

(CSO/IT/1/2012/SBMs Date :11.01.2012)

As per the initial Tender Doc.	Corrigendum already uploaded	Changes (Pl. follow this specification while submitting tender)
Clause No.5 (4.1.1) : Energy meters through suitable communication port which is RS232, Optical port and IR Port, RF Port etc	Clause No. 5(4.1.1): We do not need IR and RF ports. However, Optical port and USB Host port needs to be provided.	Clause No.5 (4.1.1) : Energy meters through suitable communication port which is RS232, Optical port and RF Port etc.
Clause 5(10): High speed 32 bit processor with Minimum 72 speed. The SBM must be PC compatible and run latest MS DOS version /Linux/windows or higher with latest version /editions. The facility to upgrade the BIOS /OS shall be available without exposing the hardware of SBM. The additional program necessary to transfer application programs with USB port shall be provided.	Clause 5(10): Clock frequency of the CPU should be minimum 180MHz. However clock frequency better than this will be preferred.	Clause 5(10): High speed 32 bit processor with Minimum <u>180 MHz</u> . The SBM must be PC compatible and run latest MS DOS version /Linux/windows or higher with latest version /editions. The facility to upgrade the BIOS /OS shall be available without exposing the hardware of SBM. The additional program necessary to transfer application programs with USB port shall be provided.
5(4.5 & 4.6):The SBM shall have impact printer with 24 column alpha numeric,144 dots/line 57mm (2.2 inch) wide paper. The SBM's need to provide a facility to download bill data to an RFID card (4 KB size). The SBM should have the facility to read the RFID card, when the consumer produces the same for effecting bill payment.	Further, RFID tag reader should be provided in the SBM. The contactless reader should be able to read and write with card interface confirming Hitag-S 125 KHz	Further, RFID tag read / <u>write</u> should be provided in the SBM. The contactless reader should be able to read and write with card interface confirming Hitag-S 125 KHz
5(14.1): SBM shall have minimum two serial ports and one IR port. One port shall be serial port RS232C compatible and another port can be used for convenience of connecting peripherals such as bar code readers, printers, battery charger, loader charger etc. (1 USB secondary port, 1 LAN (RJ 45 connector, 1 Micro SD connector, IR/RF/GPRS)	5 (14.1) IR port is not required. The other ports as specified are needed to be provided in the SBM. Additionally, the SBM should provide Optical port and USB host port.	We may write specifically about the number of ports required in the SBM e.g. <ul style="list-style-type: none">- 1xRS 232 serial port- 2xUSB Port (One master /Host port)- 1xLAN (RJ 45 connector)- 1xMicro SD Card <u>interface</u>.- 1xRF Port etc
	a) We will have multi level security authentication (for example login id and password), so that there will not be any mismatch of transaction. b) Since we will develop the application in house we should require the following from the successful bidder/s in addition to developmental support for hand holding for two months. i. Various drivers. ii. Various libraries and files. iii. SDK's and API's.	a) We will have multi level security authentication (for example login id and password), so that there will not be any mismatch of transaction. b) Since we will develop the application in house we should require the following from the successful bidder/s in addition to developmental support for hand holding for two months. i. Various drivers. ii. Various libraries and files. iii. SDK's and API's. <u>For developmental support: It is required that the concerned technical staff of the vendor will have to work with our technical staff in our premises to develop and implement the necessary application.</u>
Additional specifications for the SBM: (a) GPS enabling is mandatory for 150 SBMs / HHUs. Vendor shall furnish separate price for this provision. (b) The SBM's should be able to operate camera provision to take photograph of meter reading. The camera provision can be either internal or external. The rates for internal or external camera are to be quoted separately. The spec of the camera is: Min 4 Megapixel 150 flashing to be made per charging.		