

To be submitted by Tenderers

Schedule XX Factsheet of Proposed LoRaWAN Device

Tenderers shall submit this factsheet together with the device specification upon submission of this tender. Failed to complete or any non-compliance of the mandatory requirements may lead to non-compliance of this tender.

Item: e.g. parking sensor type A (item 1.1 in schedule A)

Manufacturer: _____

Device Model / Version: _____

	Sensor Characteristics The proposed LoRaWAN device model:	Mandatory Level (Must / Preferred)	Tenderer's Response (Comply / Not Comply)
1	supports uplink random LoRaWAN channel selection	Must	
2	supports Adaptive Data Rate (ADR)	Must	
3	supports Over-the-Air Activation (OTAA) activation mode	Must	
4	supports LoRaWAN class <u>A/B/C*</u> characteristics	Must	
5	supports <u>event triggered/configurable scheduled reporting*</u> data uplink method	Must	
6	supports heartbeat message at least once a day	Must	
7	is powered by <u>battery-cell/PV-panel/AC source*</u>	Must	
8	<u>supports the reporting of battery level in payload *</u>	Must	
9	supports automatic and/or scheduled re-join (re-activation) mechanism	Preferred^	
10	supports configurable DEV_EUI, APP_EUI and APP_KEY	Preferred^	
11	supports remote configuration and firmware upgrade via downlink messages	Preferred^	
12	supports confirmation uplink function with configurable frequency	Preferred^	
13	collects data that can be decoded/processed solely on EMSD's LoRa network server	Preferred^	

NOTES FOR USING THIS SCHEDULE:

*please edit and / or delete whichever not applicable

^ please update the mandatory level from "Preferred" to "Must" if consider appropriate