP conditions prevail.	
NEC Corporation India Pvt. Ltd.	257	Section VII - Service Level Agreement	Clause 3.3	Page 45 of Tender Documen t	Service Level Agreement	Please clarify regarding maximum penalty for SLAs beyond which SPMCIL cannot levy penalty. We request you to add a provision to Clause 3.3 of Section VII stating the following to cap the maximum SLA penalty: Notwithstanding anything contained in the contract, the total cumulative penalty under the SLA will not exceed the amount of the applicable purchase order or value of goods/services giving rise to such liability, whichever is lesser.	SLA	Please refer section 3. Service Level Agreement (SLA)	
NEC Corporation India Pvt. Ltd.	258	General Conditions of the Contract	Incorpor ation of the new clause		Limitation of Liability	We request you to add the following clause to limit the overall liability of the Contractor under the contract. Notwithstanding anything contained in this contract, the liability of Contractor for any damages or compensation of any nature whatsoever under this contract, shall be limited to the value of the applicable purchase order or value of works giving rise to such liability. NOTWITHSTANDING ANY OTHER PROVISION HEREOF, NEITHER PARTY SHALL BE LIABLE FOR (A) ANY INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES OR (B) ANY DAMAGES FOR LOST PROFITS, LOST REVENUES, LOSS OF GOODWILL, ARISING OUT OF THE PERFORMANCE OR FAILURE TO PERFORM UNDER THIS AGREEMENT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES OR IF SUCH POSSIBILITY WAS REASONABLY FORESEEABLE.	Legal		
Giesecke+D evrient	259	-				What is the typical production batch size (amount of sheets)?	Process	It is typically 1000 sheets per batch i.e. a parcel	
Giesecke+D evrient	260	-				How many different denominations are printed approximately per plant?	Process	Machines are capable to print all denominations	
Giesecke+D evrient	261	-				The sequence of the printing phases is always Offset-Intaglio-Numbering or sometimes could they be swapped?	Process	The process remains in same sequence for denominations ₹100 and above. For rest of the denominations, sheet directly goes from Offset to Numbering	
Giesecke+D evrient	262	-				Are production batches group by production jobs/orders?	Process	Production Order	
Giesecke+D evrient	263	-				Is there a fixed drying time between printing phases?	Process	It varies from 2 to 10 days depending upon printing stages.	
Giesecke+D evrient	264	3	xi.	57		What kind of handling is expected for Broken Reams? (Are they accepted? Are returned to the papermill?)	Process	Please refer Section 4.(1.3).(3).(xi) and (1.4).(3).(xi) of this RFP. Paper is not returned to the papermill.	
Giesecke+D evrient	265	5	v.	58		What are parcels and how are they managed?	Process	One Parcel is bunch of 1000 sheets, created after intaglio printing	
Giesecke+D evrient	266	5	ii.	60		How does SPMCIL determine which sheets must be sent from Color Vault to Color section? Is is a sheet-by-sheet selection or a full batch decision? Is is done by separating sheets from a specific delivery pile, according to the inline inspection system?	Process	The Intaglio machines which have quality inspection system delivers the quality suspected sheet into rejected pile. In such cases, the sheets delivered by intaglio machine in the rejected pile are sent for manual color examination. In case, Intaglio machines do not have quality inspection system ,all the sheets printed by intaglio machines are sent for manual color examination.	
Giesecke+D evrient	267	5	ii.	60		What happens to the spoils? Is there a dedicated station for manual destruction?	Process	At SPM : Spoiled paper with thread is sent for briquetting and shredding. Paper without thread is recycled into pulp At BNP & CNP : Spoiled paper is detructed at separeate dedicated machine.	
Giesecke+D evrient	268	6	iv.	62		3 different type of sheets are processed: 1-Good sheets from Intaglio 2-Good sheets after color examination 3-"With-cancellation" sheets after color examination. 1. Are they processed separately? 2. Different numbering sequence are assigned to each groups? 3. Are there any specific contraints on the numbering sequence? 4. What are "random / star" pattern?	Process	1. "Good sheets" from Intaglio and color are processed together and "with-cancellation" sheets are processed separately 2. It is not necessary to assign different numbering sequences to each group. 3. Yes, "with-cancellation" sheets will always have CRN (Computerized Random Number) 4. Please refer Corrigendum for defination of random and star pattern	Annexure for Defination

Giesecke+D evrient	269	6	v.	62		How SPMCIL manages input batches and output batches in numbering? In numbering phase, the output is normally a group of sheets by fixed quantity (numbering batch) including a full sequence of serial numbers. The input batch (production batch coming from Intaglio/Color) might have variable quantity, depending on the amount of spoiled sheets generated. For this reason, a numbering batch is normally created by producing one production batch and then compensating the spoiled sheets with the first good sheets of the second production batch. Other option is to have one input lot equal to 1 output lot: in this case the numbering lot will not have fixed quantity.	Process	As per the current process, we do not have any standard batch size at input. However output batch is of 100 sheets.	
Giesecke+D evrient	270	6	v.	62		Standard numbering batch size is just 100 sheets? Does that require continuous stops of the press to assign the new expected nuymbering sequence to the new 100-sheet batch?	Process	As per the current process, we do not have any standard batch size at input. However output batch is of 100 sheets. 2. Numbering sequence is set for 1 Million bank notes and it does not require stopping of machine after every 100 sheets.	
Giesecke+D evrient	271	6	xii.	63		Can SPMCIL elaborate the meaning of renumbering process after extraction/examination?	Process	Please refer point xii. Of 6.Number Printing Section	
Giesecke+D evrient	272	6	xiv.	64		What are "CRN parcels" and how are they managed?	Process	1. Please refer Corrigendum for definations 2. CRN parcels are processed in Cut-pack and SNIM machine	Annexure for Defination
Giesecke+D evrient	273	6	xiv.	64		What is the GT section and how is it managed? (It's not mentioned later in the document)	Process	GT machine are used to cut the numbered sheets manually.	
Giesecke+D evrient	274	7		64		Can SPMCIL elaborate the cutting process including corner-cases that would require specific managing? Examples: 1. Are spoils (wrongly cut) to be contemplated? Are these sheets sent to manual destruction? 2. Is it possible to suspend the production of a batch and resume it later? 3. What happens to the good banknotes that do not complete a bundle?	Process	1. Wrongly cut notes are replaced with (*) notes and sent to briquetting section for shredding and briquetting. 2. No, batch of 100 sheets need to be processed completly 3. Bundle (1000 notes) has to be completed	
Giesecke+D evrient	275	7	ii.	64		Is the system expected to read the sheets barcode in cutpak? Automatically or manually?	Process	Please refer section 4. Functional Requirement and Process flow of proposed system of this RFP. Point 7 (ii)I. It should be done Automatically	
Giesecke+D evrient	276	8		65		What are "Suspected sheets identified by Number Printing machine"? They were not mentioned in numbering process. What are "Suspected notes/bundles identified by Cutpack machine"? They were not mentioned in Cutpack process. Accoding to the Process Flow diagram, only Numbered notes from GT Section are received in Fin-2 Section.	Process	Some of the number printing machines have Quality Inspection system installed in them. If the Quality Inspection system identifies some defect in number printing, it marks it as suspected sheet and the list of such sheets are attached with Parcel Ticket and forwarded to further sections. Similarly the Bundles which contains notes from the suspected sheets are being referred as suspected bundles.	
Giesecke+D evrient	277	8	i.	66		How did numbered banknotes arrived earlier to FIN-2 Vault? This Vault was not mentioned before. Please describe what kind of data T&T should collect and share to issue/map notes.	Process	Please refer Annexure – B (SAP Existing Work/Process Flow) Details will shared at the time of SRS preparation	
Giesecke+D evrient	278	8	ii.	66		100% accountability on this manual process requires the operator to trace barcode/serial number of each sheet/banknote analyzed. Is that acceptable for SPMCIL?	Process	Yes. However bidder is ensure reconciliation at every stage as per the process mentioned in the RFP	
Giesecke+D evrient	279	8	ii.c.	66		How is the single note examination performed? What are the possible outcomes of the exam?	Process	1. Manually 2. Outcomes are Good notes and Spoiled notes.	
Giesecke+D evrient	280	8	ii.d.	66		Replacements in manual examination should be traced? It's a manual operation	Process	Please refer Section 4. Functional Requirement and Process flow of the proposed system. FIN-2 Section of both BNP and CNP of this RFP	
Giesecke+D evrient	281	9	ii.	68		Is the system expected to read the sheets barcode in cutpak? Automatically or manually?	Process	Please refer section 4. Functional Requirement and Process flow of proposed system of this RFP. Point 7 (ii)It should be done Automatically	
Giesecke+D evrient	282	9	ii.	68		Can SPMCIL elaborate the BPS&Cutting process? Examples: 1.What is the size of OPBP, OPP and IPP? 2.Which delivery stackers is the BPS equipped with? (Sample, Audit, Reject, ...)? 3.Is shredder always enabled? 4.Are rejected banknotes manually re-fed into BPS? 5.Are spoiled notes (sample and audit) collected and reprocessed later or manually destroyed? 6.What happens to fit banknotes that do not complete a bundle at the end of the production? Are they placed again into the stacker to be completed at the next batch/shift? 7.Can bundles be manually unpacked?	Process	1. Size of OPBP, OPP and IPP is 1 Million notes. 2. Bank notes are not processed during Audit or Sample check 3. Yes 4. Yes, In expectational cases, rejected bank notes are manually re-fed into BPS 5. Spoiled notes are shredded and Rejected notes are collected and shredded at the end of the shift 6.Yes 7. Yes, but it happens rare	
Giesecke+D evrient	283	9	iv.	68		Isn't the barcode bundle automatically generated by BPS? Is NotaPack present on the system?	Process	Yes, barcode automatically printed at BPS. Yes,NotaPack present on the system.	

Giesecke+Devrient	284	9	v.	68		What happens to unfit notes from BPS (rejected/discarded but not automatically shredded)? Is there a manual distructor?	Process	Yes, In expectational cases, rejected bank notes are manually re-fed into BPS for online shredding. There is no manual distruction.	
Giesecke+Devrient	285	9	v.	68		What happens next to unused sheets? Are they destoyed or processed later?	Process	They are processed later	
Giesecke+Devrient	286	10	ii.	69		Bundles coming form Fin-III and bundles coming from Cutpack Vault are managed/processed differently?	Process	Please refer Annexure – B (SAP Existing Work/Process Flow)	
Giesecke+Devrient	287	10	ii.	69		What is the expected packing hierarchy? Only bundles into boxes or is there any further packing level (e.g.: container of boxes)?	Process	As per the process, Bundles pack into Boxes	
Giesecke+Devrient	288	10	iii.	69		What kind of communication protocol can use APS to transfer packing data? (FTP, webservices, json, xml...)	Process	Detailed information will be provided at the time SRS preparation	
Bar Code India Limited	289	SECTION III: SPECIAL INSTRUCTIONS TO TENDERERS (SIT)	SIT 12: Earnest Money Deposit:	9	For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a)Account Payee Demand Draft or b)Fixed Deposit Receipt or c)Banker's cheque In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored.	EMD in the form of BG (Bank Guarantee)	Legal	Query evaluated but RFP conditions prevail.	
Bar Code India Limited	290	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC -3 , SCC-4	11	SCC - 3: Insurance: As the supplier has to deliver the material on FOR BNP Dewas Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier. SCC - 4: Distribution of Dispatch Documents for Clearance/ Receipt of Goods: The supplier shall send all the relevant dispatch documents well in time to BNP DEWAS to enable BNP DEWAS to clear or receive (as the case may be) the goods in terms of the contract.	As there are five sites where material has to be delivered and installed . Do we have to deliver whole material at Dewas then BNPD Dewas will distribute internally to sites . Please clarify.	Dept	It is SI's responsibility to deliver the material at all the specified sites as per RFP. Please refer Corrigendum	SCC - 3: Insurance: As the supplier has to deliver the material on FOR SPM/BNP /CNP/DC/DR Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier. SCC - 4: Distribution of Dispatch Documents for Clearance/ Receipt of Goods: The supplier shall send all the relevant dispatch documents well in time to SPM/BNP /CNP/DC/DR to enable SPM/BNP /CNP/DC/DR to clear or receive (as the case may be) the goods in terms of the contract.
Bar Code India Limited	291	SECTION VI: LIST OF REQUIREMENTS	Clause 9	15	9.AFTER SALES SUPPORT: The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid.	Life Cycle of the Product/Devices is 3 to 5 years therefore commitment for 10 years after warranty period is Not possible. We request you this to be read as 5 years from the declaration End of Life by the OEM.	Legal	Please refer corrigendum	BNP, Dewas reserves the right to extend the duration of the project up to 10 years. The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period shall be paid to a bidder on a pro-rata basis
Bar Code India Limited	292	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause l	17	l. The system should be designed and developed with high redundancy to ensure 100% accountability and traceability.	User Login based accountability or any other mechanism.Please explain 100% accountability and traceability meaning.	Technical	The system should be designed, developed and implemented in such a way to ensure 100% traceability and accountability. Also, Considering the critical nature of the Project, bidder to ensure 100% availability of solution as mentioned in the RFP. Detailed information will shared with successful bidder. Note : Existing cycle time to complete the process at each stage and manpower at units should not be increased due to implementation of Track and Trace system	
Bar Code India Limited	293	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause m	17	m. The overall system should be scalable to support any addition of new machines, production lines and units in future. There should not be any constraint in application capabilities to add new users, machines, production lines and units.	Please define number machines, production lines and units , new users will be ADDED in future.	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bar Code India Limited	294	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause n	17	n.IT Security is paramount for the entire system and SI should ensure that all the necessary security mechanisms should be built in the system to ensure end-to-end security.	IT Security is VERY BIG subject please define necessary security mechanisms required to be built in.	security Audit	Please refer to RFP, IT security-related points mentioned under the RFP . Also, the bidder to ensure ISO 27001:2018 or the latest as per clause 1.13	

Bar Code India Limited	295	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause q	17	q.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.	Please define Approx number of new users and machines/lines can be added	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bar Code India Limited	296	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	3.3Service Levels Agreement Part B: Warranty and CAMC	43	3Availability of infrastructure such as barcode reader, scanner, etc. at units Note: Non-working of each barcode labeler, scanner, sensor should be treated as an incident and penalty shall be computed accordingly on quarterly basis.Availability means, the number of hours in a calendar month during which the infrastructure is actually available for use; and performing as per its intended useAvailability should be 100%In case of unavailability, the penalty should be calculated per device as below: a.0 to <=1 hour: Rs. 10,000/- per device b.>1 hour to <=2 hours: Rs. 15,000/- per device c.>2 hour to <=3 hours: Rs. 15,000/- per device d.more than 3 hours: Rs. 25,000/- per device per hour and part thereof. Note: In case the unavailability of device more than 5 hours, BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.	Bar Code reader ,scanner etc can not be repaired on site they have to be brought to OEM service center hence 100% availability can not be achived , we request you to consider 95% availability . Penalty are two high it shoulld not be more than 250 - 500 rupees per day i.e 8 working hrs.	SLA	Query evaluated but RFP conditions prevail.	
Bar Code India Limited	297	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	6.Payment and Timeline	90	Payment and Time Lines as per Clause 6	We request you to consider hardware and software payment seperately. i) Hardware : 20 % with PO, 70% on Delivery balance 10 % against installation testing and commissioning. Ii) Software Track and Trace : On achivement of different milestones 30 % with PO , 50 % on Completion of design & on UAT and 20% against final Acceptance test.	Payment	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised payment terms.	
Bar Code India Limited	298	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	6.Payment and Timeline	92	As per Section 1.19 - Warranty & ComprehensiveAnnual Maintenance Contract	Yearly in Advance .	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
Bar Code India Limited	299	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.1 Eligibility Criteria 1.2.1Pre-Qualification / Minimum Eligibility Criteria	144	B.Experience & Past Performance 5.Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfullySingle Bidder – Biddera. Documents required in case of Completed project: including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .Consortium / JV – Any MemberCopy of Purchase Order / Work order / Agreement / Contract + Completion certificate from Client on client's letterhead + Assignment Details as per the format provided in Bidding Forms	Here it is mentioned Manufacturing or Security printing but in page 144 7. Format for Relevant Project Experience it is mentioned paper manufacturing please clarify BNPD Dewas will consider project from Paper manufacturing only or general manufacturing as project experience	PQ/TQ	Manufacturing of any product will be considered	

Bar Code India Limited	300	7. Technical Specifications	7.3 Bar Code Reader / Scanner	94	S. No. Particulars Compliance Deviations a. The Code scanner should be of proven and latest technology. b. The Code scanner should be able to read barcodes, not only in transmitted light, but also in transparency and reflected, wherever applicable c. The Code scanner should be Compact, non-contact type and should be able to scan all the marked Code from the moving paper at variable speed. d. The Code scanner should be able to read the barcodes at maximum machine speed for SPM-Narmadapuram, BNP-Dewas and CNP-Nashik mentioned under annexure. e. The scanner should be capable of wide area scanning with minimum width of 120mm or more to cater as per width of the paper. f. The Code scanner should have Open and Standard Digital Data Communication for sharing of scanned data to the System Server. g. Any light array is required for the scanner to detect the marked codes should be in accordance with standards. h. The lighting system should not affect the	*What would be the printed Barcode symbology *How much alphanumerical data would be encoded in the code *What would be defined size of code (LxB) *What would be Code printing back ground color *In case of code not read : What action need to take *Min and Max Gape between two sheets in running condiiton (in mm) *In case late resopnse from data validation Software : What action need to take *Sheet / paper / Bundle Auto Rejection mechanism required or not *Need to explain required scanner inbulit feature like mentioned in RFP "The scanner should be capable to have all inbuilt self-adjusting mechanism to take care of variations in the operating parameters, power supply, climatic conditions, etc." *Audio-visual alarm system : Any specific model/Make *Availability of Trigger signal(24Vdc pulse) from machine	Barcode	Please refer Corrigendum	
Bar Code India Limited	301	SECTION VII	1 SCOPE OF WORK	16	The T&T should be a robust and scalable solution to meet the existing as well as growing needs.	Kindly define "growing need" will it be a new plant setup or expansion of existing plant in same premises. Please define Approx expansion of each plant, machines and users.	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bar Code India Limited	302	SECTION VII	1.1. Design, Development and Customization	17	It is suggested that wherever applicable the Track & Trace system should be designed and developed using Open-Source technology.	will DOTnet can be used for design & development. Any specific language kindly mention.	Technical	Bidder may choose any proven technology which should meet the scope of work and SLA requirement of this RFP. Please also refer Section (VII).1.1 of the RFP for more details	
Bar Code India Limited	303	SECTION VII	1.5. IIoT based solution for monitoring key parameter	23	All the data generated through IIoT sensors should be stored on premises at Unit level and DC-DR level. The IIoT solution should be designed considering the same as there would not be any internet connectivity inside the factories.	Do all Sites have Wi-Fi connectivity in entire premises?	Technical	No Wi-Fi is available	
Bar Code India Limited	304	SECTION VII	1.5. IIOT based solution for monitoring key parameter	23	IIoT sensors shall be installed at key points by SI at Units & Machine level (wherever applicable) to monitor key parameters such as humidity and temperature of machines critical points. The environmental sensors shall help to detect the machine's operating environment.	Only Temprature & Humidity sensors required? Share tentative critical points for each machine	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter	
Bar Code India Limited	305	SECTION VII	1.10. Dashboard, Report and Analytics	28	The Track and Trace application shall provide dynamic dashboards to all end-users. The layout and content of the dashboard would be based on the user role/ category/ type etc.	Share tentative number of users who will access dashboard. Official & Others.	Dashboard	Total no. of users could be 150 Approx. However, it can be increase in future. There should not be any restrictions of no of users and it should be done in no additional cost.	
Bar Code India Limited	306	SECTION VII	1.11. Training and Capacity Building	30	Based on the organizational hierarchy and the envisaged roles and responsibilities, departmental officials have been categorized into four bands - A, B, C & D.	Share maximum number of batches possible per band for all units	Training	To be discussed and decided after SI's onboarding	

							Clause 1.19
Bar Code India Limited	307	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	35	The quantity mentioned below 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 RBI. 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.	Consumable Supply evidence will be consider or actual consumable consuption in system will be considered?	Consumable	Please refer Corrigendum	C. The quantity mentioned below for Sheets, Reams, Bundles, Batches, Boxes shall help the bidder to estimate the number of Barcode/QR/RFID shall be required as per their solution. The quantity mentioned is of annual basis and bidder shall need to plan the consumables accordingly for entire project duration. The requirement may increase or decrease as per the actual indent from RBI. Hence, cost of Consumables to be paid on pro-rata basis to SI. The SI shall be responsible to produce evidence of Barcode /QR/ RFID generated through automatic system generated reports.

Please Note- Cost of consumables will be paid to bidder sheet wise, ream wise, bundles wise,Jumbo roll, boxes wise and Batch wise irrespective of number of the barcode/QR/RFID printed on the same. |
Bar Code India Limited	308	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	36	The SI shall provide Guarantee that every work executed under this project shall be free from all defects and faults in materials, workmanship etc. and shall be of the highest grade and consistent with established and accepted standards for materials and workmanship of the type ordered and full conformity with the specifications and equipment shall satisfy its intended use.	Kindly explain Guarantee	Legal	Work executed under this project shall be free from all defects and faults in materials, workmanship,etc.	
Bar Code India Limited	309	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	38	Incidents of failure of any service/equipment must be recorded and reported to BNP, Dewas immediately. Report with Root Cause Analysis (RCA) post resolving the must be submitted immediately.	Share Time period under with it must be reported & Submition of RCA to BNP,Dewas.	Dept	Expectation for SI is to submit the RCA immediately. However, it may vary case to case basis	
Bar Code India Limited	310	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	38	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	Kindly share approx frequency per machine, per plant, per annum.	Condemned machines	It will be provided to successful bidder	
Bar Code India Limited	311	SECTION VII	Monitoring and Management Services:	38	Access Management and related activities such as creating, updating, deleting users	Users creation & delition will be centralized in SAP using active directory or it will be in T&T application.	Technical	User creation and Deletion will be done through T&T system. Although, same shall be discussed and Finalized at the SRS stage with SI	
Bar Code India Limited	312	SECTION VII	1.1. General Requirement of T & T System	46	System should securely transfer the unique barcodes to the barcode printers installed at the different stages.	Barcode printing at any stage/process/machine require variable data or Fixed data. If Variable define those process/machine.	Barcode	Please refer Corrigendum	
Bar Code India Limited	313	SECTION VII	1.1. General Requirement of T & T System	47	The Track and Trace Solution should be capable of sending real-time alerts/SMS/email to pre-defined designated officers. Pre-defined conditions should be configurable.	alert/SMS/email all of them require if yes share number of user to which SMS & email alerts needs to be send.	Technical	To be decided after SI's onboarding	

Bar Code India Limited	314	SECTION VII	1.2. Proposed Process Flow of SPM, Narmadapuram	48	At the paper machine section, there must be a set of suitable printer / marker to print the unique barcodes on the top/side of every sheet at the maximum speed of machine given under annexure. The barcode should contain details such as Calendar year, Denomination, Roll No., Web No., Stack No, Sheet ID, etc.	Do Barcode contain any variable data plz share	Barcode	Bidders are required to assess the same as per the scope and proposed process flow mentioned in the RFP	
Bar Code India Limited	315	SECTION VII	1.2. Proposed Process Flow of SPM, Narmadapuram	49	Semi-Finished Reel / Pope Reels / Jumbo Rolls to be returned by Paper Machine Section as below: ☐ Semi-Finished Reels are returned to Pope Reel storage location (POPE) ☐ Spoiled-Paper-With-thread are returned to Pope Reel storage location (POPE) ☐ Spoiled-Paper-Without-thread are returned to Broke Handling Area (BRHA) storage location	Do Store management system also required i.e. location mapping, putaway of material required in all plants?	SPM	Yes, it is required. Please refer to Corrigendum for updated process	
Bar Code India Limited	316	SECTION VII	1.2. Proposed Process Flow of SPM, Narmadapuram	51	The system should be able to detect any sheet processing anomaly and generate an alarm/ signal to stop the feeding of sheets and allow for intervention of the operator. General detected anomalies are lost sheet, wrong delivery pile, etc.	Will user manually stop machine after seeing the alert or T&T application will send stop signal to the machine?	Feeder	There should be switched to enable/disable the automatic stop of the machine.	
Bar Code India Limited	317	SECTION VII	1.2. Proposed Process Flow of SPM, Narmadapuram	53	The system shall generate a unique RFID for each pallet/box. The system must create a parent-child link between the unique barcode of each ream with the serial no of the box (1 box = 15 reams) for backward traceability.	How many pallet/box packed per day?	SPM	Approx. 60 boxes/day	
Bar Code India Limited	318	SECTION VII	Proposed Process Flow of CNP, Nashik	54	The Control Section counts sheet of SPM (100%) & BNPM (5%) through GTS machines. Ream Count are matched with Lot Quantity mentioned in the invoices and Sheet Count as 500/Ream. (Note- ☐ In case of any mismatch, flag is raised and inform to concerned paper mills about the same via email.	Will it be a auto system generated mail or any specific user will send mail to respective paper mill.	Process	Currently, Email is sent manually. However the process may be modified during SRS preparation after consultation with stakeholders	
Bar Code India Limited	319	SECTION VII	Proposed Process Flow of CNP, Nashik	58	The T & T system should link the key information (like date and time of printing, inset letter, imprint year, production, spoil, shift, production orders, operators, materials, machine details, supplier of CWBN paper etc.) with the barcode of every sheet and store in local storage.	1. Do all local storage in all plants require Store reciving module? 2. Receiving will be done manually by user who will update in store reciving module or electronically by scanning barcode of each sheet?	Process	RFID readers should be installed at the entry points of the Security Store section. The system should automatically record the entry, once the RFID tagged boxes passes through the gate.	
Bar Code India Limited	320	SECTION VII	Proposed Process Flow of CNP, Nashik	60	At the beginning of every shift, sheets to be issued to the examiners in Color Section from Color Vault.	Dispatch will be done manually by user who will update in store dispatch module or electronically by scanning barcode of each sheet?	Process	A possible solution to handle Manual Color Examination process is mentioned in the RFP. However, Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP.	
Bar Code India Limited	321	SECTION VII	Proposed Process Flow of CNP, Nashik	70	RFID readers should be installed at the entry points of the Security Store section.	Will Lan conectivity provided at the point of RFID reader installation at all Sites?	Technical	Cabling from Machine and Workstation to server room and Vice-versa shall be SI's responsibility.	
Bar Code India Limited	322	Section XXII-Annexures	1.1. Annexure - A (Machine Information)	156	Operating speed= 50-75 MPM, Design speed= 110 MPM	MPM stands for Miles per minute or Meter per minute.	Process	Meter per minute	

Bar Code India Limited	323				General question related to hardware and solution implementation after pre-assessment visit at Dewas and Nasik.	1. Will power connectivity be provided in the currency printing machine to powered the additional printer, scanner and sensor? 2. Can we get the information from exisiting sensor installed in the priting machine to trigger the barcode scanner to capture the barcode printed on the sheet? 3. Can we get the more details on BPS process when printed sheets go to BPS section or when not? 4. Can we get the details of note numbering sequence captured by camera after printing number sequence on the note to map the barcode with note bundle as after sheet cutting process there wont be any barcode on the sheet? 5. Does intaglio printing machine have feasibility to implement barcode scanner at output area once sheet turns to front? 6. Will power and LAN connectivity be provided at RFID portal to install the RFID reader?	Process	1. Please refer section (1.4).(e) 2. No 3. Suspected or with-Cancellation sheets are CR numbered and processed on BPS/SNIM machine. 4. The bidder needs to install a separate system to get the rejected sheet details. 5. Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP. 6. Source of power will be provided. However, SI will be responsible for electrical wiring and LAN connectivity upto RFID reader.	
Bodhtree Consulting Limited & PVM Innvensys	324	SECTION III: SPECIAL INSTRUCTIONS TO TENDERERS (SIT)	SIT 12: Earnest Money Deposit:	9	For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a)Account Payee Demand Draft or b)Fixed Deposit Receipt or c)Banker's cheque In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored.	EMD in the form of BG (Bank Guarantee)	Financial	Query evaluated but RFP conditions prevail.	Please help to verify the draft Response mentioned under col (i)
Bodhtree Consulting Limited & PVM Innvensys	325	SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)	SCC –3 , SCC-4	11	SCC - 3: Insurance: As the supplier has to deliver the material on FOR BNP Dewas Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier. SCC - 4: Distribution of Dispatch Documents for Clearance/ Receipt of Goods: The supplier shall send all the relevant dispatch documents well in time to BNP DEWAS to enable BNP DEWAS to clear or receive (as the case may be) the goods in terms of the contract.	As there are five sites where material has to be delivered and installed . Do we have to deliver whole material at Dewas then BNPD Dewas will distribute internally to sites . Please clarify.	Dept	It is SI's responsibility to deliver the material at all the specified sites as per RFP. Please refer Corrigendum	SCC - 3: Insurance: As the supplier has to deliver the material on FOR SPM/BNP /CNP/DC/DR Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier. SCC - 4: Distribution of Dispatch Documents for Clearance/ Receipt of Goods: The supplier shall send all the relevant dispatch documents well in time to SPM/BNP /CNP/DC/DR to enable SPM/BNP /CNP/DC/DR to clear or receive (as the case may be) the goods in terms of the contract.
Bodhtree Consulting Limited & PVM Innvensys	326	SECTION VI: LIST OF REQUIREMENTS	Clause 9	15	9.AFTER SALES SUPPORT: The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid.	Life Cycle of the Product/Devices is 3 to 5 years therefore commitment for 10 years after warranty period is Not possible. We request you this to be read as 5 years from the declaration End of Life by the OEM.	Legal	Please refer corrigendum	BNP, Dewas reserves the right to extend the duration of the project up to 10 years. The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period shall be paid to a bidder on a pro-rata basis
Bodhtree Consulting Limited & PVM Innvensys	327	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause l	17	l.The system should be designed and developed with high redundancy to ensure 100% accountability and traceability.	User Login based accountability or any other mechanism.Please explain 100% accountability and traceability meaning.	Technical	The system should be designed, developed and implemented in such a way to ensure 100% traceability and accountability. Also, Considering the critical nature of the Project, bidder to ensure 100% availability of solution as mentioned in the RFP	
Bodhtree Consulting Limited & PVM Innvensys	328	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause m	17	m.The overall system should be scalable to support any addition of new machines, production lines and units in future. There should not be any constraint in application capabilities to add new users, machines, production lines and units.	Please define number machines, production lines and units , new users will be ADDED in future.	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bodhtree Consulting Limited & PVM Innvensys	329	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause n	17	n.IT Security is paramount for the entire system and SI should ensure that all the necessary security mechanisms should be built in the system to ensure end-to-end security.	IT Security is VERY BIG subject please define necessary security mechanisms required to be built in.	Technical	Please refer to RFP, IT security-related points mentioned under the RFP . Also, the bidder to ensure ISO 27001:2018 or the latest as per clause 1.13	

Bodhtree Consulting Limited & PVM Innvensys	330	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.1.Design, Development and Customization Clause q	17	q.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.	Please define Approx number of new users and machines/lines can be added	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bodhtree Consulting Limited & PVM Innvensys	331	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	3.3Service Levels Agreement Part B: Warranty and CAMC	43	3Availability of infrastructure such as barcode reader, scanner, etc. at units Note: Non-working of each barcode labeler, scanner, sensor should be treated as an incident and penalty shall be computed accordingly on quarterly basis.Availability means, the number of hours in a calendar month during which the infrastructure is actually available for use; and performing as per its intended useAvailability should be 100%In case of unavailability, the penalty should be calculated per device as below: a.0 to <=1 hour: Rs. 10,000/- per device b.>1 hour to <=2 hours: Rs. 15,000/- per device c.>2 hour to <=3 hours: Rs. 15,000/- per device d.more than 3 hours: Rs. 25,000/- per device per hour and part thereof. Note: In case the unavailability of device more than 5 hours, BNP, Dewas reserves the right for termination of contract and forfeiture of performance bank guarantee.	Bar Code reader ,scanner etc can not be repaired on site they have to be brought to OEM service center hence 100% availability can not be achived , we request you to consider 95% availability . Penalty are two high it shoulld not be more than 250 - 500 rupees per day i.e 8 working hrs.	SLA	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	332	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	6.Payment and Timeline	90	Payment and Time Lines as per Clause 6	We request you to consider hardware and software payment seperately. i) Hardware : 20 % with PO, 70% on Delivery balance 10 % against installation testing and commissioning. Ii) Software Track and Trace : On achivement of different milestones 30 % with PO , 50 % on Completion of design & on UAT and 20% against final Acceptance test.	Payment	Query evaluated but RFP conditions prevail. Please refer Corrigendum for revised payment terms.	
Bodhtree Consulting Limited & PVM Innvensys	333	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	6.Payment and Timeline	92	As per Section 1.19 - Warranty & ComprehensiveAnnual Maintenance Contract	Yearly in Advance .	Payment	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	334	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.1 Eligibility Criteria 1.2.1Pre-Qualification / Minimum Eligibility Criteria	144	B.Experience & Past Performance 5.Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfullySingle Bidder – Biddera. Documents required in case of Completed project: including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .Consortium / JV – Any MemberCopy of Purchase Order / Work order / Agreement / Contract + Completion certificate from Client on client's letterhead + Assignment Details as per the format provided in Bidding Forms	Here it is mentioned Manufacturing or Security printing but in page 144 7. Format for Relevant Project Experience it is mentioned paper manufacturing please clarify BNPD Dewas will consider project from Paper manufacturing only or general manufacturing as project experience	PQ/TQ	Please Corrigendum	

Bodhtree Consulting Limited & PVM Innvensys	335	7. Technical Specifications	7.3 Bar Code Reader / Scanner	94	S. No. Particulars Compliance Deviations a. The Code scanner should be of proven and latest technology. b. The Code scanner should be able to read barcodes, not only in transmitted light, but also in transparency and reflected, wherever applicable c. The Code scanner should be Compact, non-contact type and should be able to scan all the marked Code from the moving paper at variable speed. d. The Code scanner should be able to read the barcodes at maximum machine speed for SPM-Narmadapuram, BNP-Dewas and CNP-Nashik mentioned under annexure. e. The scanner should be capable of wide area scanning with minimum width of 120mm or more to cater as per width of the paper. f. The Code scanner should have Open and Standard Digital Data Communication for sharing of scanned data to the System Server. g. Any light array is required for the scanner to detect the marked codes should be in accordance with standards. h. The lighting system should not affect the	*What would be the printed Barcode symbology *How much alphanumerical data would be encoded in the code *What would be defined size of code (LxB) *What would be Code printing back ground color *In case of code not read : What action need to take *Min and Max Gape between two sheets in running condiiton (in mm) *In case late resopnse from data validation Software : What action need to take *Sheet / paper / Bundle Auto Rejection mechanism required or not *Need to explain required scanner inbulit feature like mentioned in RFP "The scanner should be capable to have all inbuilt self-adjusting mechanism to take care of variations in the operating parameters, power supply, climatic conditions, etc." *Audio-visual alarm system : Any specific model/Make *Availability of Trigger signal(24Vdc pulse) from machine	Barcode	Please Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	336	SECTION VII	1 SCOPE OF WORK	16	The T&T should be a robust and scalable solution to meet the existing as well as growing needs.	Kindly define "growing need" will it be a new plant setup or expansion of existing plant in same premises. Please define Approx expansion of each plant, machines and users.	New Machine	Please refer Corrigendum	In case of any new sensor/barcode printer & reader required for installation on the new machine, cost for the same shall be borne by the respective unit as per the CAPEX rates mentioned for similar kind of a machine in price bid
Bodhtree Consulting Limited & PVM Innvensys	337	SECTION VII	1.1. Design, Development and Customization	17	It is suggested that wherever applicable the Track & Trace system should be designed and developed using Open-Source technology.	will DOTnet can be used for design & development. Any specific language kindly mention.	Technical	Bidder may choose any proven technology which should meet the scope of work and SLA requirement of this RFP. Please also refer Section (VII).1.1 of this RFP	
Bodhtree Consulting Limited & PVM Innvensys	338	SECTION VII	1.5. IIoT based solution for monitoring key parameter	23	All the data generated through IIoT sensors should be stored on premises at Unit level and DC-DR level. The IIoT solution should be designed considering the same as there would not be any internet connectivity inside the factories.	Do all Sites have Wi-Fi connectivity in entire premises? Is there an existing LAN connectivity ? Or the existing MPLS will be shared for IIoT sensors or devies? How should data transfer be done from Unit level to DC-DR level.	Technical	1.No 2. LAN setup needs to be done by SI as per Scope of Work 3. Please refer section 1.6. MPLS connectivity of RFP	
Bodhtree Consulting Limited & PVM Innvensys	339	SECTION VII	1.5. IIOT based solution for monitoring key parameter	23	IIoT sensors shall be installed at key points by SI at Units & Machine level (wherever applicable) to monitor key parameters such as humidity and temperature of machines critical points. The environmental sensors shall help to detect the machine's operating environment.	Only Temperature & Humidity sensors required? Share tentative critical points for each machine Is Vibration monitoring is required? As well?	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter	
Bodhtree Consulting Limited & PVM Innvensys	340	SECTION VII	1.10. Dashboard, Report and Analytics	28	The Track and Trace application shall provide dynamic dashboards to all end-users. The layout and content of the dashboard would be based on the user role/ category/ type etc.	Share tentative number of users who will access dashboard. Official & Other Departments?	Dashboard	Total no. of users could be 150 Approx. However, it can be increase in future. There should not be any restrictions of no of users and it should be done in no additional cost.	
Bodhtree Consulting Limited & PVM Innvensys	341	SECTION VII	1.11. Training and Capacity Building	30	Based on the organizational hierarchy and the envisaged roles and responsibilities, departmental officials have been categorized into four bands - A, B, C & D.	Share maximum number of batches possible per band for all units	Training	To be decided later after SI's onboarding	

Bodhtree Consulting Limited & PVM Innvensys	342	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	35	The quantity mentioned below 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 RBI. 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.	Consumable Supply evidence will be consider or actual consumable consuption in system will be considered?	Consumable	Please refer Corrigendum	Clause 1.19

C. The quantity mentioned below for Sheets, Reams, Bundles, Batches, Boxes shall help the bidder to estimate the number of Barcode/QR/RFID shall be required as per their solution. The quantity mentioned is of annual basis and bidder shall need to plan the consumables accordingly for entire project duration. The requirement may increase or decrease as per the actual indent from RBI. Hence, cost of Consumables to be paid on pro-rata basis to SI. The SI shall be responsible to produce evidence of Barcode /QR/ RFID generated through automatic system generated reports.

Please Note- Cost of consumables will be paid to bidder sheet wise, ream wise, bundles wise, boxes wise and Batch wise irrespective of number of the barcode/QR/RFID printed on the same. |
Bodhtree Consulting Limited & PVM Innvensys	343	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	36	The SI shall provide Guarantee that every work executed under this project shall be free from all defects and faults in materials, workmanship etc. and shall be of the highest grade and consistent with established and accepted standards for materials and workmanship of the type ordered and full conformity with the specifications and equipment shall satisfy its intended use.	Kindly explain Guarantee	Legal	Work executed under this project shall be free from all defects and faults in materials, workmanship,etc.	
Bodhtree Consulting Limited & PVM Innvensys	344	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	38	Incidents of failure of any service/equipment must be recorded and reported to BNP, Dewas immediately. Report with Root Cause Analysis (RCA) post resolving the must be submitted immediately.	Share Time period under with it must be reported & Submition of RCA to BNP,Dewas.	Technical	Expectation for SI is to submit the RCA immediately. However, it may vary case to case basis	
Bodhtree Consulting Limited & PVM Innvensys	345	SECTION VII	1.19. Warranty & Comprehensive Annual Maintenance contract	38	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	Kindly share approx frequency per machine, per plant, per annum.	Condemned machines	It will be provided to successful bidder	
Bodhtree Consulting Limited & PVM Innvensys	346	SECTION VII	Monitoring and Management Services:	38	Access Management and related activities such as creating, updating, deleting users	Users creation & delition will be centralized in SAP using active directory or it will be in T&T application.	Technical	User creation and Deletion will be done through T&T system. Although, same shall be discussed and Finalized at the SRS stage with SI	

Bodhtree Consulting Limited & PVM Innvensys	347	SECTION VII	1.1. General Require ment of T & T System	46	System should securely transfer the unique barcodes to the barcode printers installed at the different stages.	Unique Barcode - level of uniqueness, is it no barcode repetion even one in one billion codes or for the lifecycle of the solution? Barcode serialization security and encryption standards requirement ? Kindly elaborate on barcode standard? GS1? EPCIS? Unlimited hierarchy for mapping the items? How many levels - vertical and horizontal? Security Encryption required? Barcode printing at any stage/process/machine require variable data or Fixed data. If Variable define those process/machine.	Barcode	Please refer Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	348	SECTION VII	1.1. General Require ment of T & T System	47	The Track and Trace Solution should be capable of sending real-time alerts/SMS/email to pre-defined designated officers. Pre-defined conditions should be configurable.	alert/SMS/email all of them are required? If yes share number of user to which SMS & email alerts needs to be send.	Process	To be decided after SI's onboarding	
Bodhtree Consulting Limited & PVM Innvensys	349	SECTION VII	1.2. Propose d Process Flow of SPM, Narmada puram	48	At the paper machine section, there must be a set of suitable printer / marker to print the unique barcodes on the top/side of every sheet at the maximum speed of machine given under annexure. The barcode should contain details such as Calendar year, Denomination, Roll No., Web No., Stack No, Sheet ID, etc.	Do Barcode contain any variable data plz share	Barcode	Bidders are required to assess the same as per the scope and proposed process flow mentioned in the RFP	
Bodhtree Consulting Limited & PVM Innvensys	350	SECTION VII	1.2. Propose d Process Flow of SPM, Narmada puram	49	Semi-Finished Reel / Pope Reels / Jumbo Rolls to be returned by Paper Machine Section as below: ☐ Semi-Finished Reels are returned to Pope Reel storage location (POPE) ☐ Spoiled-Paper-With-thread are returned to Pope Reel storage location (POPE) ☐ Spoiled-Paper-Without-thread are returned to Broke Handling Area (BRHA) storage location	Do Store management system also required i.e. location mapping, putaway of material required in all plants?	SPM	Yes, it is required. Please refer to Corrigendum for updated process	
Bodhtree Consulting Limited & PVM Innvensys	351	SECTION VII	1.2. Propose d Process Flow of SPM, Narmada puram	51	The system should be able to detect any sheet processing anomaly and generate an alarm/ signal to stop the feeding of sheets and allow for intervention of the operator. General detected anomalies are lost sheet, wrong delivery pile, etc.	Will users manually stop machine after seeing the alert or T&T application will send stop signal to the machine?	Feeder	System will raise an alert/notification which will be cleared by the machine operator, T&T application will not stop in any condition	
Bodhtree Consulting Limited & PVM Innvensys	352	SECTION VII	1.2. Propose d Process Flow of SPM, Narmada puram	53	The system shall generate a unique RFID for each pallet/box. The system must create a parent-child link between the unique barcode of each ream with the serial no of the box (1 box = 15 reams) for backward traceability.	How many pallet/box packed per day?	SPM	Approx. 60 boxes/day	
Bodhtree Consulting Limited & PVM Innvensys	353	SECTION VII	1.2. Propose d Process Flow of CNP, Nashik	54	The Control Section counts sheet of SPM (100%) & BNPM (5%) through GTS machines. Ream Count are matched with Lot Quantity mentioned in the invoices and Sheet Count as 500/Ream. (Note- ☐ In case of any mismatch, flag is raised and inform to concerned paper mills about the same via email.	Will it be a auto system generated e-mail or any specific user will send mail to respective paper mill.	Process	Currently, Email is sent manually. However the process may be modified during SRS preparation after consultation with stakeholders	
Bodhtree Consulting Limited & PVM Innvensys	354	SECTION VII	1.2. Propose d Process Flow of CNP, Nashik	58	The T & T system should link the key information (like date and time of printing, inset letter, imprint year, production, spoil, shift, production orders, operators, materials, machine details, supplier of CWBN paper etc.) with the barcode of every sheet and store in local storage.	1. Do all local storage in all plants require Store receiving module? 2. Receiving will be done manually by user who will update in store receiving module or electronically by scanning barcode of each sheet?	Process	RFID readers should be installed at the entry points of the Security Store section. The system should automatically record the entry, once the RFID tagged boxes passes through the gate.	

Bodhtree Consulting Limited & PVM Innvensys	355	SECTION VII	Proposed Process Flow of CNP, Nashik	60	At the beginning of every shift, sheets to be issued to the examiners in Color Section from Color Vault.	Dispatch will be done manually by user who will update in store dispatch module or electronically by scanning barcode of each sheet?	Process	A possible solution to handle Manual Color Examination process is mentioned in the RFP. However, Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP.	
Bodhtree Consulting Limited & PVM Innvensys	356	SECTION VII	Proposed Process Flow of CNP, Nashik	70	RFID readers should be installed at the entry points of the Security Store section.	Will LAN or Wi-Fi conectivity provided at the point of RFID reader installation at all Sites?	Technical	Internet connectivity is not allowed inside production area, however sensors can communicate with gate/servers via secured Intranet	
Bodhtree Consulting Limited & PVM Innvensys	357	Section XXII-Annexures	1.1. Annexure - A (Machine Information)	156	Operating speed= 50-75 MPM, Design speed= 110 MPM	MPM stands for Miles per minute or Meter per minute.	Process	Meter per minute	
Bodhtree Consulting Limited & PVM Innvensys	358				General question related to hardware and solution implementation after pre-assessment visit at Dewas and Nasik.	1. Will power connectivity be provided in the currency printing machine to powered the additional printer, scanner and sensor? How is the power cabling done - underground or aerial or surface? 2. Can we get the information from exisiting sensor installed in the priting machine to trigger the barcode scanner to capture the barcode printed on the sheet? 3. Can we get the more details on BPS process when printed sheets go to BPS section or when not? 4. Can we get the details of note numbering sequence captured by camera after printing number sequence on the note to map the barcode with note bundle as after sheet cutting process there wont be any barcode on the sheet? 5. Does intaglio printing machine have feasibility to implement barcode scanner at output area once sheet turns to front? 6. Will power and LAN / Wi-Fi connectivity be provided at RFID portal to install the RFID reader?	Process	1. Please refer section (1.4).(e) 2. No 3. Suspected or with-Cancellation sheets are CR numbered and processed on BPS/SNIM machine. 4. The bidder needs to install a separate system to get the rejected sheet details. 5. Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP. 6. Source of power will be provided. However, SI will be responsible for electrical wiring and LAN connectivity upto RFID reader.	
Bodhtree Consulting Limited & PVM Innvensys	359	Blade Servers and Chassis	Point E	97	6 x PCI-Express 3.0 slots	Latest generation of Intel CPU (IceLake aka Intel Gen3 Processor) is available only for 2P Blade servers. 4 socket servers do not come with Intel Gen3 CPU. HPE Blade Servers with Intel Gen3 CPU, come with max 3 * PCIe slots which run on PCIe Gen4.0 technology driving higher performanace. The change would allow HPE to qoute. https://www.intel.com/content/www/us/en/products/platforms/details/ice-lake-sp.html	IT Infra	Please refer corrigendum	3 x PCI-Express 3.0 slots
Bodhtree Consulting Limited & PVM Innvensys	360	Blade Servers and Chassis	Point J	97	The server should be offered with latest PCI/PCIe card to cater LAN and SAN bandwidth traffic.	Please modify the existing clause to : The server should be offered with either latest PCI/PCIe cards to cater to 25 Gbps redundant LAN ports and 32 Gbps redundant SAN ports per server. OR The server should be offered with latest PCI/PCIe based 1* Converged Network Adpater (CNA) having 50 Gbps Redudant ports. Defining the bandwidth at Server level enables uniform minimum configuration by Bidders. Choice is made on basis of Bidder's design suited to your requirement.	IT Infra	Please refer corrigendum	The server should be offered with latest PCI/PCIe card to support aggregated bandwidth of 32 Gbps with redundancy for LAN & SAN traffic to the network

Bodhtree Consulting Limited & PVM Innvensys	361	Blade Chassis	Point M	97	Blade chassis shall support housing of FCoE, Ethernet, FC / SAS interconnect fabrics offering Hot Pluggable & Redundancy as a feature.	Please modify the existing clause to : Blade chassis shall support housing of FCoE, Ethernet, FC / SAS interconnect fabrics offering Hot Pluggable & Redundancy as a feature. Each of the redundant Interconnect Module, in the chassis should have 2*40 Gbps LAN and it should also have 2*16 Gbps SAN ports. These will connect to 10 Gbps LAN switch pair and 16 Gbps SAN switch pair. Bidder to provide suitable cables of atleast XX meters, each. Defining the bandwidth at Chassis level enables uniform configuration by Bidders. It also standardizes the connectivity between Chassis and LAN, SAN networks.	IT Infra	Please refer corrigendum	Required quantity and the Speed of LAN and SAN port should be considered by the bidder as per their solution but it should achieve the minimum throughput of 32 GBPS. Required LAN and SAN SFP should be provided from the day 1 without any additional cost to BNP, Dewas, by using min 10 Gbps SFP to connect to Servers
Bodhtree Consulting Limited & PVM Innvensys	362	SAN Switch	Point C	101	Offered SAN switch shall support minimum of aggregated chassis bandwidth as per the bidder's solution	Please modify the existing clause to : Offered SAN switch shall support minimum of aggregated chassis bandwidth as per the bidder's solution, using 16 Gbps Ports. Defining the minimum port type ensures uniformity in technology being offered by Bidders.	IT Infra	Please refer corrigendum	Offered SAN switch shall support minimum of aggregated chassis bandwidth as per the bidder's solution, using 16 Gbps Ports
Bodhtree Consulting Limited & PVM Innvensys	363	Switch	Point C	101	Interface requirement as per bidder's solution and filled SFP from day 1	Please modify the existing clause to : Interface requirement as per bidder's solution and filled SFP from day 1, by using min 10 Gbps SPF to connect to Servers. It should also have uplink ports of XX bandwidth for uplinking into existing Core Switch at the Department. Defining the minimum port type ensures uniformity in technology being offered by Bidders. It also standardize the connectivity between Servers - LAN switch pair and integration with your existing network layer	IT Infra	Please refer corrigendum	Interface requirement as per bidder's solution and filled SFP from day 1, by using min 10 Gbps SFP to connect to Servers
Bodhtree Consulting Limited & PVM Innvensys	364	SAN Storage		98	Storage subsystem shall be supplied with Thin Provisioning, Snapshot, Clone.	Please clarify if Storage Replication lic is needed. RFP referes to stoarge based Replication on page 38	IT Infra	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP	
Bodhtree Consulting Limited & PVM Innvensys	365	SAN Storage		98	The proposed array shall be enterprise class high end storage with multi-controller architecture to ensure requisite performance. Storage System shall be supplied with minimum quad controllers and will be provided behind integrated backplane / cross bar /switched architecture within the storage array from factory without use of any loosely coupled devices	Since the technical ask on pages 98 and 20 are different, please clarify is the offered storage is to be 4 or 2 controllers	IT Infra	Please refer corrigendum	Dual Controller
Bodhtree Consulting Limited & PVM Innvensys	366	Indicative infrastructure requirements at DC, Noida and DR, Hyderabad is given below:	Point 3	20	SAN Storage (SSD storage) with dual controller		IT Infra	Dual controller has been asked in RFP	
Bodhtree Consulting Limited & PVM Innvensys	367	Indicative Infrastructure requirements at all three units are given below	Point 3	22	SAN Storage (SSD storage) with dual controller (with 10 TB NLSAS on same storage controller for backup with necessary licenses)	Please clarify is the min specs for Units storage would be as given on page 98 or diferent ? if same, then please clarify, the number of controllers needed at Units would be 2 or 4. Also provide clarity if 10 TB NLSAS is needed in addition to 10 TB SSD. Please clarify, if the intent is to create an additional data copy on NLSAS, wrt Production data hosted on SSD.	IT Infra	1. Dual Controller 2.Yes , its additional to 10 TB SSD 3. Yes (intent is to create an additional data copy on NLSAS, wrt Production data hosted on SSD.)"	
Bodhtree Consulting Limited & PVM Innvensys	368	1.2. Integration with Existing SAP ERP	Point 1.2 of B	17	SI shall be responsible for seamless integration with SAP at Process level, data level, field level, etc. Necessary customization required in existing modules of SAP shall be carried out by the SPMCIL DC team as per the requirements of Track and Track system*.	is that SAP level changes will be done by SPMCIL or SI. It says changes are being carried by the SPMCIL team	Technical	Please refer clause 1.2. Integration with Existing SAP ERP and its corresponding notes.	

Bodhtree Consulting Limited & PVM Innvensys	369	SI should provide the license requirement of PI/PO		18	**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 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 line-item wise cost in financial bid of Table-4) shall be adjusted accordingly. However, SI shall have to submit the justification for the number of PI/PO licenses requirement to BNP, Dewas and SPMCIL.	si need to understand better on this. Kindly elaborate this point.	Dept	Point is self explanatory	
Bodhtree Consulting Limited & PVM Innvensys	370	PI/PO Hardware Requirement		18	**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 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 line-item wise cost in financial bid of Table-4) shall be adjusted accordingly. However, SI shall have to submit the justification for the number of PI/PO licenses requirement to BNP, Dewas and SPMCIL.	Hardware sizing details are required? Will SPMCIL provide the hardware sizing specifications?	Technical	Please refer section 7. Technical Specifications of RFP for details and Corrigendum for revised specification.	
Bodhtree Consulting Limited & PVM Innvensys	371	No vPN Access for prod	Clause 1.3 of K	19	**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 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 line-item wise cost in financial bid of Table-4) shall be adjusted accordingly. However, SI shall have to submit the justification for the number of PI/PO licenses requirement to BNP, Dewas and SPMCIL.	is there a internal connectivity between dev servers to Prod or no connections are available?	DC Noida	LAN Connectivity will be provided between Development and Production servers	
Bodhtree Consulting Limited & PVM Innvensys	372	Proposed Architecture	Clause 1.3	20	SPMCIL is in process of upgrading the technical infrastructure at DC, Noida, DR, Hyderabad and all three units. The Tech Refresh RFP for the same is expected to come out soon or has been published on <<date>> and it is available on <<portal name>>. The bidders are advised to refer the same. As mentioned in this section, 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 this section. 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, DR and all three units. 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 in financial bid of Table-3) shall be deducted/adjusted accordingly.	Is it mandatory to keep the T&T data on local and then transfer?	Technical	Yes, it is mandatory as per the RFP requirement but SI may propose better solution at the SRS stage for acceptance and approval to BNP, Dewas and other stakeholders	
Bodhtree Consulting Limited & PVM Innvensys	373	Centralised Helpdesk	Clause 1.7	24		Is this helpdesk takes care of any issues on T&T including SAP related issues?	Helpdesk	Yes, understanding is correct	

Bodhtree Consulting Limited & PVM Innvensys	374	Dashboard and reports		28		Is that all the dashboards and reports are required to be on BI or only on the local T&T application level?	Dashboard	Kindly refer point "a" of section 1.10. Dashboard, Report and Analytics	
Bodhtree Consulting Limited & PVM Innvensys	375	Training		30		Can we conduct remote ILT?	Training	No, it is required to be carried out at onsite	
Bodhtree Consulting Limited & PVM Innvensys	376	1.13 Certification		31		We have ISO 27001:2013 we feel it's a typo in the document instead of 2013 its printed 2018. Kindly clarify	Technical	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	377	1.14 Integration of New pulp plant		32		Do we need to consider the efforts and cost in the same bid for phase 2?	Dept	Separate line item for phase -2 has been asked in Financial bid for the same	
Bodhtree Consulting Limited & PVM Innvensys	378	Security Audit		33		is that security audit related to T&T system only or need to include SAP Pi/PO and ECC	Technical	Security audit of entire T&T system shall be required	
Bodhtree Consulting Limited & PVM Innvensys	379	Warranty		36		Is that warranty clause applicable for integration objects? Or onlhy hardware?	Legal	It is for entire project	
Bodhtree Consulting Limited & PVM Innvensys	380	5. Application Performance Management		44		T&T is getting integrated with existing SAP ECC & BI dashboard. Whereas, we can't adhere the penalty clause on the performance management as this is combined performance. Kindly change the penalty clause. We can't guarantee on the exisiting systems performance and the existing infrastructure.	Technical	The delay due to any external factor beyond the control of SI shall be evaluated on case to case basis	
Bodhtree Consulting Limited & PVM Innvensys	381	Project Timelines		90		Timelines are very highlevel and no mention about the delays caused from the customer side. Kindly change with customers delay also considered for the timelines	Timeline	Please refer corrigendum	Payment and Timeline has been revised
Bodhtree Consulting Limited & PVM Innvensys	382	3. MSE Firms		3		is it MSME ? Is it applicable for every one in the consortium members or the lead bidder or any one if MSE or MSME is ok?	Legal	Please refer corrigendum for more clarity	
Bodhtree Consulting Limited & PVM Innvensys	383	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.2. 1.ii	48	At the paper machine section, there must be a set of suitable printer / marker to print the unique barcodes on the top/side of every sheet at the maximum speed of machine given under annexure.	Printer speeds are possible with accuracy and readability/scannability at a maximum of 40 metres per minute; while label printer will work for 100 LPM and Tamp applicator will work at 20LPM	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP	
Bodhtree Consulting Limited & PVM Innvensys	384	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.4. 7.1.b	93	Barcode compliance: ISO/IEC 15416 standard (At least Grade B)	It is possible to meet condition based on sheet background	Barcode	Bidders are advised to propose best solution meeting the scope and SLA requirment of RFP	
Bodhtree Consulting Limited & PVM Innvensys	385	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.4. 7.1.d	93	(i)Size of barcode (including barcode + UIN (human readable) + silent zone + any others) to be applied on sheets, (ii) reams, pallets, boxes, note packets, bundles, etc. (iii)The barcode dedicated area must be free from any other type of printed pattern and larger enough to accommodate for printing and cutting tolerances. Range from 3 x 120 mm to 5 x 120 mm	5 x 120 mm is possible, however sample approval is required; Need to undertand Silent Zone	Process	Silent Zone is an area where nothing will be printed	
Bodhtree Consulting Limited & PVM Innvensys	386	SECTION VII: SCOPE OF WORK ANDTECHNICAL SPECIFICATION	1.4. 7.1.g	93	Compatibility of Bar code with CWBN paper	Sampling needed to test this	General	No, it can not be provided	

Bodhtree Consulting Limited & PVM Innvensys	387	Section XVII: Letter of Authority for attending a Pre-bid Conference/ Bid Opening	Point No 2	126	In case of pre-bid conference, self-attested copy of proof of purchase of Bid documents, in the name of the bidder must be enclosed with this authorization, without which entry would be refused. Bid documents would be available for sale at the site also.	In case bid documents are downloaded online freely, this restriction should be removed.	Legal	Not Applicable	
Business Automation Indore Private Limited	388	1.2.1 Pre-Qualification / Minimum Eligibility Criteria	A. General	104	Bidder should have valid GST registration certificate Single Bidder – Bidder Consortium / JV – All members	GST is required for billing purpose and in case of consortium/JV the lead bidder will be responsible for billing and not other members	PQ/TQ	Please refer corrigendum	
Business Automation Indore Private Limited	389			104	Bidder should have valid PAN Card Single Bidder – Bidder Consortium / JV – All members	PAN is required for billing/ payment/ commercial purpose and in case of consortium/JV the lead bidder will be responsible for commercial transactions it is also understood that tenders from other authorities like Metro Rail Corpns, NHAI, etc stipulate only lead bidder to submit all documents.	PQ/TQ	Please refer corrigendum	
Business Automation Indore Private Limited	390	SECTION III: SPECIAL INSTRUCTIONS TO TENDERERS (SIT)	GIT Clause No. 8	6	Pre Bid meeting scheduled on 10th May	The over all time was too short to go through the entire document and make travel plan due to uncertainty and corona restictions. The last date for submission of offers should be at least 60 days from the prebid meeting/issuance of final corridgendum.	Timeline	Please refer Corrigendum	Payment and Timeline has been revised
Business Automation Indore Private Limited	391	1.2 Eligibility Criteria : 1.2.1 Pre-Qualification / Minimum Eligibility Criteria :	D. Financial Standings	109	9.Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR 60 Crores.	Please make it total turnover of last three years in place of average annual turnover for lead bidder	PQ/TQ	Query evaluated but RFP conditions prevail.	
Business Automation Indore Private Limited	392	1.2 Eligibility Criteria : 1.2.1 Pre-Qualification / Minimum Eligibility Criteria :	D. Financial Standings	109	9.Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR 60 Crores.	We are a MSE with valid udyog aadhar registration No. UDYAM-MP-23-0009733, a copy is enclosed herewith, please confirm what is minium turnover required under this category after rlexation.	PQ/TQ	Please refer 1.2.1 Pre-Qualification / Minimum Eligibility Criteria and its corresponding Note	
Business Automation Indore Private Limited	393	1.2.2 Technical Evaluation Criteria	B. Financial Standings	113	Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR 60 Crores. ☐ More than 60 Crores upto 120 Crores = 10 marks ☐ more than 120 Crores upto 150 Crores = 15 marks ☐ more than 150 Crores = 20 marks	Policy Circular No. 1(2)(1)/2016-MA Dt. 10th March 2016	PQ/TQ	Please refer corrigendum	
Business Automation Indore Private Limited	394		D. Capability-Certification	114	04 Marks for each certification. Maximum marks shall be 8	Please give list of valid certificate like ISO 14000, ISO 20000, CMM3, ISO 9001 etc ISO 27001 or CMM5 is minimum requirement so please add additional certiciates	PQ/TQ	Query evaluated but RFP conditions prevail.	
Business Automation Indore Private Limited	395	SECTION I: NOTICE INVITING TENDER (NIT)		2	Closing date and time for receipt of tenders 17.05.2022 up to 14:30:00	It is a complex bid and we need minimum 90 days to coordinate with various OEMs and technology partners to make a good and competitive bid	Timeline	Please refer Corrigendum	Payment and Timeline has been revised
Business Automation Indore Private Limited	396			2	Date of Visit of BNP Dewas by bidders* 20.04.2022 at 10:30:00 Hrs	Permission for site visit (all 3 sites) after pre-bid conference is rquired to assess technical quantities requirements.	General	Please send a mail to email id mentioned in the tender document	
Business Automation Indore Private Limited	397			90	6. Payment and Timeline : The time period for completion of the project given as 12 months only	Very complex project with time consuming activities need sufficient time to deliver the expected result. Completion period for the project should be at least 36 months from the award of the contract.	Timeline	Please refer corrigendum	Payment and Timeline has been revised
Business Automation Indore Private Limited	398				Bidders Experience critrias under PQ as well as Marking System	Will experience of one consortium member be sufficient for qualification. Overall experience should be cummulative with all the consortium members or any of the concosrtium members	Legal	Please refer corrigendum	

Markss Infotech Limited	399	Section VII	Scope of Work	16	The scopes of work mentioned in this section are minimum requirements. Bidders may propose a better or more optimized solution that meets the objectives specified in this RFP.	Request you to provide exact challenges in current process	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirement as per RFP
Markss Infotech Limited	400	1.1	Design, Development and Customization	17	It is suggested that wherever applicable the Track & Trace system should be designed and developed using Open-Source technology.	Request you to please elaborate the platform	Technical	Bidder may choose any proven technology which should meet the scope of work and SLA requirement of this RFP. Please also refer Section (VII).1.1 of this RFP for more details Track and Trace application platform should have provision for open API based architecture that facilitates easy integration with and by external applications to support interoperability. In case any of the components of the solution is a COTS product, appropriately designed wrappers shall be proposed, with the feature of publishing the APIs required for integration.
Markss Infotech Limited	401	1.19	Warranty & CAMC	38	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	Request you to provide the details of expected new machine with their technical specifications to avoid any ambiguity in future	New Machine	Details to be provided later to successful bidder
Markss Infotech Limited	402	3.3	SLA	44	a. Accuracy to print / paste barcode label on sheets / reams / bundles / boxes, etc. b. Accuracy to read Barcode on sheets / reams / bundles / boxes, etc. Penalty - 1 to <=10 incidences: Rs. 5,000/- per incidence.	Printing and Reading accuracy depends on various parameters hence kindly reconsider the penalty charges	SLA	Query evaluated but RFP conditions prevail.
Markss Infotech Limited	403	1.1	General Requirement of T&T System	46	The barcode dedicated area must be free from any other type of printed pattern and larger enough to accommodate for printing and cutting tolerances.	Dedicated area for barcode on sheet will require change in pre-defined size of sheet. Hence please specify size of sheets per denomination?	Process	The size of the sheet is fixed and it cannot be changed. Barcode shall be printed as the process mentioned under RFP. Bidders are advised to carry out their own detailed assessment and measurement to check the requirement of printing bar code on sheet, reams, pallet,bundles, boxes,etc. as per the solution and RFP requirement. BNP, Dewas shall not be responsible for any incorrect measurement Or Wrong Calculation of size.
Markss Infotech Limited	404	1.1	General Requirement of T&T System	46	The system should provide accurate and independent sheets counting and tracking, reconciliation procedures, productivity and traceability data collection and track every sheet while transported inside a unit. It must perform the operations totally independently, without any connection to the press control electronics.	Independent system will make the solution offline. Real-time data will not be available for data reconciliation at EOD.	Technical	Query evaluated but RFP conditions prevail.
Markss Infotech Limited	405	1.1	General Requirement of T&T System	48	Apart from SPM, Narmadapuram, sheets are also manufactured at Bank Note Paper Mill India Private Limited (BNPMIPL), Mysore and supplied to BNP-Dewas and CNP-Nashik. The BNPMIPL is also in process of printing barcodes on the sheets manufactured by them. The proposed Track and Trace solution at BNP-Dewas and CNP-Nashik should have provision to read barcodes printed on sheets coming from BNPM, Mysore.	Barcodes to track will initiate from Narmadapuram and Mysore both. Hence barcode location and size on sheets received from Mysore will be an integral part of the Track and Trace Solution. Request you to consider and provide the details of barcodes details at Mysore plant.	Mysore	As mentioned under the RFP, the barcode of each sheet must be unique and contains information about denomination, batch number and sequential number within the batch, etc..
Crown Worldwide Pvt. Ltd.	406	VII	1.10 > D > e	29	Real-time Unit-wise status of currency notes printing	What is the definition of Unit-wise status?	Dept	Unit in this case is referred to BNP-Dewas, CNP-Nashik and SPM- Narmadapuram, DC-Noida and DR-Hyderabad
Crown Worldwide Pvt. Ltd.	407	VII	1.10 > D > j	29	Machine Speed – (Batch-wise, machine-wise, shift-wise, day-wise, etc.)	How do we get the machine speed? Is there an integration capability/opportunity to get the machine speed? In the absence of integration with the machines, either the machine speed needs to be entered manually or we need to add another sensor on the machine to help capture the speed	Process	In old machine there is no provision to get the machine speed however bidder may get to know the speed in some of the new machines. Hence, Bidders are advised to carry out their own detailed assessment for machine speed. Information will be shared with Successful bidder.

Crown Worldwide Pvt. Ltd.	408	VII	1.10 > D > k	29	OVI / CSI ink consumption - (Batch-wise, machine-wise, shift-wise, day-wise, etc.)	How do we get the OVI/CSI ink consumption? Is there an integration capability/opportunity to get the ink consumption data? In the absence of integration with the machines, the ink consumption will need to be entered manually.	Process	A provision in HMI to be provided to enter the values manually. Alternatively better solution may be provided.	
Crown Worldwide Pvt. Ltd.	409	VII	1.10 > D > l	29	Intaglio plate utilization - (Batch-wise, machine-wise, etc.)	How do we get the Intaglio plate utilization? Is there an integration capability/opportunity to get the plate utilization data? In the absence of integration with the machines, the plate utilization will need to be entered manually.	Process	Please refer corrigendum	
Crown Worldwide Pvt. Ltd.	410	VII	1.17 > B > d	34	Detection of sheet anomalies through sensors	We assume that with reference to the T&T project, sheet anomalies means sheets that either did not have a bar code on it, or it was a wrong sheet or wrong pile. Is our assumption correct?	Process	Please refer Clause no (4) (1.1) (m) of this RFP	
Crown Worldwide Pvt. Ltd.	411	VII	4 > 1.1 > m	47	The system should be able to detect any sheet processing anomaly and generate a programmable (PLC) signal which may be connected to the sheet-feeder to stop the feeding of sheets and allow for intervention of the operator. However, there should not be any damage to existing machine electronics. Any support required from machine's OEM, will be in bidder's scope. Note: Typically detected anomalies are double sheet, lost sheet, wrong sheet, wrong delivery pile, blue trial paper mixed to watermark banknote paper and similar conditions.	So, when it comes to detecting anomalies, Our system could identify wrong sheets, lost sheets and wrong piles, but cannot identify double sheet. Will the integration with the machine give us the data on double sheets?	Process	Yes, it is possible but it is SI's responsibility to coordinate with existing OEM for the same. Proposed solution shall have the capability to trace double sheets as mentioned in the RFP.	Double sheet is removed
Crown Worldwide Pvt. Ltd.	412	VII	4 > 1.1 > y	47	Track & trace system should perform material management of key items & collect the data for all the raw materials used for manufacturing at every stage of the printing process to improve the quality & productivity like: a. The system should have the provision to record/capture the ink consumption at different stage of printing at BNP and CNP b. The system should have the provision to record/capture Plate's consumption at different stage of printing at BNP and CNP	How do we get the OVI/CSI ink consumption and Intaglio plate utilization? Is there an integration capability/opportunity to get this data? In the absence of integration with the machines, this data will need to be entered manually.	Process	A provision in HMI to be provided to enter the values manually. Alternatively better solution may be provided.	
Crown Worldwide Pvt. Ltd.	413	VII	4 > 1.1 > bb	48	Apart from SPM, Narmadapuram, sheets are also manufactured at Bank Note Paper Mill India Private Limited (BNPMIPL), Mysore and supplied to BNP-Dewas and CNP-Nashik. The BNPMIPL is also in process of printing barcodes on the sheets manufactured by them. The proposed Track and Trace solution at BNP-Dewas and CNP-Nashik should have provision to read barcodes printed on sheets coming from BNPM, Mysore.	Our bar codes will follow a proper process on parent child relationships and data analogies. Will the bar coder at BNPMIPL use our logic to print the bar codes? During our visit we were explicitly told that these sheets will not have any bar coding on them and we will have to provide necessary machinery to get these sheets bar coded before they enter the production zone.	Mysore	The BNPMIPL is in process printing bar codes on sheet, it may have different logic for bar code printing. The proposed Track and Trace solution at BNP-Dewas and CNP-Nashik should have a provision to read barcodes printed on sheets coming from BNPM, Mysore. In case sheets do not have Bar codes printed on them, the same shall be printed as per clause (1.3).(3)-(iii) and (1.4).(3)-(iii) Please refer corrigendum	The Sensors/Camera/Scanner to be supplied by bidders under the Track and Trace solution should be capable to read 1D barcode and 2D barcode both
Crown Worldwide Pvt. Ltd.	414	VII	4 > 1.2 > 1, 2	48	Paper Machine Section, Rewinder section	During our visit to Narmadapuram, it was suggest to us by the experts that it would be more productive if the sheets were bar coded in the sheeter machine. So, can we remove the section 1 from our scope? We could use the SAP data to build the history from the sheet to the mother roll.	SPM	Please refer Corrigendum for updated process	

Crown Worldwide Pvt. Ltd.	415	VII	4 > 1.2 > 3 > i	50	Child webs to be issued to Sheeter Section from Good-Web Reel Area storage location (GWRA). SAP Touchpoints: ☐ The T&T should cross check with SAP Production Order for Denomination, Quantity, etc and issue child webs on FIFO basis (else error message should be raised for intervention of higher authority to clear with reason recording) ☐ Child webs are issued to Sheeter Section through SAP 51 Movement Code: MIGO: 261 Good Issue-Semifinished web ☐ Update stock of Child webs accordingly in T&T and SAP	The T&T system will not have the ability to validate the FIFO status of the child web and will need to take the data from SAP with due integrity and begin the process from the sheeter section.	Process	Please refer Corrigendum for revised Scope	Revised scope
Crown Worldwide Pvt. Ltd.	416	VII	4 > 1.2 > 3 > ii	51	The machine shall be equipped with suitable readers/ sensors to detect on which of the Delivery Points / Reject Gate / Sample Tray the machine is releasing each sheet	What is the purpose of the sample tray? Is this a manual process? is this the same that is defined in (vi)?	Process	The purpose of the sample Tray is to take out sheets for quality check. In this case, sheets are delivered in sample tray after pressing of a button. Whereas in case of (vi). Sheets are taken out manually from good delivery pile for quality check.	
Crown Worldwide Pvt. Ltd.	417	VII	4 > 1.3 > 6 > vi	62	The system should be provisioned about the sequence of serial numbers to be printed on the sheets of a batch in order to control/check that they are correctly printed.	The sequence of serial numbers; is this something we can get from SAP? If not what is the process of getting these sequence numbers?	Process	Bidders are advised to carry out their own study, further , details shall be discussed during SRS stage	
Crown Worldwide Pvt. Ltd.	418	VII	4 > 1.3 > 7 > iii	65	The system must provide the user interface to enter the details of any wrong-cut sheet/note, so that exact information of replaced Hand numbered / Star mark notes against the wrong-cut or spoil notes can be entered.	We believe that in this section we will not be able to read the bar code, as the side lay has already been cut. To help identify the wrong cut sheet, we will need to use a note scanner. Is this assumption correct?	Process	Bidders are advised to carry out their own study as per their solution requirement prior to bid submisison	
LUCID IMAGING PVT LTD	419	Design, Development and Customizatio n	1.1, p	17	The application source code is to be maintained in a centralized source code repository at DC, Noida and any changes in the code should be monitored through Version Control System to maintain accountability and appropriate audit trails. Any associated cost related to the same shall be borne by SI.	We kindly request SPMCIL to remove this point as source code is IP of Company.	Legal	Query evaluated but RFP conditions prevail.	
LUCID IMAGING PVT LTD	420	IIOT based solution for monitoring key parameter	1.5	23	IIOT based solution for monitoring key parameter	The IIOT related requirements do not blend with Track & Trace requirements. Customer is requested to clarify.	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter for RFP requirement	
LUCID IMAGING PVT LTD	421	IIOT based solution for monitoring key parameter	1.5 (a)	23	SI shall be responsible for installation, deployment, and maintenance of all necessary IIoT sensors and other peripheral devices at unit level/machine level (wherever applicable). The end-to-end IIoT solution shall be provided by SI under Track and Trace project.	Where to measure key parameters – on machine or at section level? Customer has experienced staff and should be responsible to suggest key-point on machine /at unit to install respective IIOT sensor.	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter for RFP requirement	
LUCID IMAGING PVT LTD	422	IIOT based solution for monitoring key parameter for monitoring key parameter	1.5 (e)	23	It is the responsibility of SI to generate various meaningful insights from the data generated from IIoT sensors to improve the overall efficiency of existing process. Analytics tools required for such reports shall be under bidder's scope.	Customer is asking to monitor humidity, temperature and energy consumption. Are there absolutely no other machine and / or external parameters that can affect the production quality and machine efficiency? If yes, data collected from mentioned IIOT sensors are not adequate and not useful to assertively improve production quality and machine efficiency.	IIOT	Please refer 1.10. Dashboard, Report and Analytics and 1.5. IIOT based solution for monitoring key parameter for RFP requirement	
LUCID IMAGING PVT LTD	423	IIOT based solution for monitoringke y parameter	1.5 (g)	23	Following are some indicative reports to be provided by SI through IIoT -* Ad Hoc reports as per the user requirement to be generated by SI	This is very general statement -Can SPMCIL be more specific as to what is needed? This will help determine the cost of the requirement.	Dashboar d	Please refer section 1.5. IIOT based solution for monitoring key parameter along with section 1.10. Dashboard, Report and Analytics for indicative requirement.	

LUCID IMAGING PVT LTD	424	General Requirement of T & T System	1.1- h	46	The sensors should be able to read barcodes, not only in transmitted light, but also in transparency and reflected, wherever applicable. To allow readability in transparency, the barcode area must be free from any printing on both sheet sides.	Type of illumination to get the best results should be decided by SI	Technical	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP
LUCID IMAGING PVT LTD	425	SPM- Paper Machine Section	1) ii	48	At the paper machine section, there must be a set of suitable printer / marker to print the unique barcodes on the top/side of every sheet at the maximum speed of machine given under annexure. The barcode should contain details such as Calendar year, Denomination, Roll No., Web No., Stack No, Sheet ID, etc.	It is only possible to print the unique barcodes post calendaring and before winding. Therefore, it is implied that any wastage whilst the paper is getting formed (until calendaring) will not be tracked. Please confirm.	SPM	Please refer Corrigendum for updated process
LUCID IMAGING PVT LTD	426	SPM- Paper Machine Section	vii	49	Semi-Finished Reel / Pope Reels / Jumbo Rolls to be returned by Paper Machine Section as below: · Semi-Finished Reels are returned to Pope Reel storage location (POPE) · Spoiled-Paper-With-thread are returned to Pope Reel storage location (POPE) · Spoiled-Paper-Without-thread are returned to Broke Handling Area (BRHA) storage location	We understood from the plant operator that it should be PORE instead of POPE	SPM	It is just a nomenclature for SAP storage location.
LUCID IMAGING PVT LTD	427	SPM- Rewinder Section	2 (ii)	50	At the feeding point of rewinder machine, there should be a set of scanners and printers for all three lanes to read and print barcodes * If a barcode has not been printed by paper-machine, the barcode printer at Rewinder shall print the barcode at each of the three lanes with sufficient length on the edge (side-lay-edge) of every blank sheet at the maximum speed of rewinder mentioned in annexure.	Printing at speeds of 600 MPM (maximum operation speed of slitter – rewinder) is not practical. We need to limit the printing of the barcodes on the Paper making machine only. Please confirm.	SPM	Please refer Corrigendum for updated process
LUCID IMAGING PVT LTD	428	SPM- Rewinder Section	iv	50	The system should have provision to support following manual operations to ensure 100% accountability of sheet: a. Manual movements of paper from piles to check the quality of paper by operator. b. Transfer of paper samples from the machine/section to the QC lab/Paper Testing Lab) & receive tested paper returned from the lab.	We could know from the plant staff that this process doesn't exist in the rewinder section and we kindly request BNP to remove this point	SPM	Query evaluated but RFP conditions prevail.
LUCID IMAGING PVT LTD	429	SPM- Sheeter Section	vi	51	The system should have provision to support following manual operations to ensure 100% accountability of sheet: a. Manual movements of sheets from piles to check the quality of paper by operator. b. Transfer of paper samples from the machine/section to the QC lab/Paper Testing Lab) & receive tested paper returned from the lab.	We could know from the plant staff that this process doesn't exist in the sheeter section and we kindly request SPMCIL to remove this point	SPM	Query evaluated but RFP conditions prevail.
LUCID IMAGING PVT LTD	430	SPM- Sheeter Section	vii	51	Spoil Paper sheets are returned to Spoiled Sheet (RSSA) storage location.	We could know from the plant staff that this process doesn't exist in the sheeter section and we kindly request SPMCIL to remove this point	SPM	Please refer Corrigendum for updated process
LUCID IMAGING PVT LTD	431	SPM – Manual Counting Section	4) ii	52	Quality Suspected Sheets: - Replacement of erroneous sheets with good sheets to ensure 500 good sheets per ream.Quantity Suspected Sheets: - Addition/removal of extra sheets to ensure 500 sheets per ream.	We could know from the plant staff that Quality Suspected Sheet replacement process doesn't exist in the Manual Counting section and we kindly request SPMCIL to remove this point Quantity Suspected Sheet only addition of extra sheet is done to ensure 500 sheets per ream.	Process	Query evaluated but RFP conditions prevail.
LUCID IMAGING PVT LTD	432	BNP/CNP - Offset Section	iii	55, 72	If a barcode has not been printed on sheets, the suitable barcode printer will print the barcode with sufficient length on the top of the sheet, on its side lay side of every blank sheet at the at feeding point of offset printing.	Printing barcode in case missing barcode (on banknote papers) can create two different unique ID's to a particular sheet in following case:- 1) reverse feed in Offset machine 2) mis-oriented feed in Offset machine Barcode printing on Offset machine should be limited to paper lot without any prior barcode printing i.e., material from some other paper manufacturer. Also let SI determine the suitable position to print and read barcode	Process	System need to indentify the sheets without bar code and has to print the Barcode. However the bidder is free to propose better solution as per the RFP requirment.

LUCID IMAGING PVT LTD	433	BNP/CNP-Offset Section	v	56,72	The offset machine shall be equipped with a sheet input sensor to differentiate between un-watermarked (blue trial paper) and watermarked paper under transparency condition & if it is un-watermarked paper then shall not print the barcode on un-watermarked paper. Both type of sheets (watermarked and un-watermarked) should be counted separately.	SI can decide appropriate lighting to detect if sheet is un-/watermarked.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP	
LUCID IMAGING PVT LTD	434	BNP/CNP-Offset Section	vi	56, 72	The offset machine shall be equipped with suitable readers/ sensors to detect on which of the output piles / reject gate the machine is releasing each sheet.	SI can decide where to equip the required readers / sensors.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP	
LUCID IMAGING PVT LTD	435	BNP/CNP-Offset Section	vii	56, 72	The T & T system should be able to detect any sheet processing anomaly and generate an alarm/ signal to stop the feeding of sheets and allow for intervention of the operator. General detected anomalies are double sheet, lost sheet, wrong sheet, wrong delivery pile, un-watermarked trial sheet mixed with watermarked sheet, spoil sheets are fed again, etc.	The T&T system can only detect the sheets passing through the machine and the location of the piles where the sheet is routed (AG – Pile 1 or Pile 2, Defect pile). The T&T system can differentiate between watermark and BTP sheets. The system can detect lost sheets. The T&T system cannot detect sheet processing anomalies such as wrong delivery pile, double sheet, wrong sheet, wrong delivery pile, spoil sheets that are fed again (because it will already have barcode and feeding again will cause overprinting of another code) There are wide range of machine used across all the three SPMCIL plant. While SI will explore first how to interface with given machine, plant maintenance / engineering team also is requested to provide necessary support to SI.	Process	This is to be discussed and finalized at SRS stage. However, T&T system should be able to reconcile input and Output at the end of every shift as per the requirment mentioned under RFP	
LUCID IMAGING PVT LTD	436	BNP/CNP-Intaglio Section	ii	57, 74	The Intaglio machine shall be equipped with a sheet input sensor to differentiate between un-watermarked (blue trial paper) and watermarked paper under transparency condition. Both type of sheets (watermarked and un-watermarked) should be counted separately.	SI can decide appropriate lighting to detect if sheet is un-/watermarked.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP	
LUCID IMAGING PVT LTD	437	BNP/CNP-Intaglio Section	iii	58, 74	There should be a scanner at the feeding point of intaglio machine to read the barcode. The scanner should read the barcode at the maximum speed of the machine as given in annexure.	Barcode printed on sheet side would be facing downward in feeding point. Let SI decide the suitable position for Barcode reader.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP. **Please refer Corrigendum for more details about process flow**	Process flow
LUCID IMAGING PVT LTD	438	BNP/CNP-Number Printing Section	6.iii	62, 78	The T&T system must create a parent-child link between the unique barcode of each sheet with the serial no of all the bank notes printed from this sheet for backward traceability.	SI should be allowed decide whatever appropriate method to read / infer banknote Serial Number.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP	
LUCID IMAGING PVT LTD	439	BNP/CNP-Number Printing Section	iv	62, 78	The T&T System to keep record for sequential/random/star numbered sheets. System should be able to cross check the numbering pattern (sequential/random/star) with the machine. System should raise alert in case of any mismatch/discrepancy.	This requirement calls for inspecting the full sheet image with a camera system at speeds upto 10000 SPH and reading the serial numbers from the image and crosschecking with the numbering pattern. Is our understanding correct?	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
LUCID IMAGING PVT LTD	440	BNP/CNP-Number Printing Section	vi	62, 78	The system should be provisioned about the sequence of serial numbers to be printed on the sheets of a batch in order to control/check that they are correctly printed.	This requirement calls for checking if the numbers are correctly printed. This calls for inspecting the full sheet image with a camera system at speeds upto 10000 SPH and reading the serial numbers from the image and crosschecking with the numbering pattern. Is our understanding correct?	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
LUCID IMAGING PVT LTD	441	BNP/CNP-Number Printing Section	x	63, 79	The software application should support the possibility to show to the operator the complete image of a sheet for random checking. The operator should have the possibility to certify the numbering sequence and quality of the S/Ns by clicking on each S/N of the shown sheet. The application should then be able to store, on the centralized data server, the image of the sheet and the name of the operator who certified it.	In order for the sheet image to be examined by the operator manually, we believe that a resolution of 250 DPI is needed so that each individual serial number can be properly examined. Further, due to data storage limitation it is necessary to understand the number of sheets that will be randomly checked. We believe that a maximum of 50 sheets per machine per shift will need to be randomly examined. Please confirm the above points	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
LUCID IMAGING PVT LTD	442	BNP/CNP-FIN 2 Section	ii	66, 84	Handheld Barcode Scanner to read barcode manually	It should read Banknote Serial Number as barcode is no more available on finished banknotes. Please confirm.	Process	Please refer Corrigendum	Bidders are required to propose a most suitable reader to read Bank note serial number.

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LUCID IMAGING PVT LTD	443	BNP/CNP-BPS & Cutlink	iv	66, 84	A unique barcode for complete bundle (classification wise i.e. Denomination prefix, Governor, Inset letter, year) should be inserted / pasted on the bundle. Note: Original code of sheet will be mapped to the bundle batch code and paste the barcode over the shrink wrap bundle.	BPS is finished banknote inspection machine. There is no barcode available on the banknote. SI needs to install Serial Number reader inside BPS2000 machine to read SN of each banknote routed to different delivery pockets (may be at feeder also). This is in order to enlist banknote SN belonging to particular bundle. Is our understnading correct	Process	The input of Cutlink and BPS machine is numbered sheet,hence Barcode will be available at the Feeder point		
LUCID IMAGING PVT LTD	444	Bar Code Specification	7.1 (e)	93	The barcode should be suitable for various sheet sizes of different denominations Min. 400 x 475 mm & Max. 800 x 840 mm	User may have to manually adjust position and configure all the printers and scanners, cameras to be supplied under the tender scope as per the position of barcode / SN for the on-going production. Please confirm	Process	Any adjustment and configuration with respect to change over should be done automatically based on the command with minimal manual intervention.		
LUCID IMAGING PVT LTD	445	Handheld Bar Code Reader / Scanner	7.4 (c)	95	The barcode scanner should be compatible with Android 6.0 or above	Why necessary to have device compatibility with Android only. Let SI choose the part that is suitable with proposed T&T system.	Technical	Please refer Corrigendum	Bidder is free to choose any standand and proven technolgy which should meet the Scope of Work and SLA requirment of RFP	
LUCID IMAGING PVT LTD	446	Handheld Bar Code Reader / Scanner	7.4 (d)	95	It should have atleast following features: · Alpha-numeric keypad · 4" WVGA (480*800), 16M colors · 1.3 GHz quad-core, · WLAN, 802.11 a/b/g/n, Bluetooth 4.0, BLE · 2GB+16GB Memory · 8 MP camera Auto focus camera with Flash · Li-Ion Battery 4200mAh, Battery run time at least 12 hours on full charge, should support quick charge	Is there a specific model that SPMCIL is referring to? If so, please provide this. Otherwise, please let SI choose the part that is suitable with proposed T&T system.	Technical	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP		
LUCID IMAGING PVT LTD	447	Bar Code Reader / Scanner	b	94	The Code scanner should be able to read barcodes, not only in transmitted light, but also in transparency and reflected, wherever applicable	SI can decide appropriate lighting to achieve the purpose.	Process	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to proposed a most suitable solution meeting the requirment as per RFP		
LUCID IMAGING PVT LTD	448	CNP/BNP-Cut Pack Section	vi	83	The T & T system should perform reconciliations at the end of each shift (Machine-wise, Section-wise and Note-side*) and should have facility to generate final report for the signature/approval of a supervisor.	There is lot of Manual Intervention for bundle replacement etc. Customer should ensure that operator follows standard procedure provided by the SI.	Dept	Query evaluated but RFP conditions prevail.		
LUCID IMAGING PVT LTD	449	Format for Authorizatio n by OEM to provide services based on their products	8	145	Format for Authorization by OEM to provide services based on their products	Getting authorization letter from each component manufacturer used in the overall system is not possible.	Legal	Query evaluated but RFP conditions prevail.		
LUCID IMAGING PVT LTD	450	Payment and Timeline		90	Milestone		General	Query not Clear		
LUCID IMAGING PVT LTD	451	Payment and Timeline			Phase I - Solution Design		General	Query not Clear		
LUCID IMAGING PVT LTD	452	Payment and Timeline			Project Initiation	We request SPMCIL to increase the Timeline to T + 6 weeks. There is a need for multiple site visits, interviewing section-wise representative to accurately capture business and user requirements.	Timeline	Please refer corrigendum	Payment and Timeline has been revised	
LUCID IMAGING PVT LTD	453	Payment and Timeline			Design Phase	We request SPMCIL to consider T+10 weeks	Timeline	Please refer corrigendum	Payment and Timeline has been revised	
LUCID IMAGING PVT LTD	454	Payment and Timeline			Phase II - Implementation & Roll-out		Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised	
LUCID IMAGING PVT LTD	455	Payment and Timeline			Delivery of Track and Trace system for User Acceptance Test (UAT)	Kindly requesting SPMCIL to consider T + 52 weeks. Long lead-time of hardware due to semiconductor shortage, pre-dispatch inspection is tedious as the BOM is huge.	Timeline	Please refer corrigendum	Payment and Timeline has been revised	
LUCID IMAGING PVT LTD	456	Payment and Timeline			Completion of User Acceptance Testing (UAT)	Kindly requesting SPMCIL to consider T + 104 weeks. Setup of staging environment at two different plants (Narmadapuram and Dewas) is a mammoth effort. After civil, mechanical and electrical setup, there are follow-ups like T&T - SAP integration, internal testing, initial demonstration & training to section-wise users, incorporating change requests etc. will take longer.	Timeline	Please refer corrigendum	Payment and Timeline has been revised	
LUCID IMAGING PVT LTD	457	Payment and Timeline				We also request SPMCIL to consider 50% of CAPEX payment at this stage as SI is investing a huge amount in hardware and setting up the infrastructure and this needs to be paid accordingly.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised	
LUCID IMAGING PVT LTD	458	Payment and Timeline			Delivery of Track and Trace system for Pilot testing / run (at same production lines as UAT)	We Kindly request SPMCIL to consider T+ 106 weeks.	Timeline	Please refer corrigendum	Payment and Timeline has been revised	

LUCID IMAGING PVT LTD	459	Payment and Timeline			Successful completion of Pilot run	We request SPMCIL to revise to T+ 114 weeks. Tender demands pilot test shall be conducted for 30 days that itself is ≥ 5 weeks.	Timeline	Please refer corrigendum	Payment and Timeline has been revised
LUCID IMAGING PVT LTD	460	Payment and Timeline				Successful Pilot run confirms suitability of solution and capability of SI, hence requesting to amend payment to 20% of CAPEX. SI assumes the lead-time between barcode printing at Narmadapuram and dispatching of finished notes out of this sheet at BNP / CNP is less than 25 working days. This will allow SPMCIL and SI to witness end-to-end testing.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
LUCID IMAGING PVT LTD	461	Payment and Timeline			Complete Application Roll out at all the units	Kindly requesting to amend payment terms to 10% of CAPEX as additional hardware supply and infrastructure is accomplished by SI. Also, to amend timeline to T+134 weeks.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
LUCID IMAGING PVT LTD	462	Payment and Timeline			Final Acceptance Testing (FAT), and Solution Go-Live	FAT duration is not found in the tender document. Kindly confirm on the same. Also kindly requesting to amend Timeline as T+136 weeks and Payment as 10% of CAPEX.	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
LUCID IMAGING PVT LTD	463	Payment and Timeline			Phase III – ISO-27001		General	Query is not Clear	
LUCID IMAGING PVT LTD	464	Payment and Timeline			ISO 27001:2018 - Compliance and Certification	Auditing for compliance of system, resolving any NCs, and getting certification for geographically 5 different sites would take time. On an average about 3 weeks/site. Kindly requesting to amend timeline to T+151 weeks	Timeline	Please refer corrigendum	Payment and Timeline has been revised
Arpan Infrasolutio n Pvt. Ltd.	465	1.10 Dashboard, Reports & Analytics	Additiona l			We suggest department to sought for a Data Analytics platform which can provide single glass pane view of all their Security, IT & OT Devices.	Dashboar d	Query evaluated but RFP conditions prevail	
Arpan Infrasolutio n Pvt. Ltd.	466	7.6 IT Infra Specification	Additiona l			We suggest department to sought for a Data Analytics platform which can able to do IT monitoring of their IT Infrastrucure viz Servers, Storage, Firewall, Switch etc in terms of availablity, performance etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	467	7.6 IT Infra Specification	Additiona l			We suggset department to sought for a Data Analytics Platform which can do Secuirty Monitoring of the IT infrastrucutre by ingest logs from various devices like Servers, Firewalls, Load Balancer, Switches, Routers etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	468	7.6 IT Infra Specification	Additiona l			We suggest department to sought for a Data Analytics Platform which have a capability to ingest Events, Logs, Metrics & traces for monitoring purpose. Platform must be able to index all IT data from any application, server or network device including logs, configurations, messages, traps and alerts, metrics and performance data without any custom adapters for specific formats so that the user have end to end visibility of the ecosystem.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	469	7.6 IT Infra Specification	Additiona l			We suggest to sought for a Data Analytics Platform which natively have ML capabilities and should not have separate engine/compute requirements for running ML models.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	470	1.10 Dashboard, Reports & Analytics	Additiona l			We suggest department to sought for a Data Analytics platfrom which can do Real time predictive analytics across IT, OT & IoT sources.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	471	7.6 IT Infra Specification	Additiona l			We suggest department to sought for a Data Analytics Platform which should have a capability of SAP KPI Monitoring.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	472	7.6 IT Infra Specification	Additiona l			We suggest department that proposed data analytics platform should be built on purely unsupervised machine learning and should monitor all users and all assets in the customer environment or Data Center.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	473	1.10 Dashboard, Reports & Analytics	Additiona l			We suggest that Data Analytics platform should be built on distributed architecture with Big Data platforms e.g. Hadoop data nodes, control nodes, elastic search nodes, and packet processor to classify & correlate logs with Speed, Accuracy & Focus.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	474	1.10 Dashboard, Reports & Analytics	Additiona l			We suggest that department should go with a Data Analytics Platform which should have capability of conducting detailed analytics, business intelligence analytics, machine learning, pattern analysis, trends & spikes, anomaly detection, etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	475	1.10 Dashboard, Reports & Analytics	Additiona l			We suggest that Data Analytics must be able to support predictive analytics to predict future values of single or multi-valued fields. This will help department to predict the attack patterns or specific attacks using multiple fields in the alerts or logs.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	

Arpan Infrasolutio n Pvt. Ltd.	476	1.10 Dashboard, Reports & Analytics		Additiona l		We suggest that the Data Analytics Platform must possess built-in function for Predictive Analysis which can uses historical data as a baseline to forecast future patterns, thresholds and tolerances. It should also have the ability to identify the future needs of critical system resources, no prior knowledge in predictive modeling algorithms required to use this functionality, and the ability to easily interpret and customize the results.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	477	7.6 IT Infra Specification		Additiona l		We suggest department to sought for a Data Analytics Platform which should able to combine infrastructure data with SAP data through which customers can get end-to-end visibility into the health and performance across all SAP business operations and identify unforeseen bottlenecks.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	478	7.6 IT Infra Specification		Additiona l		We suggest department to sought for a Data Analytics platform which can ingest events from any existing SIEM and can in turn do Machine learning enabled predictive analytics on the ingested events.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Arpan Infrasolutio n Pvt. Ltd.	479	7.6 IT Infra Specification		Additiona l		We suggest department to sought for a Data Analytics platform which has capability to ingest events from any existing EMS and can in turn do Machine learning enabled predictive analytics on the ingested events.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
RACOMM ENGINEER S PVT. LTD	480	In Scope of work	Point number 1.9	Page No. 25	they have mentioned resource has to work 16X7 or 24 X 7.	Do we need to consider buffer resources as every resource expects atleast 1 day off in a week.	Manpowe r	Please refer Corrigendum	B. Warranty and CAMC Phase: Number of resources BNP, Dewas (Track and Trace Expert)-4 CNP, Nashik (Track and Trace Expert)-4 SPM, Narmadapuram (Track and Trace Expert)-6 Note- Minimum 2 resource per shift should be maintained by SI all the time
RACOMM ENGINEER S PVT. LTD	481	In Scope od work	Point No 7.6	Page Number 99 & 100	Next Generation firewall and IPS/IDS device	we have to consider separate or we can consider IPS license on Firewall.?	Technical	Please refer Corrigendum	
RACOMM ENGINEER S PVT. LTD	482	In Scope od work	Point no 1.6	Page Number 23	We have to consider DC- DR automation/failover tool as they have not mentioned anything IN DETAILS about it.	Current 6 Mbps bandwidth (Between DC-DR) is not sufficient to achieve expected RPO/RTO. We will calculate the required Bandwidth and suggest them with justification.	Technical	Please refer Corrigendum	Primary Bandwidth has been enhanced to 20 Mbps per link capacity with Active Passive link at the respective Unit locations. Secondary bandwidth link is 2 Mbps.
Splunk Inc.	483	1.10 Dashboard, Reports & Analytics	Addition al			We suggest department to sought for a Data Analytics platform which can provide single glass pane view of all their Security, IT & OT Devices.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	484	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics platform which can able to do IT monitoring of their IT Infrastrucure viz Servers, Storage, Firewall, Switch etc in terms of availablity, performance etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	485	7.6 IT Infra Specification	Addition al			We suggset department to sought for a Data Analytics Platform which can do Secuirty Monitoring of the IT infrastrucutre by ingest logs from various devices like Servers, Firewalls, Load Balancer, Switches, Routers etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	486	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics Platform which have a capability to ingest Events, Logs, Metrics & traces for monitoring purpose. Platform must be able to index all IT data from any application, server or network device including logs, configurations, messages, traps and alerts, metrics and performance data without any custom adapters for specific formats so that the user have end to end visibility of the ecosystem.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	487	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics Platform which natively have ML capabilities and should not have separate engine/compute requirements for running ML models.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	488	1.10 Dashboard, Reports & Analytics	Addition al			We suggest department to sought for a Data Analytics platfrom which can do Real time predictive analytics across IT, OT & IoT sources.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	

Splunk Inc.	489	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics Platform which should have a capability of SAP KPI Monitoring.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	490	7.6 IT Infra Specification	Addition al			We suggest department that proposed data analytics platform should be built on purely unsupervised machine learning and should monitor all users and all assets in the customer environment or Data Center.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	491	1.10 Dashboard, Reports & Analytics	Addition al			We suggest that Data Analytics platform should be built on distributed architecture with Big Data platforms e.g. Hadoop data nodes, control nodes, elastic search nodes, and packet processor to classify & correlate logs with Speed, Accuracy & Focus.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	492	1.10 Dashboard, Reports & Analytics	Addition al			We suggest that department should go with a Data Analytics Platform which should have capability of conducting detailed analytics, business intelligence analytics, machine learning, pattern analysis, trends & spikes, anomaly detection, etc.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	493	1.10 Dashboard, Reports & Analytics	Addition al			We suggest that Data Analytics must be able to support predictive analytics to predict future values of single or multi-valued fields. This will help department to predict the attack patterns or specific attacks using multiple fields in the alerts or logs.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	494	1.10 Dashboard, Reports & Analytics	Addition al			We suggest that the Data Analytics Platform must possess built-in function for Predictive Analysis which can uses historical data as a baseline to forecast future patterns, thresholds and tolerances. It should also have the ability to identify the future needs of critical system resources, no prior knowledge in predictive modeling algorithms required to use this functionality, and the ability to easily interpret and customize the results.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	495	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics Platfrom which should able to combine infrastructure data with SAP data through which customers can get end-to-end visibility into the health and performance across all SAP business operations and identify unforeseen bottlenecks.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	496	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics platform which can ingest events from any existing SIEM and can in turn do Machine learning enabled predictive analytics on the ingested events.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Splunk Inc.	497	7.6 IT Infra Specification	Addition al			We suggest department to sought for a Data Analytics platform which has capability to ingest events from any existing EMS and can in turn do Machine learning enabled predictive analytics on the ingested events.	Dashboar d	Bidders are advised to carry out their own detailed assessment prior to bid submission. Bidders are required to propose the most suitable solution meeting the requirement as per RFP	
Telecommu nications Consultants India Limited	498	SECTION I: NOTICE INVITING TENDER (NIT)	Clause no.: 04	Page no.: 03	For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a) Account Payee Demand Draft or b) Fixed Deposit Receipt or c) Banker's cheque In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored.	You are requested to include the BG mode for EMD submisison and modified the clause as: For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a) Account Payee Demand Draft or b) Fixed Deposit Receipt or c) Banker's cheque d) Bank Guarantee In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored.	Financial	Please refer Section III: SIT 12: Earnest Money Deposit for details. The same condition will prevail.	
Telecommu nications Consultants India Limited	499	Corrigendum 02		Page no. 01	Pre bid conference meeting will be on 19.05.2022 & 20.05.200 at 10.30	Please clarify following things: 1. Will the Meeting be held both the days: 2. What is the venue of meeting?Any chances for virtual meeting. 3.Please inform us the days regarding site surveys. Can we do survey after pre bid meeting.	General	1. Pre bid meeting was held on 19 May 2. It was held in Dewas 3. Yes, please send a mail to BNP, Dewas	
Telecommu nications Consultants India Limited	500				Sale price of documen	What is the sale price of tender doucment? Tender fee is to be paid by cash/DD.	Financial	Tender fees is NIL. Please refer corrigendum for details	Tender along with corrigendum shall be made available on the "https://www.mstcecommerce.com/ ". The bidder needs to register and submit the bid on the MSTC portal only. No hardcoy shall be accepted.
Telecommu nications Consultants India Limited	501	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1.4	page no.: 21	The SI shall be responsible for establishing server rooms at all three locations which includes all the required cabling, civil, instrumentation, mechanical, electrical, Non-IT works, UPS, etc	Is CCTV survillance and biometrics acess control require in Server room? Please provide the server room size details also .	Technical	Bidders are required to setup server room as per best industry practises. Required size of server room can be communicated by successful bidder later to BNP, dewas and other units.	

Telecommu nications Consultants India Limited	502	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1.11. Training and Capacity Building	P-30	Based on the roles and responsibilities of BNP-Dewas, CNP-Nashik and SPM-Narmadapuram employees, a role-based training approach shall be imparted by SI. Capacity Building will include the following: • Imparting training as per the Training Need Analysis (TNA). • Trainings will be imparted to all levels of BNP-Dewas, CNP-Nashik and SPM-Narmadapuram employees. • Prepare and organize training programs to facilitate the efficient usage of new system. • Training shall encompass the knowledge of basic functionality of solution and other back-end processes. • Training shall also be provided for basic troubleshooting activities in case of problems. • User Manuals, presentations and videos to be developed to promote self-learning and assist training participants in undergoing the training. • There would be mechanisms to capture feedback of training programs conducted to gauge the effectiveness of instruction and make improvements if required. • Refresher trainings to be provided by onsite team on quarterly basis.	Please clarify that who will be responsible for providing Training infra like Laptop , Room space etc.	Training	Room and Furniture for training shall be provided by units, rest arrangement shall be done by SI	
Telecommu nications Consultants India Limited	503				Pre-qualification Bid, Techno-commercial bid and Price Bid are to be submitted in Three Separate Envelopes on or before the due date of the submission of the tender as stated below otherwise tender / bid /quotation shall be liable for rejection.	Bid is to be submitted in hardcopy to client. You are requested please allow e-bidding.	Dept	Please refer corrigendum	Tender along with corrigendum shall be made available on the "https://www.mstcecommerce.com/". The bidder needs to register and submit the bid on the MSTC portal only. No hardcoy shall be accepted.
Telecommu nications Consultants India Limited	504	Section VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	6. Payment and Timeline	Page no.: 91	☐ Successful completion of Pilot Testing by BNP and other stakeholders and issuance of certificate for the same- 15 % of capex cost	Pilot run include 01 production line in each SPM, Narmadapuram and BNP, Dewas, alongwith installation of DC and DR hardware. Therefore it is requested that payment terms may be revised as below: UAT of Track n trace application: 05% of capex. Pilot run: 35% of capex Gpo Live: :50% Iso 27001: 10%	Payment	Please refer Corrigendum for revised payment terms.	
Bodhtree Consulting Limited & PVM Innvensys	505	1.15 User Acceptance Testing	Point C.ii	32	Setting up of Staging environment for UAT in data center and installation and commissioning of all necessary infra (Hardware, Software, Scanner, Reader, Sensors, IOT devices, etc.) at one complete production line at both SPM, Narmadapuram and BNP, Dewas.	Is CERT-IN required during setting up of development/ staging servers ? The SI should supply the complete DC/DR infra at this stage?	security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.

Bodhtree Consulting Limited & PVM Innvensys	506	1.17 Pilot Roll out A. Entry Conditions of Pilot	Point A.b	34	a. Security audit certification from Cert-In empaneled agency .	CERT-In can only be done once the application is ready for Go-Live; for Pilot CERT-IN to be exempted and can be done local instead of DC CERT-In to be done by SPMCIL designated agencies / empanelled agencies. CERT-IN cost to be borne by SPMCIL There will be application rework once CERT-IN vulnerabilities are identified as per the report; so this timeline should be included in the milestone delivery timeline	security Audit	Please refer Corrigendum	Before UAT, the SI shall carry out comprehensive internal security testing and performance testing of the entire application. The SI shall be responsible for getting the complete internal security audit done prior to the Pilot through their own tools Note- Security audit from Cert-In empaneled agency shall be carried out prior to deployment of application in DC-Noida production environment setup by SI and cost for the security audit from third party shall be borne by BNP, Dewas. SI shall have to provide all the necessary support to third party in successful completion of security audit.
Bodhtree Consulting Limited & PVM Innvensys	507	1.17 Pilot Roll out B. Exit Conditions of Pilot	Point B.a	34	Generation of barcode from software	a. Generation of unique serialed alphanumeric 16 characters 2D Barcode/QR Code from the software	Barcode	Please refer Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	508		Point B.b Point B.c	34	b. Printing of Bar code on Sheets, Reams, Pallets, Bundles, Boxes, etc. as per machine speed c. Scan the Barcode through devices as per maximum machine speed	Machine speed cannot be matched by the barcode printers as all the machine speeds are many times more. Scanners may be able to capture, but this has to be field verified on the line; there could be scanning jumps as well This can be achieved in a different method, based on the proposed solution by this bid submitting SI	Process	Bidder may suggest the best suitable solution meeting the end objective of project but existing cycle time to complete the process and manpower of units should not be increased	
Bodhtree Consulting Limited & PVM Innvensys	509		Point D.d	34	Detection of sheet anomalies through sensors	Capture of sheet anomalies through sensors	Process	Query evaluated but RFP conditions prevail. Also, refer Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	510		Point B.j	34	Compliance of the SLAs as mandated in this RFP	SLAs are not active till production roll out or go-live clearance is given by the SPMCIL SLAs are not applicable in UAT / Pilot stage of the project	SLA	Please refer Clause 3.3 Service Levels Agreement	
Bodhtree Consulting Limited & PVM Innvensys	511	1.18 Final Acceptance Test (FAT)	Point D	35	All equipment's must be installed at project sites	All equipment's must be installed at project sites as per the specification and project requirement	General	Yes, Understanding is correct	
Bodhtree Consulting Limited & PVM Innvensys	512	1.19 Warranty & Comprehensive Annual Maintenance contract	Point c	35		RFID reading distance for the RFID tag? Passive RFID tags proposed? No. of RFID in/out gates ? No. of RFID gates for vaults? Reems manual scanning is requried at vaults as per present process - will SPMCIL plan for extra manpower to do this activity for material in/ out at the vaults? No. of barcode prints on each sheet - is it one on obverse and one reverse or one + one (top & bottom) on obverse and one + one (top and bottom) on reverse the number of barcodes printed will change according to the prints / per sheet mentioned	Barcode	Please refer Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	513	1.2 Proposed process flow of SPM Narmadapuram	Point 1.ii and iii	48	VOITH – CWBN Paper Machine	The machine here is PASABAN, RFP correction	SPM	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	514	1.2 Proposed process flow of SPM Narmadapuram	Point 1.vi and vii	48		Jumbo Roll to be weighed RFID tag for the Jumbo Roll and RFID tag re-use for Jumbo Roll movement? No of RFID tags required for Jumbo Roll and Child Rolls? Are RFID tags within the SPM Narmadapuram reused? Or shredded once they are used? Weigh Mother / Jumbo roll and compare with child roll and arrive at paper waste (bulk) Shredding policy for RFID once its used , it should be unique SOP for RFID	SPM	Please refer Corrigendum for updated process	

Bodhtree Consulting Limited & PVM Innvensys	515	2. Rewinder Section	Point 2.v	50	System should carry out the reconciliation of the Pope Reels and Child webs w.r.t total number of barcodes read at input and output end of the machine.	total number of barcodes read at input and output end of the machine.	SPM	Please refer Corrigendum for updated process	
Bodhtree Consulting Limited & PVM Innvensys	516	3. Sheeter Section	Point 3.i	50	Child webs to be issued to Sheeter Section from Good-Web Reel Area storage location (GWRA). SAP Touchpoints:　　　□ The T&T should cross check with SAP Production Order for Denomination, Quantity, etc and issue child webs on FIFO basis (else error message should be raised for intervention of higher authority to clear with reason recording)　　　□ Child webs are issued to Sheeter Section through SAP Movement Code: MIGO: 261 Good Issue-Semifinished web　　　□ Update stock of Child webs accordingly in T&T and SAP	Child roll track process\nNumber of Cylinders for child web and Jumbo role.\nLifecycle Usability of RFID\nStorage Section of Jumbo rolls / child rolls?	SPM	Please refer Corrigendum for updated process	
Bodhtree Consulting Limited & PVM Innvensys	517	3. Sheeter Section	Point 3.ii	51	The machine shall be equipped with suitable readers/ sensors to detect on which of the Delivery Points / Reject Gate / Sample Tray the machine is releasing each sheet	Point not clear? Is this just a mention of the present process? Pls clarify	SPM	Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
Bodhtree Consulting Limited & PVM Innvensys	518	4. Manual Counting Section	Point 4.ii	52		SI will process solution with necessary hardware for this process	IT Infra	Yes, understanding is correct. Solution should not increase manpower and complete processing cycle time.	
Bodhtree Consulting Limited & PVM Innvensys	519	Offset Section	Point 3.ii	55	There should be a scanner / sensor on each offset machine to detect whether a barcode is already printed on the sheet or not.	It should be done before offset , as offline process	Process	Query evaluated but RFP conditions prevail	
Bodhtree Consulting Limited & PVM Innvensys	520		Point 3.vi	56	The offset machine shall be equipped with suitable readers/ sensors to detect on which of the output piles / reject gate the machine is releasing each sheet.	Explain this point? Challenge	Process	Bidder may carry out site visit to understand the process	
Bodhtree Consulting Limited & PVM Innvensys	521		Point 3.vii	56	The T & T system should be able to detect any sheet processing anomaly and generate an alarm/ signal to stop the feeding of sheets and allow for intervention of the operator. General detected anomalies are double sheet, lost sheet, wrong sheet, wrong delivery pile, un-watermarked trial sheet mixed with watermarked sheet, spoil sheets are fed again, etc.	Sensors to detect sheet anomalies?\nMay be deleted or reparhse	Process	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	522	Intaglio Section	Point 4.iii	58	There should be a scanner at the feeding point of intaglio machine to read the barcode. The scanner should read the barcode at the maximum speed of the machine as given in annexure.	SI will provide solution with necessary hardware for this process	Process	Yes, Understanding is correct	
Bodhtree Consulting Limited & PVM Innvensys	523	Number Section	Point 6.v	62	The T&T system shall have a printer at the delivery of numbered sheet in numerota section & have the capability to print a unique auto-generated batch (contains all information regarding serial number of notes for all 100 sheets) on the first sheet from the bunch of 100 sheets so that system shall receive all information regarding 100 sheets barcode & serial note numbers by reading a single batch.	Challenge : Integration with UNO machine; Is OEM willing to share the PLC details and allow PLC interface for T&T SI	Process	Please refer Corrigendum	Existing make and model of PLC are enclosed as Annexure
Bodhtree Consulting Limited & PVM Innvensys	524	Cut-Pack Section	Point 7.v	65	A unique barcode for complete bundle (classification wise i.e. Denomination prefix, Governor, Inset letter, year) should be inserted / pasted on the bundle.\nNote: Original code of sheet shall be mapped to the bundle code and paste the barcode over the shrink-wrapped bundle	Challenge : at which stage Code should be kept on the bundle	Process	Bidder may carry out site visit to understand the process	

Bidder	No.	Section	Point	Page	RFP Clause	Query	Category	Response	Remarks
Bodhtree Consulting Limited & PVM Innvensys	525	BPS & Cut-Link	Point 9.ii	67	The system should be capable to read the unique barcode of every sheets from the bunch of 100 sheets or capable to read the unique auto-generated batch which is printed in numerota section for 100-100 sheets, at the feeding point of cutlink followed by BPS.	Do sheets come to BPS or only cut notes will come to BPS?	Process	Sheets come to BPS section	
Bodhtree Consulting Limited & PVM Innvensys	526	5. Design Principles for Track and Trace System	Point 5.a	89	a. Scalable	*(To achieve scalability as required by SPMCIL)* The T&T application should provide unlimited vertical and horizontal hierarchy mapping	Barcode	Query is not clear	
Bodhtree Consulting Limited & PVM Innvensys	527	5. Design Principles for Track and Trace System	Point 5.a	89	a. Scalable	*(To achieve scalability as required by SPMCIL)* The T&T application should use Digital Mass Encryptions (DME) for unique serialization of 2D barcode / QR code	Barcode	Bidder may propose the best suitable solution to achieve scope of work and SLA mentioned in the RFP	
Bodhtree Consulting Limited & PVM Innvensys	528	II Implementation & Roll Out		91	Delivery of Track and Trace system for Pilot testing / run (at same production lines as UAT)	Need to add timeline for security cert.	Timeline	Please refer corrigendum	Payment and Timeline has been revised
Bodhtree Consulting Limited & PVM Innvensys	529	III ISO 27001		92	ISO 27001:2018 standard - Compliance and Certification from authorized agency as per Section 1.13 - Certification	Need to increase the overall delivery timelines from T+52 as per revised estimate as mentioned above	Timeline	Please refer corrigendum	Payment and Timeline has been revised
Bodhtree Consulting Limited & PVM Innvensys	530	7.1 Bar Code Specification	7.1 a	93	Suggested type of coding	2D/QR Code as per GS1 standards ISO/IEC 15415 (for 2D barcode / QR code) Surface area for currency printing. Top and bottom area remaining for printing code? 16-Char alphanumeric code for security and scalability - to avoid repetition; 16-char alphanumeric code will ensure the barcode is not easily duplicated or copied or counterfeited; security breach can be avoided What is the actual printing area - mention sheet dimension wise	Barcode	Please refer Corrigendum	
Bodhtree Consulting Limited & PVM Innvensys	531	7.2 Barcode Marker / Printer	7.2 c	94	The barcode should be dissolvable during re-pulping/re-cycling and should not have any adverse effect of broke pulp or paper quality.	Need to confirm usage of bleaching powder in the present recycle process of SPM Narmadapuram	SPM	Bleaching powder is not used in the present recycle process of SPM Narmadapuram.	
Bodhtree Consulting Limited & PVM Innvensys	532	1.2 Eligibility Criteria	1.2.1 Minimum / Eligibility Criteria	107	Bidder*/Consortium Members* shall be either proprietary firm/ Limited Liability Partnership (LLP)/Company/Partnership/ (Legal Entity) registered under relevant regulations in India. Single Bidder – Bidder Consortium / JV– All members	Should be updated to Any	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
Bodhtree Consulting Limited & PVM Innvensys	533	B. Experience & Past Performance	Point B.5	107 108	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .	Bidder/ or any Consortium Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
Bodhtree Consulting Limited & PVM Innvensys	534	1.2.2. Technical Evaluation Criteria		112	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing.	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution in any of the below areas : Manufacturing or Security Paper Printing. (Hardware is always supplied as consortium by other OEMs / vendors)	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	

Bodhtree Consulting Limited & PVM Innvensys	535	1.2.2. Technical Evaluation Criteria		112	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing.	*ONE project experience with Integration of T&T and SAP System should be included keeping in view of the extensive SAP mentioned all throughout the RFP with SAP touch points in every functional process of T&T* *Scoring can be indicated accordingly by SPMCIL after considering the above very important requirement for the participating bidder*	PQ/TQ	Query evaluated but RFP conditions prevail.	
Bodhtree Consulting Limited & PVM Innvensys	536	B. Financial Standings	Point B.3	113	Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR *60 Crores*. • *More than 60 Crores upto 120 = 10 marks* • *more than 120 Crores upto 150 Crores = 15 marks* • *more than 150 Crores = 20 marks*	Average annual turnover of the bidder's firm during last three years period ending 31.03.2021 should be more than INR *60 Crores*. • *More than 60 Crores upto 90 = 10 marks* • *more than 90 Crores upto 120 Crores = 15 marks* • *more than 120 Crores = 20 marks* *(Due to COVID-19 and business disruption, the above change is requested)*	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
Bodhtree Consulting Limited & PVM Innvensys	537	Machine Information		156 to 161		Please provide PLC make, model, year details for each OEM equipment as mentioned in the RFP	Process	Please refer Corrigendum	Existing make and model of PLC are enclosed as Annexure
Bodhtree Consulting Limited & PVM Innvensys	538	5. Design Principles for Track and Trace System	Point 5.g.a	90	a. The system shall be compliant to OPC Protocols.	Please provide PLC make, model, year details for each OEM equipment as mentioned in the RFP (T&T system should be compliant to handshake with PLCs)	Process	Please refer Corrigendum	Existing make and model of PLC are enclosed as Annexure
Bodhtree Consulting Limited & PVM Innvensys	539	5. Design Principles for Track and Trace System	Point 5.g.a	90	a. The system shall be compliant to OPC Protocols.	Please provide PLC make, model, year details for each OEM equipment as mentioned in the RFP (T&T system should be compliant to handshake with PLCs)	Process	Please refer Corrigendum	Existing make and model of PLC are enclosed as Annexure
Bodhtree Consulting Limited & PVM Innvensys	540	Queries for details not covered in RFP				Need compressor 80psi for label applicator tamp; can SPMCIL provide compressed air for the project besides power for printer? How should the SI take electric power for the equipment - underground cabling or surface on the floor or aerial? How should the equipment be installed? Grouting on the floor is required. Kindly confirm. Is there any floor vibration details due to heavy offset machine running? this detail is required as printers should not have vibration interference. Present conveyors will have additional line conveyors for T&T system; how can SPMCIL support this - permission is given during the night shift? or during NO production days? This re-engineering time delays from SPMCIL should be exempted from the standard deilvery timelines and associated SLAs and penalties on SI	IT Infra	1. BNP, Dewas/SPMCIL shall not provide the compressed air, SI needs to make own arrangement 2. Bidder may carry out field visit to understand the same	
XtraNet Technologies Private Limited	541	SECTION I: NOTICE INVITING TENDER (NIT)	Point 4 (EMD Related)	3	For MSE firms: "Bid Security Declaration. For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a) Account Payee Demand Draft or b) Fixed Deposit Receipt or c) Banker's cheque In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored.	Looking into the value of EMD, We request to please relax this criteria for the medium enterprises also under MSME category. And for non MSE firms please add option of BG (Bank Guarantee). This will bring competitive bids. The Revised Clause should be: "For *MSME firms*: "Bid Security Declaration. For non MSE firms: Rs. 75, 00,000/- in either of the following form:- a) Account Payee Demand Draft or b) Fixed Deposit Receipt or c) Banker's cheque d) *Bank Guarantee* In favour of "The General Manager, Bank Note Press, Dewas" Payable at Dewas, failing which the offer will be ignored. "	Legal	Query evaluated but RFP conditions prevail.	

XtraNet Technologies Private Limited	542	SECTION VI: LIST OF REQUIREMENTS	7. FALL CLAUSE	14	7. FALL CLAUSE: The BIDDER undertakes that it has not supplied / is not supplying similar product / systems or sub-systems at a price lower than that offered in the present bid in respect of any other Customer/Organization and if it is found at any stage that similar products / systems or sub- systems was supplied by the BIDDER to any entities at a lower price than that very price with due allowance for elapsed time will be applicable to the present case and the difference in the cost would be refunded by the BIDDER to the BUYER if the contract has already been concluded.	The T&T solution is consist of multiple component (Hardware & Software) which belongs to different OEMs and its respective cost can not be controlled. Hence we request to please remove this clause.	Legal	Query evaluated but RFP conditions prevail.	
XtraNet Technologies Private Limited	543	SECTION VI: LIST OF REQUIREMENTS	9. AFTER SALES SUPPORT	15	9. AFTER SALES SUPPORT: The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of at least 10 years from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid.	OEM component and its respective support policy can not be controlled by the bidder. Hence there should be standard warranty of maximum 5 years instead of 10 years. The revised clause should be: "9. AFTER SALES SUPPORT: The supplier shall provide technical support for the system/machine and make available all required spares and consumables for a period of *at least 05 years* from the date of expiry of warranty period. Written commitment should be submitted in this regard along with technical bid."	Legal	Please refer corrigendum	BNP, Dewas reserves the right to extend the duration of the project up to 10 years. The terms and conditions of the RFP will be remained same during the extended period and the cost of the extension period shall be paid to a bidder on a pro-rata basis
XtraNet Technologies Private Limited	544	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.1. Design, Development and Customization	17	p. The application source code is to be maintained in a centralized source code repository at DC, Noida and any changes in the code should be monitored through Version Control System to maintain accountability and appropriate audit trails. Any associated cost related to the same shall be borne by SI.	Please revise this criteria of Source Code due to the following reason: In case of the COTS product; source code are the property of the OEM, hence only the customized part of the solution should be handed over and core source code will be kept into the DC of client with DLL/Secure Console.	Technical	Query evaluated but RFP conditions prevail.	
XtraNet Technologies Private Limited	545	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.7. Centralized Helpdesk Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract. The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase. This helpdesk must be compliant to the ITIL guidelines and standards. The help desk should be setup from the Pilot launch of the project.	Please specify if you have any preferences on the helpdesk solution or please eliminate the ITIL Compliances in order to save the cost and over all impact on the budget of the project. The revised clause should be: "SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract. The SI need to provide necessary ticket logging system for the entire duration of Warranty and CAMC phase. The help desk should be setup from the Pilot launch of the project. "	Helpdesk	Bidders are advised to refer the Section VII clause 1.7 for a detailed scope of work	
XtraNet Technologies Private Limited	546	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	1.11. Training and Capacity Building	30	User Manuals, presentations and videos to be developed to promote self-learning and assist training participants in undergoing the training.	In our understanding the training will be Self-learning mode only. Please confirm. Please specify the number of participants?	Training	1. Please refer Clause 1.11. Training and Capacity Building for more details 2. To be decided and finalized after SI's onboarding	
XtraNet Technologies Private Limited	547	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICATION	3. Service Level Agreement (SLA) > 3.3 Service Levels Agreement	45	Part C: SLA for deployment and availability of Manpower: 2. Nonreporting - SI needs to ensure that onsite resource shall not take any leave without prior approval from BNP/ CNP/ SPM/ SPMCIL and need to ensure the alternate arrangement. Rs. 5000/- per day per resource for each nonreporting day	We request to please consider the Casual Leaves for an event or situation that occurs by chance and without any plan for the betterment of the resources. Also the penalty is very higher side so we request to reduce the same. The revised clause should be: "2. Nonreporting - SI needs to ensure that onsite resource shall not take any leave (*besides the leave assigned to them, like Casual Leave*) without prior approval from BNP/ CNP/ SPM/ SPMCIL and need to ensure the alternate arrangement. *Rs. 1000/- per day* per resource for each nonreporting day (*besides the leave assigned to them, like Casual Leave*)"	SLA	Query evaluated but RFP conditions prevail.	

XtraNet Technologies Private Limited	548	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	3. Service Level Agreeme nt (SLA) > 3.3 Service Levels Agreeme nt	45	Part C: SLA for deployment and availability of Manpower: 3. Replacement of Resources For every resource replaced by the firm beyond the 20% of the total number of resources deployed in a year.	There is no control of the bidder in some cases like "Resignation or Death of the resources" so we request to please revise this clause as below: "3. Replacement of Resources For every resource replaced (*Excluding the cases of Resignation or Death or any uncontrollable event*) by the firm beyond the 20% of the total number of resources deployed in a year."	SLA	It shall be evaluated on case to case basis
XtraNet Technologies Private Limited	549	SECTION VII: SCOPE OF WORK AND TECHNICAL SPECIFICAT ION	6. Payment and Timeline	90	6. Payment and Timeline	Due to diffrene OEM (Hardware & Software) dependencies and supply related component the upforn cost of the same will be provided to the OEMs. hence we request to please relax the payment terms as below: 1 - Solution Design: T + 3 weeks & T + 8 weeks - NIL 2- Implementation & Roll-out: T + 22 weeks (*30% of CAPEX Cost*) & T + 26 weeks (*30% of CAPEX Cost*) & T + 28 weeks & T + 34 weeks (*20% of CAPEX Cost*) & T + 46 weeks & T + 48 weeks (*10% of CAPEX Cost*) 3 - ISO-27001: T + 52 weeks - (*10% of CAPEX Cost*) 4 - Warranty: 12 months 5 - CAMCL: 6% of the price quoted for OPEX	Payment	Please refer Corrigendum for revised payment terms.	Payment and Timeline clauses have been revised
XtraNet Technologies Private Limited	550	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2 Eligibilit y Criteria 1.2.1 Pre-Qualifica tion / Minimu m Eligibilit y Criteria	107	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QI/RFID/Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas: Manufacturing or Security Paper Printing. .	This criteria is very specific and will call the limited parties, hence we request to please relax this criteria a little so that a completive bids can be entered into the participation. It should be revised as below: "Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum *4 Crore Barcode/QR/RFID/Any other similar mechanism* in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware."	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
XtraNet Technologies Private Limited	551	1.2.2 Technical Evaluation Criteria	1.2.2 Technica l Evaluati on Criteria	112	Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum 8.5 Crore Barcode/QR/RFID/ Any other similar mechanism in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware in any of the below areas : Manufacturing or Security Paper Printing. Scoring Criteria: ☐ One (1) Project = 10 marks ☐ Two (2) Projects = 20 marks ☐ More than 2 Projects = 30 marks	With reference to the above caluse this will impact at here and would be required following revision: Bidder/Lead Bidder should have experience of executing at least one similar kind of project successfully including minimum *4 Crore Barcode/QR/RFID/ Any other similar mechanism* in a year during last 05 years ending 31/03/2021 for Track & Trace Solution including software and hardware. Scoring Criteria: ☐ Project with supply of 4 Crore *Barcode/QR/RFID/ Any other similar mechanism* = 10 marks ☐ Project with supply of 6 Crore *Barcode/QR/RFID/ Any other similar mechanism* = 20 marks ☐ Project with supply of 8 Crore *Barcode/QR/RFID/ Any other similar mechanism* = 30 marks	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	
XtraNet Technologies Private Limited	552	SECTION IX: Bid Evaluation Methodology and Qualification Criteria	1.2 Eligibilit y Criteria 1.2.1 Pre-Qualifica tion / Minimu m Eligibilit y Criteria	108	Bidder/Consortium Member should have experience of executing at least one successful project of Software Development/Customization/ Configuration of SAP ERP during the last 05 years ending 31/03/2021.	We are requesting to please revise the clause as below: "Bidder/Consortium Member should have experience of executing at least one successful project of *Implementation/Customization/ Configuration* of *Software Development/ERP/SAP ERP* during the last 05 years ending 31/03/2021."	PQ/TQ	Query evaluated but RFP conditions prevail.	
XtraNet Technologies Private Limited	553	1.2.2 Technical Evaluation Criteria	1.2.2 Technica l Evaluati on Criteria	112	Bidder/Consortium Member should have experience of executing at least one successful project of Software Development / Customization / Configuration of SAP ERP during the last 05 years ending 31/03/2021. ☐ One (1) Project = 10 Marks ☐ Two (2) Projects = 20 Marks ☐ More than 2 Projects = 30 Marks	With reference to the above caluse this will impact at here and would be required following revision: "Bidder/Consortium Member should have experience of executing at least one successful project of *Implementation/Customization/ Configuration of Software Development/ERP/SAP ERP* during the last 05 years ending 31/03/2021" ☐ One (1) Project = 10 Marks ☐ Two (2) Projects = 20 Marks ☐ More than 2 Projects = 30 Marks	PQ/TQ	Query evaluated but RFP conditions prevail. Please refer Corrigendum for other PQ/TQ related amendments	

XtraNet Technologie s Private Limited	554	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1. SCOPE OF WORK > 1.1. Design, Develop ment and Customi zation	16	d. SI shall be responsible for detailed understanding of the existing SAP process (including functional and Technical requirements). SI shall have to coordinate with SPMCIL- IT Team in Delhi / DC Team in Noida for the same.	Can you please schedule a prebid VC for the detailed understanding?	Dept	Pre bid was meeting held on 19th May 2022 in Dewas	
XtraNet Technologie s Private Limited	555	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1. SCOPE OF WORK > 1.4. Supply, Installati on and Commiss ion of Track and Trace Solution (along with Infra) at units	21	c. The SI shall be responsible for establishing server rooms at all three locations which includes all the required cabling, civil, instrumentation, mechanical, electrical, Non-IT works, UPS, etc. Necessary rooms for setting-up of server rooms shall be provided by respective units in their premises. SI to adhere with best practices for designing and setup of Server room at each unit.	Work should be specific and listed like AC & Other Appliances are required in terms of server room setup and civil work?	Technical	Bidders are required to setup server room as per best industry practises. Required size of server room can be communicated by successful bidder later to BNP, dewas and other units.	
XtraNet Technologie s Private Limited	556	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1. SCOPE OF WORK > 1.8. Quality Assuranc e and Exceptio n Handling	25	SI should have to keep the necessary spares onsite at all the units for immediate replacement in case of any breakdown. However, Penalties shall be imposed as applicable	With reference to this statement, do we need to keep all the hardware related to DC, DR & Unit level server room in the standby? Suggestion: It should not be mandate to keep them in the Units itself. This will be a cost for the bidder/SI. The bidders who belongs to same state (Madhya Pradesh) should be relaxed from this condition as this can mange by such bidders.	Technical	Query evaluated but RFP conditions prevail.	
XtraNet Technologie s Private Limited	557	SECTION V: SPECIAL CONDITION S OF CONTRACT (SCC)	SECTIO N V: SPECIAL CONDIT IONS OF CONTRA CT (SCC)	11	SCC - 3: Insurance: As the supplier has to deliver the material on FOR BNP Dewas Basis therefore the cost of the insurance will also the part of the total cost of the material borne by the supplier.	Please confirm if this insurance is for the supply/transmission purposes only? In case of the insurance for through out the life cycle of the material. it should be cost to the BPN Dewas only, as after supply the ownership will be transmitted to the client.	Legal	Query evaluated but RFP conditions prevail. Also, Please refer corrigendum	
XtraNet Technologie s Private Limited	558	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1. SCOPE OF WORK > 1.7. Centraliz ed Helpdes k Setup	24	SI shall be responsible for setting up a helpdesk which should be operational 24 x 7 as per client's calendar. Tickets shall be logged and updated by the helpdesk agent via all modes including Voice calling, Email support, Web help or any other new channel launched during the course of the contract.	Please specify the location for the Help Desk, Number of Licenses & Resources are required for the same?	Helpdesk	Please refer Corrigendum	Helpdesk should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement
XtraNet Technologie s Private Limited	559	SECTION VII: SCOPE OF WORK ANDTECHNI CAL SPECIFICAT ION	1. SCOPE OF WORK > 1.14. Integrati on of New Pulp Plant and Paper Machine with SAP through SCADA	32	This requirement of integrating New Pulp Plant and Paper Machine with SAP through SCADA can be taken up by SI separately in Phase-2 of this project after completion of T&T system FAT.	Please clarify; The support for this SAP integration will be provided by client/your team? And the T&T solution will be implemented by the bidder with SAP integration?	Technical	Please refer 1.2. Integration with Existing SAP ERP and its corresponding note	

XtraNet Technologies Private Limited	560	General Query				Please clarify; Printing Machines and related process printing machine are not the part of the BoQ.		Query is not clear	
XtraNet Technologies Private Limited	561	General Query				Please allow the pre-bid meeting in the online mode as well for the better conveniance of the prospective bidders.		Pre bid was meeting held on 19th May 2022 in Dewas	
SARA INFOWAY	562	SECTION - VII	1. Scope of Work,	Pg. No. 17	l. The system should be designed and developed with high redundancy to ensure	**As the tender is asking for 100% accuracy and uptime, which is not possible; will 99.9 or nearby acceptable**			
SARA	563	SECTION - VII	1. Scope	Pg. No. 17	l. The system should be designed and	How will the uptime measured			
SARA INFOWAY ITES INDIA PVT LTD	564	SECTION - VII	1. Scope of Work, 1.18. Final Acceptance Testing (FAT), Z.	Pg. No. 38	**gg.hh**. 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	**Need to quantify the quantity and timelines as the sensors etc may totally vary from machine to machine**	Condemned machines	It will be provided to successful bidder	
SARA INFOWAY ITES INDIA PVT LTD	565	SECTION - VII	1. Scope of Work, 1.18. Final Acceptance Testing (FAT), B.	Pg. No. 35	**b.** Construction of Server rooms including necessary cabling, civil, instrumentation, mechanical, electrical, Non-IT works, etc. at all three units shall be completed before FAT.	**We want information on the current setup/ location drawings**			
SARA INFOWAY ITES INDIA PVT LTD	566	SECTION - VII	1. Scope of Work, 1.16. Third Party and Security Audits, E.	Pg. No. 33	**e**. SI shall conduct regular security audits for T&T application using their own tools for proactively identifying and fixing any security vulnerabilities.	**This is for 1 or 1+4 years?**			
SARA INFOWAY ITES INDIA PVT LTD	567	SECTION - VII	1. Scope of Work, 1.14. Integration of New Pulp Plant and Paper Machine with SAP through SCADA, D.	Pg. No. 32	**d**. This requirement of integrating New Pulp Plant and Paper Machine with SAP through SCADA can be taken up by SI separately in Phase-2 of this project after completion of T&T system FAT	SCADA is not part of bid, what is phase2?	SPM	Details are provided in section 1.14. However, The requirements mentioned in the section are indicative. Bidders are advised to carry out the detailed assessment (including field visit at SPM, Narmadapuram) pertaining to the integration of machines with SAP, prior to submission of the bid.	
SARA INFOWAY ITES INDIA PVT LTD	568	SECTION - VII	1. Scope of Work, 1.7. Centralized Helpdesk Setup	Pg. No. 24	1.7. Centralized Helpdesk Setup	Is the helpdesk on site or remote?	Helpdesk	Please refer Corrigendum	Helpdesk should be setup at One centralized location. The location for the same shall be confirmed to the bidder prior to signing of agreement

SARA INFOWAY ITES INDIA PVT LTD	569	SECTION - VII	1. Scope of Work, 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR, K.	Pg. No. 19	k. VPN access for only staging and development zone shall be provided to the SI team and same should be considered with NGFW. However, there should not be any VPN access of the production environment to the SI and all the changes in this environment shall be carried out via using direct SPMCIL network only.	Can the bidder work during after project on the development and staging servers remotely through VPN?		
SARA INFOWAY ITES INDIA PVT LTD	570	SECTION - VII	1. Scope of Work, 1.3. Supply, Installation and Commissioning of IT infrastructure at DC and DR, H.	Pg. No. 19	h. SI shall need to augment the storage immediately, once it reaches the utilization of 70%.	Can we get more details?		
SARA INFOWAY ITES INDIA PVT LTD	571	SECTION - VII	1. Scope of Work, 1.2. Integration with Existing SAP ERP.	Pg. No. 18	Note: *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, customizations, configuration in existing SAP.	Please specify	Process	Query not Clear
SARA INFOWAY ITES INDIA PVT LTD	572	SECTION VI	4. Security Deposit	Pg. No. 14	4. Security Deposit: If the value of the purchase order will exceed Rs. 1, 50,000/- then the firm on whom purchase order will be placed will have to submit 3% of the total cost of the purchase order	Can it be exempted for MSME bidder?	Legal	Please refer corrigendum for more clarity
SARA INFOWAY ITES INDIA PVT LTD	573	SECTION III	SIT 4	Pg. No. 7	SIT 4: Wherever GST is applicable, the following may be noted	100% GST should be paid on delivery		
SARA INFOWAY ITES INDIA PVT LTD	574	SECTION - VII	1.2. Integration with Existing SAP ERP	Pg. No. 17	1.2. Integration with Existing SAP ERP	Discussion on SAP integration		Query not Clear
SARA INFOWAY ITES INDIA PVT LTD	575	SECTION IX	CONDITIONS FOR MICRO AND SMALL ENTERPRISES (MSEs)	Pg. No. 110	CONDITIONS FOR MICRO AND SMALL ENTERPRISES (MSEs)	For MSME organisations, you have exempted for turnover and experience criteria, will the bidder get marks for the same?	Legal	Please refer corrigendum for more clarity

SARA INFOWAY ITES INDIA PVT LTD	576	SECTION - VII	4. Functional Requirement and Process flow of proposed system, 1.1. General Requirement of T & T System	Pg. No. 46	k. The system should create necessary Parent-Child relationships within Barcodes to establish product backward traceability across packaging hierarchy i.e., Reams, Pallets / Boxes, etc. at SPM, Narmadapuram and Note Bundles, Boxes, Batches, etc. at BNP, Dewas and CNP, Nashik.	Please specify the **current Parent child relationships** for sheets, reams, pallets and boxes as Category 1 and Category 2 as sheets, paper, notes, bundles, boxes – (even if its manual or non-existent) provide us with information flow of these as it exists today ?	Process	Please refer Corrigendum	Annexure for Defination
SARA INFOWAY ITES INDIA PVT LTD	577	SECTION - VII	SCOPE OF WORK ANDTECHNICAL SPECIFICATION	Pg. No. 16	SCOPE OF WORK	Please share the latest **changed requirements SOW** ?	Process	Please refer Corrigendum	
SARA INFOWAY ITES INDIA PVT LTD	578	SECTION - VII	4. Functional Requirement and Process flow of proposed system	Pg. No. 46	1.1. General Requirement of T & T System	Can we run the barcode printing process separately just before the first offset printing process?	Process		
SARA INFOWAY ITES INDIA PVT LTD	579	SECTION - VII	4. Functional Requirement and Process flow of proposed system	Pg. No. 46	1.1. General Requirement of T & T System	Can we assume all Papers from Mysore will not have Barcode printed on them ?	Mysore	Currently Papers from Mysore will not have Barcode.	
SARA INFOWAY ITES INDIA PVT LTD	580	SECTION - VII	4. Functional Requirement and Process flow of proposed system	Pg. No. 46	1.1. General Requirement of T & T System	Do you want us to store the removed Barcode cut from the paper during the Note cutting process ?	Process		
SARA INFOWAY ITES INDIA PVT LTD	581	SECTION - VII	3. Service Level Agreement (SLA)	Pg. No. 41	3.1 General SLA conditions	Please Confirm **Availability SLA norms** for Product replacement due to wear and tear ? It is mentioned as 100 % and we would assume it excludes mandatory scheduled maintenance windows and time taken to visit the site /security clearances if any.	SLA		
SARA INFOWAY ITES INDIA PVT LTD	582	SECTION - VII	B. Warranty and CAMC Phase	Pg. No. 26	Troubleshoot and Resolve issues related to Track and Trace System	Can we provide Remote support (Telephonic or Internet Video call options) for troubleshooting ?			

| SARA INFOWAY ITES INDIA PVT LTD | 583 | | | | | We are assuming **any interface enablement** help needed to get machine data from Super Simultan 212, Currency LT Komori, Super Orlof Intaglio, Currency Intaglio Color, Super Numerota 212, Cutpack, Cutlink, Rewinder, BPS-2000, will come from respective vendors and SPMCIL will enable the same. | Process | The bidder needs to install a separate system to get the details of each sheet. | |
| | | SECTION - VII | 4. Functional Requirement and Process flow of proposed system | Pg. No. 48 | Proposed Process Flow | | | | |