**Market research on Android POS terminals**

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### Introduction

Bank of Georgia invites qualified vendors to submit request for proposal of **Android-based** Point of Sale (POS) terminals as per the technical and functional requirements detailed below.

### Instructions for Market Research Participants

During the market research process, participants are required to submit all documents specified in the research requirements.

Additional information or clarifications can be obtained by contacting the designated contact person via email or phone during the research period.

After the research concludes, the evaluation committee will review the submitted information and identify the best-qualified provider.

### Terms and Conditions for Participation in the Market Research

The market research is announced for the purpose of concluding a purchase agreement with the selected winner, which will define the main terms of cooperation between the parties regarding the procurement of the requested products (hereinafter referred to as the “Agreement”).

In case of any conflict between the terms of the Agreement and the present document, the terms of the Agreement shall prevail.

It is mandatory to fully and accurately complete the price list in the attached documentation.

Please indicate the price in US Dollars, in accordance with **Appendix 1.**

### Technical Requirements

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### General Device Requirements

| **Requirement** | **Description** |
| --- | --- |
| **Operating System** | Android 12.0 or higher |
| **Form Factor** | All-in-one handheld POS terminal |
| **Processor** | Quad-core (1.3 GHz or higher) |
| **RAM/Storage** | Minimum 2GB RAM / 8GB Flash |
| **Display**  **Camera** | Minimum 5.0” color touchscreen, capacitive, HD resolution (720x1280 or higher)  Rear minimum 2MP, Front minimum 0.3MP (Optional) |
| **Battery** | Minimum 5000mAh, 8+ hours usage in normal operations |
| **Weight** | Not to exceed 500g |

### Payment Features

| **Requirement** | **Description** |
| --- | --- |
| **Card Reader** | EMV L1 & L2 certified chip card reader |
| **Magstripe Reader** | 3-track, bi-directional |
| **NFC Reader** | Contactless (Visa payWave, Mastercard PayPass, Amex ExpressPay, UnionPay QuickPass, etc.) |
| **PIN Pad** | PCI PTS 5.x or higher compliant, secure PIN entry on touchscreen |
| **QR Code Scanner** | 2D scanner (integrated or camera-based), capable of scanning dynamic/static QR codes |

### Connectivity

| **Requirement** | **Description** |
| --- | --- |
| **Wi-Fi** | 802.11 a/b/g/n/ac, 2.4GHz & 5GHz |
| **Bluetooth** | V5.0 or higher |
| **Mobile Network** | 4G LTE + fallback to 3G/2G; 1 SIM +1 SAM |
| **GPS** | Integrated GPS for location tracking |
| **Ports** | USB-C, charging dock compatibility (Optional) |

### Security

| **Requirement** | **Description** |
| --- | --- |
| **PCI Compliance** | PCI PTS 5.x or higher, SRED module supported |
| **Data Encryption** | End-to-end encryption, DUKPT key management support |
| **Tamper Protection** | Physical and logical tamper protection mechanisms |
| **Remote Terminal Management** | The POS terminals must be provided together with a Terminal Management System (TMS) that enables remote application and security updates, as well as device monitoring and management |

### Software & SDK

| **Requirement** | **Description** |
| --- | --- |
| **OS Customization** | Ability to run custom Android apps securely |
| **SDK Support** | SDKs for payment, printing, camera, barcode and communications |

### Printing

| **Feature** | **Description** |
| --- | --- |
| **Thermal Printer** | Paper Roll Outer Diameter: 40mm |

### Accessories

| **Item** | **Required** |
| --- | --- |
| **Charging Adapter and USB C cable** | 2x Per Device |

### Environmental Specifications

| **Attribute** | **Requirement** |
| --- | --- |
| **Operating Temperature** | -10°C to 50°C |
| **Humidity** | 5% to 95% RH |

### Warranty

| Requirement | Description |
| --- | --- |
| **Warranty** | Minimum 24 months hardware warranty |

### Market Research Requirements

* Production experience in POS terminals in the last 5 years;
* The manufacturer must provide the quantity of POS terminals produced in the last two years;
* Information on both the manufacturer’s production experience and the seller’s sales experience is required;
* The vendor is required to submit a minimum of three references from companies operating in any market, local or international;
* The vendor must provide detailed warranty terms, including the duration of the warranty period;
* It is mandatory to provide the estimated timeframe for delivering approximately 20 samples for use during a defined testing period;
* A detailed timeline is required, covering the period from sample confirmation to delivery within Georgia;
* All documents and information to be uploaded by the bidder must be certified by the signature and stamp of an authorized person;
* The supplier should provide an option to customize parts of the POS terminal casing in a color selected by the client, upon request; if such an option is available, please include the commercial proposal in **Appendix 1**;

### Additional Information

* Please note that the announcement of this market research does not oblige the bank to enter into a contract with any vendor. Furthermore, the bank reserves the right, as a result of the research, to conclude a contract with one or more suppliers at its discretion, without conducting additional price inquiries or announcing a tender.
* Winning the market research process does not constitute a prerequisite for entering into a contract with the Bank. In addition to being selected as a winner in the market research, the conclusion of a contract is subject to verification of the bidder’s compliance with the legislation of Georgia, international sanctions, and the Bank’s internal policies and procedures.
* As part of this verification process, if any non-compliance with the legislation of Georgia, international sanctions, or the Bank’s internal policies and procedures is identified, the Bank reserves the right to refuse to enter into a contract with the bidder. The Bank shall inform the bidder of such refusal by indicating the general grounds for the decision.

### Appendix One: Commercial Proposal

|  |  |  |
| --- | --- | --- |
| Unit Price | QTY | Total Cost |
|  | <1000 |  |
|  | 1000-3000 |  |
|  | 3001-5000 |  |
|  | 5000< |  |

|  |  |  |
| --- | --- | --- |
| Unit price with customization | QTY | Total Cost |
|  | <1000 |  |
|  | 1000-3000 |  |
|  | 3001-5000 |  |
|  | 5000< |  |

* The offered price must remain valid for a minimum of 90 calendar days;
* The offered price must include all legally required taxes and fees, as well as any applicable transportation costs;

### Appendix Two: Bank Details

* Organization Name:
* Identification Number:
* Legal Address:
* Actual Address:
* Director’s Full Name:
* Director’s Personal Identification Number:
* Director’s Contact Number:
* Contact Person’s Full Name:
* Contact Person’s Personal Identification Number:
* Contact Person’s Phone Number:
* Email Address:
* Website:
* Bank Name:
* Bank Code:
* Bank Account Number: