



Minutes of the Pre-Bid Meeting - Request for Proposal (RFP) for Design, Supply, Installation, Testing and Commissioning of Banknote Shredding and Briquetting Systems (SBS)

e-Tender No: [RBI/Central Office/DCM/3/22-23/ET/534](#)

The Pre-bid meeting for the captioned e-tender was held on January 24, 2023 at 1100 HRS IST in the Department of Currency Management, RBI Mumbai, to discuss some clauses of the tender and to [clarify queries](#) raised by the Global EOI qualified applicants/prospective bidders. The meeting was attended by the following:

Independent External Monitor: Shri D.P. Sinha

Representatives of the Bank

- i. Smt. K. Nikhila, RD, Hyderabad
- ii. Shri Sanjeev Prakash, CGM
- iii. Shri P K Gupta, GM
- iv. Smt. Hema Chatterjee, DGM
- v. Shri Naveen Chaudhary, AGM
- vi. Shri Ravi Kumar Gupta, Manager
- vii. Shri Kirtivardhan Singh, Manager

Representative of the Vendors

- i. Shri M S Suresh, G+D
- ii. Shri Jayanta Kar, G+D
- iii. Shri Deepak Singhal, G+D
- iv. Shri Ferdinand Storek, G+D (online presence)
- v. Shri George Abraham, G+D
- vi. Shri Shashvat Mehta, G+D
- vii. Shri Gabriel Moser, Hunkeler (online presence)
- viii. Shri Jeroen Kusters, Kusters Engg.
- ix. Shri Jose Philip, Kusters Engg.

2. The queries raised by the applicants regarding terms and conditions of the EOI document were clarified/ noted. The clarifications to the points raised by the vendors are as under:

S. No.	Bidder	RFP Point Number	Query Description	RBI Clarification
1	G+D	8	Providing price validity of 3 years is very challenging due to various factors such as rising raw material cost, logistics cost, spare part cost, inflation, etc. We kindly request you to reduce the bid validity to one year.	Quoted Price of the bids shall remain valid till December 2024.
2	G+D	2.2.4	Please confirm that existing piping is not part of the existing infrastructure and consequently can't be used by the successful bidder.	Existing parts, pipes and any other components of the existing infrastructure can't be used by the successful bidder and completely new components/parts have to be installed.
3	G+D	4.13	Please specify upgrades that needs to be included? We understand that only HW and SW updates to guarantee the functionality of the system shall be included and will be limited to fixing a breakdown or doing bugfixes.	The upgrades should ensure that the stated capacity of the SBS machine and its performance are sustained during the entire contract period of ten years.
4	G+D	4.17	We understand that the connection/ piping from the various CVPS to the designated room for briquetting can't be used and has to be part of the new solution. In other words: Integrate a brand new piping system is part of the scope. Is this understanding correct?	Please refer to the reply to query no. 2.
5	G+D	5.1	What is included in Turnkey solution. Please elaborate. We understand that site preparation will be done by RBI as required by supplier for installation of SBS.	Site preparation in terms of civil/electrical infrastructure required for installation and operationalization of the system would be done by RBI for the proposed solution.
6	G+D	5.1	We understand that the connection/ piping from the various CVPS to the designated room for briquetting can't be used and has to be part of the new solution. Is this understanding correct?	Please refer to the reply to query no. 2.
7	G+D	5.2	Please specify the other substrates in regards to your requirement for briquetting. When having reviewed and analyzed the current	The proposed solution should be capable of handling all types of Bank note substrates i.e. 100% cotton, varnished cotton banknotes, polymer, Paper-Polymer-Paper & Polymer-Paper-Polymer combinations. Machine should be

			processes in place, there were no other substrate banknotes in place. In case it is planned to add a significant share (>20% of bn to be processed) of other substrate banknotes/ polymer for the time of the contract, please inform accordingly.	able to briquette the mix of cotton and polymer banknotes, with polymer notes in the mix not being more than 20% of the total banknotes.
8	G+D	5.3	We understand that 'full-fledged service network before the installation' means an already existing, experienced team in maintaining equipment in a central bank environment, preferably in the fields of banknote destruction. Is this understanding correct? Additionally, would it be accepted to sub-contract the service to a 3rd party vendor to perform jobs?	These aspects are clearly stated in Para 12 and Para 36 of the RFP.
9	G+D	5.4	Integrating the dismantling of existing systems to the tender results in an significant advantage for the supplier of existing systems. The existing supplier is able to perform it with less costs for many reasons. Since there is specific and highly detailed knowledge about systems and their best possible way for removal in place, dismantling can be done more efficient - with less project management, travelling and on-site efforts. Additionally, we assume that there are already most or all special tools (e.g. such as used for maintenance) already on site and reduce effort for dismantling. Finally, generic parts from the dismantling could be used as spare parts/ replacement for existing/ future systems and thus decrease costs. We thus request to amend this clause. Request not ask for the buy-back offer since it will be an advantage for the bidders who are the suppliers of this existing system.	Since the current machines are quite old, RBI intends to replace them in a single transaction with the best value to the Bank. Accordingly, dismantling of old machines and buy-back would form part of the bidding process.
10	G+D	5.4	In case the dismantling remains as part of the tender and is not done by an independent supplier, we request to cover dismantling within the part/job of the installation clause, without an official buy-back offer. This would simplify formal processes. Furthermore, we would like to ask if there is any specific prove point / dismantling acceptance planned to confirm	

			<p>complete dismantling of all equipment is done? This would make sure that everything from an existing installation has been removed and isn't used for the new installation.</p> <p>Also, for planning of the dismantling of the old systems kindly provide current layouts</p>	
11	G+D	6.1	<p>Is it mandatory to submit bids for all 21 sites or bids can be submitted for selective sites ?</p> <p>Please clarify: Since there are various technical solutions to meet the individual requirements, there are individual technical solutions and bids. Is by 'one technical bid' meant 'one technical bid per site'?</p>	It is mandatory to submit bids for all the sites. Bidder has to submit one technical bid containing detailed technical offers / solutions for all the sites.
12	G+D	6.2	<p>Please clarify: Since there are various technical solutions to meet the individual requirements, there are individual technical solutions and bids. Is by 'one technical bid' meant 'one technical bid per site'?</p>	One technical bid implies that the solutions for all the sites shall be conforming to all the technical requirements (mandatory requirements as per Para 7.2.2) as specified in the RFP Document.
13	G+D	7.1.1	<p>Please specify what is meant by 'best fit solution'. Per our understanding, after technical qualification it is about the lowest bidding.</p>	Best fit solution is a technically qualified bid with the lowest price.
14	G+D	7.1.2 (Stage II)	<p>Please clarify: Does the bidder need to technically qualify for all sites in order to get an award for a site?. E.g., if a supplier qualifies for site 1-18 but not for site 19, can the bidder still receive an award for a site out of the 1-18?</p>	Please refer to the reply to query no. 11 and 12.
15	G+D	7.2.2	<p>Please clarify: The assessment describes the process as technical qualification leading to bids. We understand that the successful bidder per site will be invited to explain the technically qualified solution, correct? Bidders with lower bids aren't invited to present the solution for the specific site, correct?</p>	Please refer to the Para 7.2.2. The price bid of only a technically qualified bidder would be opened.
16	G+D	7.2.2(v)	<p>There are open points regarding the layout and design, e.g. the area for briquette collection. Information regarding the site specific location. E.g. distances for briquette conveyors are fundamental for planning. Would it be possible to receive dwgs files for</p>	Site dimensions and specifications are required to be verified by the bidders (Annex I .b.)

			the specific sites to have a complete picture of it?	
17	G+D	7.2.2(vi)	Please clarify/ specify: What are the cut-off marks in detail?	All the Technical requirements are mandatory.
18	G+D	7.2.2(vii)	Please clarify: We understand that after successful technical qualification, the lowest bid will win. What is the reason for a score here?	Items vi. and vii under Para 7.2.2 referring to cut-off marks/ technical scores stand modified: Item vi of 7.2.2 is modified as under: <i>"The Bank reserves the right to disqualify any Bidder, who does not meet the above-mentioned bidding parameters, from the bidding process."</i> Item vii. is deleted.
19	G+D	7.4.2	Please clarify: The bidder needs to bid only for the sites for which a technical proposal has been handed in. It is possible to bid for a certain number of sites only, e.g. for site 1-12, correct? In case this is valid, we request to change this clause to "number of bids according to the number of technically proposed sites".	Please refer to the reply to query no. 11.
20	G+D	7.4.5	Please clarify: Total cost of ownership for the period of 10 years?	Please refer to Para 7.4.5 of the RFP document which explains the Total cost of ownership, the terms X, P and Q as also the discount factor. The formula of the rate of renewal of AMC is also available in the same para.
21	G+D	7.4.5(i)	Please explain and define X, P and Q	
22	G+D	7.4.5(ii) (A-IV)	Please explain the discount factor	
23	G+D	7.4.5(ii) (B)	The rate for renewal of AMC will be calculated on the basis of the following formula. Kindly explain the formula.	
24	G+D	7.5.1	Please clarify the role of 'technical score' as mentioned 7.2.1 vii here.	Please refer to the reply to query no. 17 and 18.
25	G+D	7.5.2	Please clarify: Would it be possible to accept the purchase order within 30 days?	The purchase order would need to be acknowledged within 15 days.
26	G+D	8.1 (Point No. 7)	We understand that RBI will provide two months for installation and commissioning once the delivery is made at site.	The vendor would be handed over the site for dismantling, disassembly and removal of the existing once the machines are delivered at the location. Once this exercise has been completed/ ongoing, RBI would start the site preparation

				<p>following which site would be handed over to vendor for final installation, commissioning and testing of the machine. The two-months period for installation, commissioning and testing would start once the site has been handed over to the successful bidder after completion of site preparation by RBI Office post dismantling and removal of existing SBS machine from the site by the successful bidder. (Para 8.1 of the RFP document).</p> <p>Items 7 and 8 under Delivery schedule (Para 8.1) have been inter-changed as under:</p> <table><tr><td>7</td><td>Dismantling, Disassembly and Removal of Existing SBS machines from the Site</td><td>One month from the date of site availability to the bidder by the respective RBI Office.</td></tr><tr><td>8</td><td>Installation, Commissioning of new Machines and Site Acceptance Test</td><td>Two months from the date of site availability to the Bidder by the respective RBI Office after site preparation by the RBI Office.</td></tr></table>	7	Dismantling, Disassembly and Removal of Existing SBS machines from the Site	One month from the date of site availability to the bidder by the respective RBI Office.	8	Installation, Commissioning of new Machines and Site Acceptance Test	Two months from the date of site availability to the Bidder by the respective RBI Office after site preparation by the RBI Office.
7	Dismantling, Disassembly and Removal of Existing SBS machines from the Site	One month from the date of site availability to the bidder by the respective RBI Office.								
8	Installation, Commissioning of new Machines and Site Acceptance Test	Two months from the date of site availability to the Bidder by the respective RBI Office after site preparation by the RBI Office.								
27	G+D	8.1 (Table Point No. 8)	Please define site availability. Will the sites be available as per delivery schedule above (3 after 9 month, another 3 after 12 month...)?	Yes.						
28	G+D	8.1 (Delivery Schedule Table)	Please specify order/sequence of scope (1. delivery, 2. dismantling 3. site preparation and 3. installation)	Yes. The dismantling of existing systems can be done only after all the material are delivered at site.						
29	G+D	8.1 (Delivery Schedule Table)	Furthermore, while planning and communicating the timelines for delivery and installation, can the bidder choose/prioritize the sites as per his wish.	RBI will intimate the successful bidder about the priority of delivery of the systems.						
30	G+D	8.1 (Delivery Schedule Table)	Please clarify about the delivery times. If e.g. 5 sites are awarded to one bidder, does this mean that 3 systems need to be delivered within 9 months, the remaining 2 systems within 12 months? Alternatively,	Please refer to the Delivery Schedule (Para 8.1) mentioned in the RFP which is self-explanatory.						

			would it be possible to deliver in the case of 12 awarded sites all of them at same time after 15 months?	
31	G+D	8.3	Please specify the certificate for material delivery completion.	Standard certificate will be issued by RBI offices once the delivery is complete in all respects.
32	G+D	8.5	In case bidder has to prepare the site then additional 3 months would be required before delivery of system for dismantling, dis-assembly and site preparation for installation. Request RBI to consider the same.	RBI will prepare the site after dismantling of SBS by the vendor. Please refer to the reply to query no. 5.
33	G+D	8.7	Please specify 'existing systems'.	Currently installed SBS machines at Offices.
34	G+D	8.9	We would like to advise that in order to guarantee fixed prices for 3 years, bidders might need to take into account the costs for solutions up to Q1 2026. Consequently, this will significantly increase prices for the current offer and lead to a disadvantage for the RBI. Additionally, since Each SBS system requires individual consultation and customization (e.g. piping, conveyor type, cabling), each system has an individual configuration that cannot simply be duplicated. Site specific conditions need to be considered. Consequently, we would seek your understanding, that buying additional systems for a matching price is neither in the interest of RBI nor bidders.	Please refer to reply to query no. 1.
35	G+D	9	To have a complete picture of the site conditions, dwgs and information regarding any current setup to be considered is necessary. Not all information can be taken from site inspections, e.g. weight of systems to be dismantled, piping structure etc. Would it be possible to receive already existing drawings from the existing setup to familiarize with the sites and installed system, e.g. piping, power supply, width of doors?	Site dimensions and specifications are required to be verified by the bidders (Annex I.b).
36	G+D	10(vii)	Please confirm: RBI intends to have an on-site engineer for sufficient technical support available for the 10 years' time of the contract for 5 days a week, correct?	On-site support exclusively for SBS systems shall be present on all the days when machines are in operation as well as on the days on which maintenance is being carried out.

37	G+D	11.4	Please specify 'reasonable speed'.	This has been explained and understood in the Pre-bid meeting.
38	G+D	11.5	Please confirm that warranty is valid only for exchanged parts and not for the entire system.	For the exchanged part, Warranty of either the system or the spare part would be taken based on whichever is expiring later.
39	G+D	11.6	Please specify reasonable period.	This has been explained and understood in the Pre-bid meeting.
40	G+D	11.7	Since there are sites in remote regions which can't be supplied with exotic parts, we would kindly ask to increase the TTR to at least 2 working days.	Permissible downtime mentioned under Para 11.7 shall remain as 2 hours for all RBI Offices.
41	G+D	12.1	Please confirm: The offer should cover the rates for 01 engineers and 01 operator for the period after the warranty (3 years). In order to have a concrete picture, please specify the number of shifts per site for the mentioned period.	Normal operating hours of a machine would be 8 hours in a day. Extra shifts, if any, shall be decided by the RBI Offices on dynamic requirement basis (Para-12) Operator Scope Cleaning of the System on daily basis and Operation of the System.
42	G+D	12.2.(iii)	Scope of essential spare parts to be selected by OEM ?	Please refer to Para 12.2 of the RFP document.
43	G+D	12.6	Request to permit downtime to 8 hours per week. Furthermore, the amount of penalty of Rs. 6000/hour (for >4 hours downtime) is too high. Request to re-consider. Is there a maximum penalty sum ?	Please refer to Para 12 of the RFP document and reply to query no. 113. Further, there is no limit on the maximum penalty sum.
44	G+D	12.10	Please re-consider: Request for AMC payments on half yearly basis and in advance.	Terms regarding AMC price shall be as per Para 7.4.5 of the RFP document. i.e. quarterly on successful completion of AMC during the quarter.
45	G+D	14.2	Since there are sustainable, environmental friendly possibilities (e.g. video calls) to check on systems, functionality and performance, we would recommend to use these formats and limit it accordingly.	RBI will have the discretion to conduct the FAT of each type of system (shredder capacity wise) at the Bidder's premises.
46	G+D	15.1.1	Payment per site (one contract per each site) or payment after delivery of all systems? i.e. 70% payment for each machine should be done on delivery of hardware materials and software at each designated site of the Bank for the project.	Yes, payments will be done based on site-by-site delivery and completion basis (Para 15.1)

47	G+D	15.1.1	Please clarify whether invoice to be raised on Regional Office or Central Office ?	Invoice is to be raised on DCM, CO and systems shall be shipped to the respective RBI Office.
48	G+D	15.1	Can the RBI make some part payment or LC.	No
49	G+D	15.2	Please specify any other documents that may be required	Documents is to be submitted as required in RFP.
50	G+D	15.2(i)	Please clarify whether invoice should be raised at regional office level or DCM level	Please refer to reply to query no. 47.
51	G+D	15.2(i)	Due to using SAP and creating invoices with it, we would list the system value per site. However, we will add an annex with requested information. Please confirm that this is possible.	Yes
52	G+D	15.2(iv)	Pre-dispatch inspection will be carried out for each system by the purchaser's representative or only one ?	RBI will have the discretion to conduct the FAT of each type of system (shredder capacity wise) at the Bidder's premises. RBI shall verify all the technical requirements mentioned at ANNEX II in the FAT/ SAT.
53	G+D	15.2(iv)	Please specify the certificate. Will it be required for each system?	Standard Certificate is to be issued after FAT by RBI, if any.
54	G+D	15.2 (V)	Please elaborate the requirement of manufacturer's test certificate and guarantee. Please specify the certificate and guarantee.	Standard Certificate is to be issued.
55	G+D	15.2(vii)	Since it is a local sale from G&D Gurgaon to RBI, all the documents listed under point no. vii are not required to be submitted. G&D will provide GST invoice and other documents like packing list, insurance copy, goods receipt, BG, etc.	For local sale instead of documents listed at point 15.2 (vii), local transportation receipt from warehouse in India to RBI Office has to be submitted.
56	G+D	18.1	We understand that bench mark testing means an independent test after installation of the system at a specific site. Is this understanding correct? Since it is a customize solution, the bench mark testing won't be feasible. (NCNC Basis) If RBI still insists for benchmark testing, will it be done prior to release of order or after release of order. What will be the criteria for benchmark testing ?	Benchmark testing is to be done before opening of price bids. The bidders would facilitate RBI to conduct benchmark testing at existing customer sites with same/similar specifications to check for technical requirements mentioned in Annex II.

57	G+D	18.2	Since there are sustainable, environmental friendly possibilities (e.g. video calls) to check on systems, functionality and performance, we would recommend to use these formats whenever possible. To increase speed and consider ecological aspects, please consider if a demonstration of the system in India, to the costs and risks of the bidder, would be acceptable as well.	RBI shall conduct the FAT of each type of system (shredder capacity wise) at the Bidder's premises. Demonstration of system in India, if possible, may also be done by RBI.
58	G+D	18.3	What would be the specific/ detailed criteria for Site Acceptance Test, is a specific document/ format available for reference?	RBI shall conduct the FAT of each type of system (shredder capacity wise) at the Bidder's premises.
59	G+D	18.4	We understand that no FAT onsite, only SAT. Request to modify the clause if our understanding is correct.	Purchaser shall verify all the technical requirements mentioned at ANNEX II in the FAT/ SAT.
60	G+D	18.5	Kindly provide the test document upfront before submission of Bids.	
61	G+D	21.2	Technical Bid online only? Annex XVI – Submission Checklist: The following documents need to be provided by the Bidder for the Commercial Bid in a separately sealed cover	This is an E-tender. All the documents as required in the RFP have to be submitted online. List of the documents that also need to be submitted in physical copies are as under:
62	G+D	21.4	Please clarify: Are there strictly no documents which have to be printed and submitted in hard copy?	Non-Disclosure Agreement (Annex X) (original to be submitted in physical to Bank) – Annex X BG against Earnest Money Deposit - (original to be submitted in physical to Bank) – Annex XII
63	G+D	38.2	Please define unsatisfactory conditions	As explained and understood by all the bidders in the pre-bid meeting.
64	G+D	39.1(1)	Please confirm: Term 'Contract' defines the specific contract for the specific site,. There is a contract per site, not a contract for all sites awarded. We kindly request to cap the penalty to 5% of contract value per site.	A single contract for multiple sites shall be executed. Request regarding capping of penalty to 5% of contract value cannot be accepted.
65	G+D	48	All risk insurance policy till SAT will be in the name of bidder only because insurance payment is made by bidder and GST insurance invoice will be in the name of bidder. Bidder also need to take GST input. On the other hand, if it is in the name of RBI, then bidder can't take GST input and any risk claim will have to be filed	The Para has been modified as under: <i>"The Bidder is required to take insurance which should include transit, storage of the equipment, installation, testing, commissioning etc., in other terms it may be mentioned as contractor's all risk policy. Insurance policy to cover hardware/software equipment cost at respective RBI</i>

			RBI. In the past also during supply of earlier systems to CVPS, we have taken policy in our name.	<i>locations shall be valid till the Site Acceptance Test has been completed and signed. The insurance policy should be in the bidder's name. The insurance shall also include workman compensation and third-party liability. Please note that insurance premium amount needs to be borne by the Bidder only.</i>
66	G+D	49 & 49.1	Please clarify the term local conditions. Furthermore, end of the sentence is missing. Request to finalize the sentence for more clarity.	<p>The Para 49.1 has been modified as under: <i>"It will be imperative on each Bidder to fully acquaint itself with the local conditions and factors at each of the Regional Offices, which may have any effect on the performance of the contract and / or the cost. It will be imperative for each Bidder to fully inform themselves of all the existing infrastructure and connections to the SBS section at the respective sites for proposing the solution."</i></p> <p>The term 'local conditions' has been explained to and understood by the bidders during the pre-bid meeting.</p>
67	G+D	B	<p>Please clarify on the last column i.e. distance from briquetting area to briquette collection area outside the security area.</p> <p>Where should the briquettes be delivered?</p> <p>On physical verification of few sites, we observed variation in the given dimensions as stated in RFP and actual dimensions.</p>	<p>The requirement of briquetting area from briquette collection shall differ from site to site which the bidders should confirm during site visit and submit the solution accordingly.</p> <p>Further, regarding the variation in dimensions, bidder may carry out site visits and confirm the same.</p>
68	G+D	Point No. 2	Please clarify the percentage of polymer in the hybrid combination e.g. Paper-Polymer-Paper & Polymer-Paper-Polymer combination.	Please refer to the reply to query no. 7.
69	G+D	Commercial Bid	We will be quoting Single price for each site which will include the cost of all the items mentioned in the Bill of Material.	Bids are to be submitted as per RFP document (Para 7.4)
70	G+D	Annex IV Part B	Request for escalation of AMC price from the 2 nd year of AMC instead of 3 rd year. i.e. price be kept firm for 4 years (3 years warranty and 1 year amc)	Terms regarding AMC price shall be as per Para 7.4.5 of the RFP document.
71	G+D	49	As it is required for bidder to fully acquaint itself with local conditions and factors at each Regional Office	Due date has been extended by 6 weeks till March 30, 2023.

			which may have any effect on the performance of the contract and/or cost, we request additional time of 6 weeks for bid submission. Kindly note that bidders also need to submit a certificate to this effect along with the bid. As Bank has mentioned that it will not entertain any request for clarification thereafter, hence we request to provide an extension of 6 weeks for submission of bids.	
72	G+D	49	We understand that RBI will make necessary civil alterations wherever required in order to ensure smooth delivery, unloading and transportation of module boxes till installation area. Bidder will provide a Site & Facility Requirement Document for each site to RBI.	<p>Pillars and brick walls can't be changed. However, changes to temporary structures can be made.</p> <p>During site visit, vendors may check feasibility of carrying the modules of proposed SBS machines through the passages and doors. In cases of absolute difficulty, the matter may be brought to the notice of the respective office and DCM, CO and feasibility of structural changes may be explored. This should form part of the technical bid.</p>
73	G+D	Annex X – Non-Disclosure Agreement	Please confirm whether Maharashtra stamp paper is required to execute the NDA or it can be executed on Delhi/Haryana stamp paper.	Yes, NDA can be executed on Delhi/Haryana stamp paper.
74	G+D	General Specifications – Point No. 1	Please specify the wording 'bundles of 1000 or more'. As per our understanding, the standardized format for a bundle typically doesn't exceed more than 1000 banknotes. Please confirm that this is the maximum format per bundle - if not, please specify the maximum number of notes which form a bundle.	It is clarified that One Bundle shall comprise of 1000 notes.
75	G+D	General Specifications – Point No. 2	Designed systems are according to the RBIs current and known processes and handling. Thus, systems are designed to handle mainly cotton based banknotes. To handle large volumes of other substrate banknotes e.g. polymer, modifications to the design of the system have to be made. This could be the integration/adding of components such as compacting container/large bagging systems etc. to guarantee a 100% throughput of polymer.	Please refer to the reply to query no. 7

			<p>Please clarify about the maximum percentage of each substrate in possible combinations, e.g. Paper-Polymer-Paper & Polymer-Paper-Polymer.</p> <p>Additionally, please confirm that the way to compact shreds is to be done by briquetting and, in case of any substrate mix, the process will be adjusted to guarantee functionality of the press.</p>	
76	G+D	General Specifications – Point No. 3	P5 according to DIN 66399 is recognized as international standard for a highly safe shred size when it comes to banknote destruction. We would recommend to take this standard as requirement for the shred size or kindly confirm that destroying banknotes according to mentioned standard is accepted.	The shred size shall be as per item-3 under Annex-II (Technical Specifications)
77	G+D	General Specifications – Point No. 5	System operates automatically after loading. Please confirm that there is no manual intervention needed/ desired. Please also specify the use case for described requirement or under which conditions individual operation would be necessary.	Individual and independent/ automatic operation should be possible.
78	G+D	General Specifications – Point No. 7	We understood that the common operating hours would be 8 hours per day and 40 hours per week? Please specify the number of operating hours per site per year.	Please refer to the reply to query no. 41
79	G+D	General Specifications – Point No. 8	We understand that available room dimensions need to be respected. However, for some sites, without performing minor modifications to the architectural surroundings, a solution/ installation according to RBI requirements can't be guaranteed. These modifications obviously wouldn't affect fundamental structures such as foundation beams etc. We would kindly ask to re-phrase to 'modification only after RBI acceptance within the technical evaluation'.	<p>The Para has been modified as under:</p> <p><i>“The entire System Orientation should be such that the proposed system should be accommodated within the available space in the designated room(s) without any modification, however minor modification without affecting the fundamental structure and only after RBI acceptance at above mentioned sites, may be accepted.”</i></p> <p>Any such modification(s) shall form part of the technical bid, as replied to query no. 72.</p>

80	G+D	Specifications for the Conveyor/ Storage/ Loading System – Point No. 13	<p>Please define 'accuracy'. Since weighting accuracy on a single banknote basis is technically almost impossible, especially at a loading capacity of partly way above 6.4 tons, we understand that accuracy means an estimation of banknote bundles only. Please confirm.</p> <p>Additionally we kindly ask to provide the background behind this specification to better understand the requirement.</p> <p>Generally, to determine the weight of banknotes which are loaded into the conveyor, the scale doesn't necessarily have to be integrated in the conveyor. Would it be acceptable to provide a scale in the loading area?</p> <p>In case the weighing is supposed to monitor the progress of the destruction session (how much of X kg already destroyed) would other formats of indicating this progress information be accepted?</p>	<p>Weighing should be integrated with the system (conveyor or the feeder) and data on weight of soiled notes during entire processing should be available dynamically for continuous monitoring.</p> <p>Tolerance for the weighing scale shall be as per BIS standards on weighing systems.</p>
81	G+D	Specifications for the Conveyor/ Storage/ Loading System – Point No. 14	<p>In case an opening assistance is not necessary because of the design of the conveyor doors, we would recommend to re-phrase it to 'hydraulic assistance when doors need to be lifted'.</p>	<p>The Para has been modified as under:</p> <p>“To load the banknotes in the conveyor, opening should be wide enough and should have hydraulic assist for lifting and closing of the conveyor door/cover.”</p>
82	G+D	Specifications for the Conveyor/ Storage/ Loading System – Point No. 20	<p>We kindly request to please specify as concrete as possible the general process of loading, valid for all sites, including all formats and transfers (trolleys, boxes, bundles, staff involved etc.).</p>	<p>RBI Staff loads the banknote bundles or loose banknotes in the conveyor.</p>
83	G+D	Specifications for the Conveyor/	<p>Please confirm: The described loading height/ comfortable level for loading banknotes is taken by starting measuring from the operators' feet.</p>	<p>Loading height mentioned in the Para has been calculated from the floor of the SBS site.</p>

		Storage/ Loading System – Point No. 21		
84	G+D	Shredder Specification – Point No. 24	Due to slow rotating knives, the system manages very well metal items such as pins or staples. To prevent any damage from dangerous goods/ metal parts, there are proven technologies for identifying foreign objects in place at the machine already. Please kindly confirm that technologies which would lead to the same effect as metal sensors, which is identifying and prevent damage, are acceptable, too.	Please refer to para 24 of the ANNEX II 'Technical Specifications'.
85	G+D	Shred Extraction System – Point No. 30	Please confirm that any cabling/ piping from the current systems has to be dismantled and can't be reused.	Please refer to the reply to query no. 2.
86	G+D	Extraction System – Point No. 32	Please confirm: Strategic places are defined by the bidder.	Bidder is to propose the strategic places in the technical offer, however, final decision regarding the same would be of the RBI.
87	G+D	Extraction System – Point No. 34	<p>Please clarify about the intention behind this specification to clearly understand the requirement.</p> <p>Would it be acceptable to display the time of operation for offline destruction or briquetting at the control panel?</p>	<p>This is required to calculate running hours of the SBS system.</p> <p>Operating Hours of the system would be based on the running hours of the Briquetting Press. Briquetting press would start operating once the shreds are being received from online/ offline shredding via hopper/ similar storage mechanism.</p> <p>For calculation of the extra hours, running of that briquetting press has to be taken which has run the most in the period for which extra hour is being calculated.</p>
88	G+D	Extraction System – Point No. 39	<p>Please clarify about location and distances of the briquetting collection area.</p> <p>Is this supposed to be outside of the building?</p> <p>What would be the distances per site?</p>	This requirement will differ from site to site, bidders to confirm the same during site visit and submit the solution accordingly.

			Is it possible that briquette collection areas are within the briquetting area if this would simplify processes, increase efficiency, lower the costs and simplifies general handling?	
89	G+D	Briquetting System – Point No. 41	<p>Please confirm: 2 presses per briquetting system. These 2 presses realize combined the anticipated throughput/h. In case of maintenance or malfunction of one press, the second press can provide functionality.</p> <p>Please specify the potential future number of CVPS and their anticipated shred rate per site to be added. Without this information, we can't design the system according to RBIs future expectations.</p>	<p>Maintenance activity shall be done only when the SBS systems are not in operation. In case of malfunction of the SBS machine, please refer to reply to Query 113.</p> <p>One additional CVPS machine at each site with shred rate of 33 banknotes/ per second.</p>
90	G+D	Briquetting System – Point No. 45	Kindly define the position of the containers per each site. Please clarify also in terms of desired technology for transport, e.g. conveyor belts.	It would differ from site to site and will be as per the site requirement.
91	G+D	Control Panel – Point No. 48	Touch screen malfunctions can be solved by adding devices for input, such as mouse and keyboard. Since this has the very same effect as proposed solution, please clarify if this would be acceptable.	Control panel shall be touch screen only and non-functionality of the touch screen shall be considered as downtime.
92	G+D	Control Panel – Point No. 56	Please clarify: Which other connections are required and what reason for?	As discussed in the pre-bid meeting, kindly refer to para 56 of ANNEX II.
93	G+D	Power Supply – Point No. 59	<p>For technical reasons and considering the high power consumption of the entire system, there is no UPS for the entire system planned.</p> <p>Please specify the incident and desired function and re-consider the specification.</p>	The UPS shall be considered by the bidder within the scope of this contract to avoid any malfunction of the system and loss of data due to power failure / transition and immediate resumption of operations when the power resumes, without any need for booting of the system etc.
94	G+D	Safety and Security – Point No. 63	Please confirm: 'appropriate sections' are to be understood as sections where high temperature are expected to occur. For sections where no high temperatures or the danger of fire is expected', there is no need for such devices.	Bidder to decide upon appropriate sections according to design of the system.

95	G+D	Safety and Security – Point No. 65	Please specify the international standard safety norms that are to be followed	ISO/ BIS Standards as applicable.
96	G+D	Safety and Security – Point No. 67	The system consists of windows at the conveyor and shredder, additionally there are functions planned to indicate filling levels, progress, weight like info and above. Please clarify about the use case/ desired application and inform if there are other technologies acceptable which would satisfy the very same purpose.	As informed in the pre-bid meeting, Technical requirement are mandatory and qualification of the same is compulsory for qualification of the technical bid to be considered for price bid opening.
97	G+D	Point No. 5	Please extend the bid submission due date by 8 weeks at-least since preparation of such complex offer will take time.	Please refer to the reply to query no. 71.
98	Kusters	1, item 5.	From receiving the corrigendum until submission of the Bids, there are only 9 days. We kindly request to have 14 days in between to prepare all documentation for the offer.	Please refer to the reply to query no. 1.
99	Kusters	5.3	What is meant by a full-fledged service network? Please specify.	Service set-up should be in place before commencement of delivery of the 1 st machine by the vendor.
100	Kusters	6.2	The tender says there will be nineteen price bids, however, there are 21 locations.	21 Offices/ locations and 21 Price Bids for each location.
101	Kusters	7.4.2	Annex IV in page 47 mentions 19 price schedule for 19 locations. May be corrected to 21.	
102	Kusters	7.2.2.vi	The RBI reserves the right to disqualify any bidder who does not score the cut-off marks. Can the qualifying marks for each criteria be advised just as it was allotted in the EOI.	There are no qualifying marks. All the technical requirements are Mandatory.
103	Kusters	7.5.3	What guarantees will be given from RBI to the successful bidder? The bidder has to present a Performance Bank Guarantee, start production without a signed contract (as delivery date starts from date of award of contract, while the contract still needs to be signed) and no downpayment or L\C is provided.	Letter of Intent/ Award of Contract issued by RBI, shall act as the guarantee on the same.

104	Kusters	7.5.3	Bid Bond and Performance Bank Guarantee would overlap. Normally, Bid Bond will be given back upon notice of award.	Please refer to Para 16 of the RFP.					
105	Kusters	8.1	According to the RFP, 21 systems are to be delivered. The bidders agreed to supply within 24 months for 19 systems. As there now is an increase of over 10% in number of systems, would you also allow the delivery time to be increased by 10%?	Time frame to deliver the machines remains same. The para 2 of Para 8.1 has been modified as under: <table><tr><td>2</td><td>Delivery of Systems for 16 sites to 21 sites.</td><td>Within 21 months from date of award of contract</td></tr></table>			2	Delivery of Systems for 16 sites to 21 sites.	Within 21 months from date of award of contract
2	Delivery of Systems for 16 sites to 21 sites.	Within 21 months from date of award of contract							
106	Kusters	8.1	Is 7 and 8 in the table together 2 months or 3 months? Please clarify.	Please refer to reply to query no. 26, 27 and 28.					
107	Kusters	8.1	We need certainty about the availability of the sites. Please confirm site is available for point 8 in the table within one month after delivery.	Please refer to reply to query no. 26, 27 and 28.					
108	Kusters	8.3	Could you please confirm the term “delivery” is excluding the SAT phase? .	Yes.					
109	Kusters	8.9	If RBI decides to procure an additional machine can the same price indexation as mentioned for the AMC be considered?	No.					
110	Kusters	10 viii	Which Annex is meant @incidental services? Technical specifications is Annex II. “Annex III – Technical Specifications” as mentioned in the text does not exist.	Item (viii) of the Para 10 stands deleted.					
111	Kusters	12.1	It is stated that the SLA for all inclusive AMC should be quoted for after the expiry of the warranty period. However, we assume you also require all inclusive AMC during the warranty. Please confirm that this should be inclusive of the system price (as per 4.12).	Yes. The SLA obligations including deployment of qualified / skilled resident engineer and operator as mentioned in para 12.					
112	Kusters	12.3	Normal operating hours would be 8 hours in a day calculated on Transport Fan Running hours. We use more than one fan, therefore we suggest to use the counter on the control panel of the main power of the OBS system to which all fans are connected.	Please refer to the reply to query no. 87					
113	Kusters	12.6	Down-time of 2-4 hrs of briquetting system penalty would be Rs. 1000/- Downtime of 2-4 hrs of Shredding then penalty would be Rs. 1000/- Downtime greater	If the Shredding System (Shredder and/or Conveyor) is not working, downtime penalty would be as under:					

			than 4 hrs of briquetting penalty would be Rs. 3000/- downtime of more than 4 hrs of Shredding penalty would be Rs. 3000/-	<table><tr><th>Total Downtime (hours)</th><th>Downtime Permitted (hours)</th><th>Amount of penalty (Rs./hour)</th></tr><tr><td>< 2</td><td>2</td><td>0</td></tr><tr><td>2-4</td><td>2</td><td>1000</td></tr><tr><td>>4</td><td>2</td><td>3000</td></tr></table> <p>If the briquetting System (transport fan, Hopper briquetting presses etc.) is not working downtime penalty would be as under:</p> <table><tr><th>Total Downtime (hours)</th><th>Downtime Permitted (hours)</th><th>Amount of penalty (Rs./hour)</th></tr><tr><td>< 2</td><td>2</td><td>0</td></tr><tr><td>2-4</td><td>2</td><td>2000</td></tr><tr><td>>4</td><td>2</td><td>6000</td></tr></table> <p>If briquetting system is not working, it will be taken as entire SBS system being non-functional/down.</p>	Total Downtime (hours)	Downtime Permitted (hours)	Amount of penalty (Rs./hour)	< 2	2	0	2-4	2	1000	>4	2	3000	Total Downtime (hours)	Downtime Permitted (hours)	Amount of penalty (Rs./hour)	< 2	2	0	2-4	2	2000	>4	2	6000
Total Downtime (hours)	Downtime Permitted (hours)	Amount of penalty (Rs./hour)																										
< 2	2	0																										
2-4	2	1000																										
>4	2	3000																										
Total Downtime (hours)	Downtime Permitted (hours)	Amount of penalty (Rs./hour)																										
< 2	2	0																										
2-4	2	2000																										
>4	2	6000																										
114	Kusters	12.5	Please give an example of the calculation on how AMC charges are discounted by 8% per annum.	To calculate the TCO, Net present Value Factor has been obtained by discounting quarterly at the rate of 8% per annum.																								
115	Kusters	14.2	To guarantee the quality of goods shipped and to reduce possible issues and/or downtime at site during SAT, we suggest that FAT is mandatory for all systems. When FAT is required, please confirm if FAT will be 5 days and that the supplier has to provide test paper for this period.	Please refer to the Para 18 of the RFP and reply to query no. 58. Further, the supplier has to provide test paper when the test is carried out in its premises.																								
116	Kusters	15.1	We assume payments will be done based on site by site delivery and completion basis, please confirm.	Please refer to the reply to query no. 46.																								

117	Kusters	15.1	Please specify whether payment will be upon each awarded site completion or upon total completion and SAT of all machines awarded?	
118	Kusters	15.1	Please allow for advance payment and ILC – especially with the surety of the Bank Guarantee that RBI has.	This request cannot be accepted.
119	Kusters	16.1	Please confirm that the Earnest Money Deposit format is Annex XII rather than the mentioned XVII.	Yes, Earnest Money Deposit format is Annex XII.
120	Kusters	16.4	Performance Bank Guarantee - will it be for individual sites - Total BG amounting to 10% of Purchase Order Value. PBG is to be discharged site wise on submission of 10% of the comprehensive Value as in RPF Section 17.4	Consolidated Performance Bank Guarantee equivalent to 10% of the value of the contract amount has to be submitted within Thirty (30) days from the date of issue of Purchase Order.
121	Kusters	17.4	Please confirm that the Performance Bank Guarantee will be calculated at 10% of the Yearly AMC value, this PBG will be renewed yearly accordingly.	After the expiry of the warranty period, a fresh consolidated PBG or site-wise PBG for an amount equivalent to 10% of the applicable comprehensive AMC value, can be submitted with validity for the entire AMC period of seven years or can be renewed yearly.
122	Kusters	39.1	Please confirm that the Liquidated Damages will be calculated on site basis only and not on the complete contract.	Refer to Para 39.1 of RFP document.
123	Kusters	a	What is the capacity in the table linked to? We presume the capacity is based on the shredding of cotton base used banknotes.	Yes.
124	Kusters	a	Please confirm what penalties will be imposed if capacity is reduced over time.	Yes reduced capacity will be construed as downtime and downtime penalty provisions as per Para 12 will be applicable.
125	Kusters	a	We presume that the loading capacity of the CDS conveyor is based on randomly loading, not on neatly stacked loading.	Yes, loading shall be considered as 'random loading'.
126	Kusters	1	The text states "Banknotes in bundles of 1000 notes or more". Please define: what is more / please confirm that 'more' is limited to 2%.	It is clarified that One Bundle shall comprise of 1000 notes.
127	Kusters	4	Power consumption and dust emission figures are important price determining factors for 10 years contract. Will RBI have a measuring mechanism for	This is not a requirement as per the RFP.

			power and dust emission in the tender and later in actuals?	
128	Kusters	16	We suggest that the strategic location to place inspection windows, considering dirt and the risk of notes sticking behind the window, is better to have on top of the conveyor rather than alongside.	Inspection windows should be located from where it can be viewed through conveniently by the Bank Officials.
129	Kusters	20	Please confirm that this is batch-wise, based on loading, locking and letting the system run the full batch securely.	Yes.
130	Kusters	24	Please define what is the maximum dimension of a small object. Please define the kind of metal that needs to be detected	Please refer to para 24 of the ANNEX II.
131	Kusters	36	Please confirm fully automatic dust extraction, at the connection between the briquetting press and the briquetting channel, is mandatory in the scope of supply.	Yes.
132	Kusters	37	Appropriate HEPA filters have different stages F6-F7 and at last H13 to get clean air out. Please confirm if this is what is required.	The H13 HEPA Filter is to be used.
133	Kusters	45	Briquettes to be transported from the press to the collection point outside the security area. As the distance is not mentioned, can we consider that the distance of the briquetting drop of point is an average of 30 meter per site?	Please refer to the reply to query no. 88.
134	Kusters	46	There will be one panel of shredding at banks' desired location with touch screen and a touch screen to monitor operate and control the briquetting system in the same room at banks' desired location. The terminal boxes / panel of the briquetting components will be on the briquetting system and is not required to be in this room.	There should be a central control panel(s) in the space provided by the Bank at its site.
135	Kusters	50	Please confirm a batch is defined as loaded in bulk and locked in the conveyor for security reasons (thus not based on continuous loading).	Yes.
136	Kusters	53	Please specify if a printer is required.	Though the printer would be provided by RBI, vendor has to ensure the compatibility of the printer provided by RBI to the

				proposed system for the entirety of the contract and fulfilment of all obligations therein.
137	Kusters		Bill of material may be corrected to 21 locations.	Yes, bill of material shall be submitted for 21 locations.
138	Kusters		Please confirm that each bidder is only allowed to submit one price for maintenance that meets the precise requirements as specified in the tender document.	Yes.
139	Kusters	ii	How will deviations be evaluated? As mentioned in 7.2.1 I all the technical requirements are mandatory and any deviation will result in disqualification. Please clarify.	Please refer to the reply to query no. 17 and 18.
140	Hunkeler		Request to allow offers in other currencies (Swiss Francs or EUR).	Bidding shall be in INR only.
141	Hunkeler	6 1. RFP Schedule	Request to extend the due date for at least 4 weeks. This is essential for us to properly prepare the bidding documentation.	Due date has been extended by 6 weeks till March 30, 2023.
142	Hunkeler	6 1. RFP Schedule	Request to extend the due date for at least 4 weeks. This is essential for us to properly prepare the bidding documentation.	
143	Hunkeler	6 1. RFP Schedule	Kindly request to reduce the bid validity to max. 180 days. Longer validity equals to higher risks for the vendor and therefore come with a higher price.	Please refer to the reply to query no. 1.
144	Hunkeler	10 4.13	Please confirm whether wear parts and consumables (incl. knives for Shredder and Granulator) shall be part of the AMC or not. According to item 4.13 they seem to be not included; according to the AMC price schedule they seem to be included	All consumables shall be part of AMC.
145	Hunkeler	48 B. Price Schedule: Comprehensive Maintenance for Banknote SBS		
146	Hunkeler	14 7.4.2	Please confirm the total amount of systems/sites to be offered (19vs21)	21 Offices/ locations and 21 Price Bids for each location.
147	Hunkeler	16 8.1		
148	Hunkeler	38 Annex 1		
149	Hunkeler	46 Annex 3		
150	Hunkeler	47 Annex 4		

151	Hunkeler	34 41.1	Request to modify delivery to DAP according to Incoterms 2020 regulations (excl. duty and VAT/GST), since some suppliers cannot reclaim the GST.	It shall be in INR and on DDP basis only.
152	Hunkeler	38 Annex 1	Please explain the correlation between max allowed shredders and max allowed conveyors. What is the reason for the different values? (e.g. Bhopal and Bhubaneswar have the same system capacity but different amount of allowed conveyors)	Depending upon the space available, vendor can supply multiple conveyors and briquetting presses but limited to the quantities mentioned in ANNEX I.
153	Hunkeler	40 Annex 2 - 9	Please confirm whether 80 dB(A) is considered as average level and not peak level.	Sound level at peak level of 80 dB(A) should be maintained.
154	Hunkeler	41 13	Please specify the allowed tolerance of the weighing system and the minimum loading weight.	Tolerance shall be as per BIS standards on weighing systems.
155	Hunkeler	42 37	The requested filter class is usually used in high clean rooms only. Clean and healthy air for operators can be reached with other filters as well without need of very frequent filter exchange. We recommend not exceeding filter class F7-F9 (residual dust < 0.1 mg /m3) or even G4 (residual approx. 0.1-1.0 mg /m3)	Please refer to the reply to query no. 132
156	Hunkeler	43 41	Please specify the max requested reserve for future CVPS machines	One additional CVPS machine at each site with shred rate of 33 banknotes/ per second.
157	Hunkeler	43 50	Please confirm whether reports in CSV/XML format are accepted	Data from XML format has to be converted into readable and non-editable .pdf format.
158	Hunkeler	44 59	Please confirm whether replacement of battery of the UPS (if needed) shall be covered by the AMC or not.	Please refer to the reply to query no. 144
159	Hunkeler	48 B. Price Schedule: Comprehensive Maintenance for Banknote SBS		
160	Hunkeler	44 59	Does the UPS have to cover the power for the destruction or is it ok to stop the banknote shredding and briquetting system during the transfer of operations from mains to DG?	Please refer to the reply to query no. 93
161		27. duration and Condition of Engagement		Para 27.2 has been modified as under: “Post completion of warranty, the Successful Bidder is required to provide both Onsite and Offsite Support including Comprehensive AMC for seven years for all the machines till the completion of warranty of last machine installed.”