

Requirement of POS device for PDS application

Within Government it has been proposed to introduce smart cards for the Public Distribution System in various parts of the country. Thereby performing all the foods and other commodities transaction at fair price shop and other government outlets through smart cards and related device. In order to perform these transactions a device shall be required with the following broad features.

1. Should be capable of running the transaction application software.
2. Should have minimum two ISO7816 or ISO14443A & B compliant slots.
3. Should have convenient graphical display for displaying beneficiary image.
4. Should have easy to use keyboard by fair price shop operator.
5. Must have the GPRS connectivity for transmitting data to center server.
6. Should be capable of performing finger print verification.
7. Should have built-in thermal /impact printer.
8. Should be capable of running without power supply through mains for minimum six hours.
9. The device should be based on a Standard operating system e.g. WINDOWS/LINUX, and should have standard development environment e.g. Java, C, Vb etc.
10. Should be robust enough to run in a rough and dusty environment for long period of time.
11. Should be built in a tamper proof rugged body.

All interested industry players supporting a device fulfilling above broad requirement may send their inputs to following e-mail addresses. They should also be ready to demonstrate their product on a given date which shall be not beyond 15th Dec.2008.

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