

CORRIGENDUM DATED - 04.12.2020  
PROCUREMENT OF 1,00,000 ANDROID PoS TERMINALS  
RFP NO. SBI PAYMENTS/VM/2020-21/468 DATED 19.11.2020

Sr. No	RFP Page No	RFP Clause No	Existing Clause	Amended Clause
1	27	29.xi	The ownership of the software/firmware license and the hardware shall be that of the SBI PAYMENTS from the date of delivery of the same to the SBI Payments. In other words, wherever the ownership of the licenses/hardware is indicated, the name "SBI PAYMENTS" must appear to indicate that the SBI PAYMENTS/Bank is the perpetual owner of the customized hardware/operating software/firmware, etc. associated with the hardware. Evidence in this regard must be submitted before the payment is released.	The ownership of the <b>customised</b> software/firmware license and the hardware shall be that of the SBI PAYMENTS from the date of delivery of the same to the SBI Payments. In other words, wherever the ownership of the licenses/hardware is indicated, the name "SBI PAYMENTS" must appear to indicate that the SBI PAYMENTS/Bank is the perpetual owner of the customized hardware/software/firmware, etc. associated with the hardware. Evidence in this regard must be submitted before the payment is released.
2	28	30.iv	Onsite comprehensive warranty for the solution would include free replacement of spares, parts, kits, resolution of problem, if any, in solution.	<b>Offsite</b> comprehensive warranty for the solution would include free replacement of spares, parts, kits, resolution of problem, if any, in solution.
3	66	POS Terminal Hardware & Processor	Processor Speed viz,Cortex, Quad Core, MHz, bit etc	Processor Speed viz,Cortex, Quad Core, <b>GHz</b> , bit etc
4	69	Telecommunications	Ability to connect to IP, GPRS, PSTN, Bluetooth and dual communication configurations should be supplied	Ability to connect to IP, GPRS,Bluetooth and dual communication configurations should be supplied
5	74	Exhibit-1 Memory	Flash – 16GB & Above; SDRAM – 2 GB & Above	Flash – 16GB & Above; SDRAM/ <b>DDR</b> – 2 GB & Above
6	74	Exhibit-1 Power Adapter	AC/DC INPUT Voltage: 100-240V; 47-63Hz ; and Max Consumption: 210mA	AC/DC INPUT Voltage: 100-240V; 47-63Hz ; and Max <b>Output: 2.0A</b>
7	132	PERFORMANCE GUARANTEE & PENALTY	Warranty for Hardware Components: Onsite comprehensive warranty for all the hardware components including free replacement of spares, parts, kits as and when necessary will be 36 months from date of installation or 39 months from date of delivery, whichever is earlier.	Warranty for Hardware Components: <b>offsite</b> comprehensive warranty for all the hardware components including free replacement of spares, parts, kits as and when necessary will be 36 months from date of installation or 39 months from date of delivery, whichever is earlier.

8	134	PERFORMANCE GUARANTEE & PENALTY	Preventive maintenance: the VENDOR shall conduct Preventive Maintenance (including but not limited to inspection, testing, satisfactory execution of all diagnostics, cleaning and removal of dust and dirt from the interior and exterior of the equipment, and necessary repair of the equipment) once within first 15 days of the installation once within the first 15 days of every alternate month during the currency of this agreement on a day and time to be mutually agreed upon. Notwithstanding the foregoing the VENDOR recognizes SBI PAYMENTS's operational needs and agrees that SBI PAYMENTS shall have the right to require the VENDOR to adjourn preventive maintenance from any scheduled time to a date and time not later than 15 working days thereafter.	The clause Stands withdrawn
9	136	PERFORMANCE GUARANTEE & PENALTY	Future additions of Hardware / Software: The SBI PAYMENTS would have the right to: i. Shift supplied systems to an alternative site of its choice ii. Disconnect / connect / substitute peripherals such as printers, etc. or devices or any equipment / software acquired from another vendor. iii. Expand the capacity / enhance the features / upgrade the hardware / software supplied, either from the vendor, or another vendor, or developed in-house. provided such changes or attachments do not prevent proper maintenance, from being performed or unreasonably increase the VENDOR cost of performing repair and maintenance service.	Future additions of Hardware / Software: The SBI PAYMENTS would have the right to: i. Shift supplied systems to an alternative site of its choice ii. Disconnect / connect / substitute peripherals such as printers, etc. or devices or any equipment / software acquired from another vendor. iii. Expand the capacity / enhance the features / upgrade the hardware / software supplied, either from the vendor, or developed in-house. provided such changes or attachments do not prevent proper maintenance, from being performed or unreasonably increase the VENDOR cost of performing repair and maintenance service.
10	34	Limitation of Liability	Regulatory or statutory fines imposed by a Government or Regulatory agency for non-compliance of statutory or regulatory guidelines applicable to the SBI PAYMENTS/Bank, provided such guidelines were brought to the notice of Service Provider.	Regulatory or statutory fines imposed by a Government or Regulatory agency for non-compliance of statutory or regulatory guidelines applicable to the SBI PAYMENTS/Bank, provided such guidelines were brought to the notice of Service Provider <b>and non compliance is due to the vendor.</b>
11	65	ANNEXURE-B1 - Technical & Functional Specifications	Adaptability of the terminal to take version of Android 5.1 & above OS in case of up-gradation or change as per future requirement.	The clause Stands withdrawn
12	67	ANNEXURE-B1 - Technical & Functional Specifications	Ability to upgrade RAM using SAM Slots	The clause Stands withdrawn
13	69	ANNEXURE-B1 - A. Terminal Functional Requirements	Terminal Management - The Bidder should provide The TMS system with unlimited licence at no extra cost and must have remote download capacity	Terminal Management - The Bidder should provide The TMS system with unlimited licence at no extra cost <b>up to 7 years</b> and must have remote download capacity

14	69	ANNEXURE-B1 - A.Terminal Functional Requirements	PCI (Payment card Industry) Approval- The terminal must meet the latest PCI mandates for PCI <b>DSS</b> , PCI , PTS and PCI PED and PCI PTS. Details of all approvals should be provided in the response to the RFP.	PCI (Payment card Industry) Approval- The terminal must meet the latest PCI mandates for PCI , PTS and PCI PED and PCI PTS. Details of all approvals should be provided in the response to the RFP.
15	69	ANNEXURE-B1 - A.Terminal Functional Requirements	Telecommunications - Full specifications regarding the range of telecommunications options available on all terminals should be clearly laid out in response to the RFP. Ability to connect to IP, GPRS, PSTN, Bluetooth and dual communication configurations should be supplied.	Telecommunications - Full specifications regarding the range of telecommunications options available on all terminals should be clearly laid out in response to the RFP. Ability to connect to IP, GPRS, Bluetooth and dual communication configurations should be supplied.
16	71	ANNEXURE-B1 - A.Terminal Functional Requirements	Terminal Software - Ownership/ IPR. - The RFP must address ownership of application software including the Intellectual Property rights of the software. Escrow arrangements may be required for the application and operating system software and proposals in this area are required.	Terminal Software - Ownership/ IPR. - The RFP must address ownership of <b>customised</b> application software including the Intellectual Property rights of the software. Escrow arrangements may be required for the application and <b>customised</b> software and proposals in this area are required.
17	82	Exhibit-3	Terminal Protocol Service <ul style="list-style-type: none"> <li>▪ Terminal protocol is ISO 8583 certified (10)</li> <li>▪ Terminal protocol is not ISO 8583 certified (00)</li> </ul>	Terminal Protocol Service <ul style="list-style-type: none"> <li>▪ Terminal protocol is ISO 8583 certified and supported through XML, JSON and other Java based Application architecture and third party system messaging. (10)</li> <li>▪ Terminal protocol is ISO 8583 certified (5)</li> </ul>
18	105 & 132	Annexure-L (3,6) & Annexure-M (10.9 & 10.12)	<b>On-site comprehensive warranty:</b> The warranty would be on-site and comprehensive in nature and back to back support from the OEM. The vendor will warrant all the hardware and software against defects arising out of faulty design, materials and media workmanship etc. for a period of three years from the date of acceptance of the hardware and software. The vendor will provide support for Operating Systems and other preinstalled software components during the warranty period of the hardware on which these software & operating system will be installed. The Vendor shall repair or replace worn out or defective parts including all plastic parts of the equipment at his own cost including the cost of transport.	<b>Off-site comprehensive warranty:</b> The warranty would be on-site and comprehensive in nature and back to back support from the OEM. The vendor will warrant all the hardware and software against defects arising out of faulty design, materials and media workmanship etc. for a period of three years from the date of acceptance of the hardware and software. The vendor will provide support for Operating Systems and other preinstalled software components during the warranty period of the hardware on which these software & operating system will be installed. The Vendor shall repair or replace worn out or defective parts including all plastic parts of the equipment at his own cost including the cost of transport.

19	107 & 134	Annexure-L (7L) & Annexure-M (10.13-m)	Preventive maintenance: the VENDOR shall conduct Preventive Maintenance (including but not limited to inspection, testing, satisfactory execution of all diagnostics, cleaning and removal of dust and dirt from the interior and exterior of the equipment, and necessary repair of the equipment) once within first 15 days of the installation once within the first 15 days of every alternate month during the currency of this agreement on a day and time to be mutually agreed upon. Notwithstanding the foregoing the VENDOR recognizes SBI Payments's operational needs and agrees that SBI Payments shall have the right to require the VENDOR to adjourn preventive maintenance from any scheduled time to a date and time not later than 15 working days thereafter.	The clause Stands withdrawn
20	108 & 134	Annexure-L (7-O) & Annexure-M (10.13-p)	The SBI Payments/Bank shall maintain a register at its site in which, the SBI Payments's operator / supervisor shall record each event of failure and / of malfunction of the equipment. The VENDOR's engineer shall enter the details of the action taken in such register. Additionally every time a preventive or corrective maintenance is carried out, the VENDOR'S engineer shall make, effect in duplicate, a field call report which shall be signed by him and thereafter countersigned by the SBI Payments's official. The original of the field call report shall be handed over to the SBI Payments's official	The clause Stands withdrawn
21	108 & 135	Annexure-L (7-P) & Annexure-M (10.13-q)	The VENDOR shall provide replacement equipment if any equipment is out of the premises for repairs.	The clause Stands withdrawn
22	109 & 125 & 136	Annexure-L (14) & Annexure-M(4.3.14-C & 10.21)	Expand the capacity / enhance the features / upgrade the hardware / software supplied, either from the vendor, or another vendor, or developed in-house.	Expand the capacity / enhance the features / software supplied, either from the vendor, or developed in-house.
23	70	ANNEXURE-B1 - A.Terminal Functional Requirements (Interfaces)	If the terminal can interface to EPOS or various front-office devices, please specify the existing system interfaces that have been certified. Is there a terminal concentrator configuration available to handle a large number of terminals within a specific merchant, perhaps a master/slave concept?	If the terminal can interface to EPOS or various front-office devices, please specify the existing system interfaces that have been certified. Is there a terminal (User, sub-user capability at software level) concentrator configuration available to handle a large number of terminals within a specific merchant, perhaps a master/slave concept?
24	34	Insurance	Transit insurance shall be for an amount equal to 110 percent of the value of the Products from on "All Risks" basis, valid for a period of one month after delivery of products at the defined destination.	Transit insurance shall be for an amount equal to 110 percent of the value of the Products from on "All Risks" basis, valid up to delivery at TSPs Locations.

25	107 & 133	Annexure-L (7h) & Annexure-M (10.13 i)	The Bidder shall rectify any defects, faults and failures in the equipment and shall repair/replace worn out or defective parts of the equipment during working hours i.e. from 8.00 A.M. to 8.00 P.M. on all working days (viz. Monday to Saturday). In case any defects, faults and failures in the equipment could not be repaired or rectified during the said period, the engineers of the VENDOR are required to accomplish their duties beyond the said schedules in case of any situation if it warrants. In cases where unserviceable parts of the equipment need replacement, the VENDOR shall replace such parts, at no extra cost to the SBI Payments/ BANK, with brand new parts or those equivalent to new parts in performance. For this purpose the VENDOR shall keep sufficient stock of spares at SBI Payments's premises and at the premises of The VENDOR.	The Bidder shall rectify any defects, faults and failures in the equipment and shall repair/replace worn out or defective parts of the equipment during working hours i.e. from <b>9.30 A.M. to 5.30 P.M.</b> on all working days (viz. Monday to Saturday). In case any defects, faults and failures in the equipment could not be repaired or rectified during the said period, the engineers of the VENDOR are required to accomplish their duties beyond the said schedules in case of any situation if it warrants. In cases where unserviceable parts of the equipment need replacement, the VENDOR shall replace such parts, at no extra cost to the SBI Payments/ BANK, with brand new parts or those equivalent to new parts in performance. For this purpose the VENDOR shall keep sufficient stock of spares at SBI Payments's premises and at the premises of The VENDOR.
26	12	Bid Preparation & Submission- iii (b)	<b>A soft copy (Word format)</b> on a CD should also be kept in a separate envelope within the envelope of technical Bid. Voluminous documents should be submitted only on CDs.	<b>A soft copy with signature/digital signature</b> on a CD/Pendrive should also be kept in a separate envelope within the envelope of technical Bid. Voluminous documents should be submitted on CDs/Pendrives <b>apart from physical delivery.</b>
27	28	30 iv & vi	Iv. Onsite comprehensive warranty for the solution would include free replacement of spares, parts, kits, resolution of problem, if any, in solution. vi. Support (Warranty/ AMC, if opted) would be on-site and comprehensive in nature and must have back to back support from the OEM	Iv. <b>Offsite</b> comprehensive warranty for the solution would include free replacement of spares, parts, kits, resolution of problem, if any, in solution. vi. Support (Warranty/ AMC, if opted) would be <b>off-site</b> and comprehensive in nature and must have back to back support from the OEM
28	66	Annexure B1	Keypad Details including number of function keys and rate for number of key presses	<b>Soft Keypad</b> Details including number of function keys and rate for number of key presses
29	78	<b>POS Terminal Hardware &amp; Processor</b>	<b>Processor Details:</b> <ul style="list-style-type: none"> <li>• ARM CORTEX A7(<b>10</b>)</li> <li>• Application Processor: ARM Cortex-A7 Quad Core (<b>5</b>)</li> <li>• Crypto Processor: ARM Cortex- M4 32-bit(<b>5</b>)</li> </ul> <b>Operating System</b> <ul style="list-style-type: none"> <li>• Android 5.1 OS without GSM or above(<b>10</b>)</li> <li>• Android below 5.1 (<b>5</b>)</li> </ul> <b>Weight: (With Battery)</b> <ul style="list-style-type: none"> <li>• Less Than 500 Gms (<b>10</b>)</li> <li>• More than 500 Gms(<b>5</b>)</li> </ul>	<b>Processor Details:</b> <ul style="list-style-type: none"> <li>• ARM Cortex-A7 Quad Core with M4 32 bits &amp; Above (<b>10</b>)</li> <li>• ARM Cortex-A7 Quad Core with M3 32 bits &amp; Above (<b>7</b>)</li> </ul> <b>Operating System</b> <ul style="list-style-type: none"> <li>• Android 7.1 OS without GSM or above(<b>10</b>)</li> <li>• Android 5.1 OS without GSM or above (<b>5</b>)</li> </ul> <b>DCC Transaction Processing capability</b> <ul style="list-style-type: none"> <li>• Android MCC level software 5 or more (<b>10</b>)</li> <li>• Android MCC level software between 2 - 5 (<b>5</b>)</li> <li>• Android MCC level software less than 2 (<b>0</b>)</li> </ul>
30	78	<b>Memory</b>	<b>SDRAM+ Flash</b> • 2 + 16 GB ( <b>10</b> )	<b>SDRAM+ Flash</b> • 2 + 16 GB ( <b>10</b> )

			• 1+ 8 GB <b>(00)</b>	
31	79	<b>Modem &amp; Connectivity</b>	Wireless wide area GSM/GPRS 4G compatible with 3G/2G + Wifi + Bluetooth on 850/900/1800/1900 MHz <b>(5)</b> <b>else Nil</b>	Wireless wide area GSM/GPRS 4G compatible with 3G/2G + Wifi + Bluetooth <b>(5)</b> <b>else Nil</b>
32	79	<b>Power/ Battery</b>	<b>(Battery Specifications)</b> • Battery Capacity 5000mAh or more voltage to be defined 5200mAH x 3.6V / 2600mAH x 7.2V <b>(10)</b> Battery output: 2X 3.7V Capacity in mAh : 3500 mAh Net capacity: 25.2 Wh, 3.7 V to 6.4 V • Battery Capacity <5000 ≤2600mAh <b>(05)</b>	<b>(Battery Specifications)</b> • Battery Capacity 5000mAh or more voltage to be defined 5200mAH x 3.6V / 2600mAH x 7.2V <b>(10)</b> Battery output: 2X 3.7V Capacity in mAh : 3500 mAh Net capacity: 16Wh to 20 Wh, 3.7 V to 6.4 V • Battery Capacity <5000 ≤2600mAh <b>(05)</b>