

NIT No. RECPDCL/TECH/AMI-CED/e-Tender/2016-17/3932 Dated: 09.03.2017

Amendment/Clarification-2

Dated:06.04.2017

S. No.	Vendor	Page No. / Clause No.	Technical Specifications as per RFP	Queries / Modifications / Changes Suggested	Vendor's Remarks	Clarification	Remarks Type
1	M/s Landis+Gyr	4	865-867 MHz with +/- 2 MHz of Licence Band with 10 years of licenee as per RFP	865-867 MHz of Licence Band/ Free band with 10 years of licenee as per RFP	+/- 2 is not required since RF 865-867 MHz itself defines the bandwidth	Bid will be evaluated as per RFP and latest amendment if any.	Clarification
2	M/s Landis+Gyr	18	OEM should have min 2 years of experience in Smart meter manufacturing in India and also have supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian or Global Power Utilities in any 2 years, during last 7 years and have manufactured at least 5000 meters for AMI project duly type tested as per BIS & NSGM guidelines in last 3 years.Total rejection of meters should be less than 1% at field due to manufacturing defects and all such meters are installed and working well as AMR with all H/w & S/w	OEM should have min 2 years of experience in Smart meter manufacturing in India and also have supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian or Global Power Utilities in any 2 years, during last 7 years. Total rejection of meters should be less than 1% at field due to manufacturing defects and all such meters are installed and working well as AMR	Deletion of Indian Standard and NSGM guidelines	OEM should have min 2 years of experience in Smart meter manufacturing in India and also have supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian or Global Power Utilities in any 2 years, during last 7 years. Total rejection of meters should be less than 1% at field due to manufacturing defects and all such meters are installed and working well as AMR with all H/w & S/w. The supplier / manufacturer would furnish valid BIS certification with latest amendments before supply of meters.	Amendment
3	M/s Landis+Gyr	3	Installation,commissioning and integration of all AMI Hardware,Software,field material in Project Area and Site Acceptance test (SAT)		Clarity required for lot-wise payment	Pls refer latest amendments	Amendment
4	M/s Landis+Gyr	Marking Table: 4 Experience	The Bidder must have successfully executed & implemented AMR/AMI projects in an Indian Power Distribution Utility in the last 7 years covering implementation of minimum 12,000 nos. of Meters with required hardware, software and other associated accessories and project should have been operational for at least 01 year in last 05 years.	The Bidder must have successfully executed & implemented AMR/AMI projects in an Indian or Global Power Distribution Utility in the last 7 years covering implementation of minimum 12,000 nos. of Meters with required hardware, software and other associated accessories and project should have been operational for at least 01 year in last 07 years.	Global experience to accept Project timeline to change to 7 years to match the flow of the other requirements	The Bidder must have successfully executed & implemented AMR/AMI projects in an Global/ Indian Power Distribution Utility in the last 7 years covering implementation of minimum 12,000 nos. of Meters with required hardware, software and other associated accessories and project should have been operational for at least 01 year in last 05 years.	Amendment
5	M/s Landis+Gyr	Marking Table: 6 Indian Power Distribution Utility	Bidder must have successfully executed & implemented AMR/AMI projects in an Indian Power Distribution Utility in the last 7 years	Bidder must have successfully executed & implemented AMR/AMI projects in an Indian or Global Power Distribution Utility in the last 7 years	Global experience to accept	Not considered	Clarification
6	M/s Landis+Gyr	Marking Table: 8 Meter Capacity	Min 2 years of experience in Smart meter manufacturing and supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian Power Utilities in any 2 years, during last 7 years.	Min 2 years of experience in Smart meter manufacturing and supplied at least 25,000 AMI/AMR meters on RF/GPRS/In-built modem & related equipment to Indian or Global Power Utilities in any 2 years, during last 7 years.	Request to consider global projects	Pls refer latest amendments	Amendment
7	M/s Landis+Gyr	Marking Table: 8 Meter Capacity	Manufactured at least 5000 meters for AMI project duly type tested as per BIS & NSGM guidelines in last 3 years.	Please delete this clause and adjust the 5 marks in earlier points	Request to delete the Indian BIS and NSGM requirement	Deleted from QCBS marking	Amendment
8	M/s Landis+Gyr	Refer point 2, point 56 and point 62 of clarifications document	-	For sizing, there are 2 different replies. Please confirm if the software modules like MDMS, consumer portal etc. as well as hardware need to be provided for 2,00,000 consumers OR do we need to provide license for 30,000 consumers with an incremental license cost for every 5000 consumers		Bidder to provide license for 30,000 consumers with an incremental license cost for every 5000 consumers	Clarification
9	M/s Landis+Gyr	Refer point 3	-	Apart from basic analytics/ reporting as apart od standard MDMS solution, do we need to provide smart grid analytics module?		Meter data Analytics should be considred as a part of MDM solutions.	Clarification
10	M/s Landis+Gyr	Refer point 5 and point 11...both look contradictory	-	Please confirm if we need to provide prepayment module or there is an existing module?		In order to comply required functionalities as per clause 4.1 page 96, clause 4.3 at page no 100	Clarification
11	M/s Landis+Gyr	Refer point 24 which says its a futuristic requirement	-	Do we need to provide PLM/demand response module in the current proposal or not?		Yes, Pls refer CEA's AMI functionalities requiremnt document released in Aug 2016.	Clarification

12	M/s Landis+Gyr	Refer point 6 and point 25	-	It is mentioned in the clarifications point 6 that "MDM should support EV Charging Module" however in point 25 it says, " This is a futuristic requirement, system should be able to cater to it". Please clarify.		MDM should also support the interfacing of other smart grid functionalities like Distribution Transformer Health Monitoring system, self-healing system, electric vehicle etc. as and when implemented by the utility. (Pls refer CEA's AMI functionalities requirement document released in Aug 2016.)	Clarification
8	M/s L&T	2.3.4.23 Internal diameter of the terminal holes and Depth of terminal hole.	5.5mm (minimum) and 25 mm	These requirements are for whole current meters, not for CT operated meters. Request change the same.		These requirements are for whole current meters, not for CT operated meters.	Amendment
9	M/s L&T	2.3.9. TERMINALS, TERMINAL BLOCK	2.3.9.5. Internal diameter of the terminal holes shall be minimum 5.5 mm; minimum clearance between adjacent terminals shall be 10 mm. Depth of the terminal holes shall be of 25 mm.	These requirements are for whole current meters, not for CT operated meters. Request change the same.		These requirements are for whole current meters, not for CT operated meters.	Amendment
22	M/s Landis+Gyr	Abnormal tamper conditions, 2.1.4.40.	(b) frequency in tamper snapshot (c) Logging of intensity of tamper as per Table 5 All tamper should be configurable...	(b)- Please delete Frequency from tamper snapshot as it is not defined in IS 15959 Part 2 (c)- Intensity logging for destructive tamper is not possible. Meters will be provided with immunity/logging as per known zigs available (d) Need clarity on field configurability workflow for tamper logics		(b)- deleted	Amendment
26	M/s Landis+Gyr	Display Units, 2.2.19.	The kWh & kVAh.....8 digits LCD display....	Meters are provided with 7 main digit LCD display. These are sufficient for WC current range and energy consumption. Please ammend the requirement to 7 digits		Meters are provided with 7 main digit LCD display. These are sufficient for WC current range and energy consumption.	Amendment
27	M/s Genus	Single phase – 2.1.4.37- f Page no . 26	Android based or windows based HHU shall be preferred.	Request to add Linux based also.		Android based/ windows/Linux based HHU shall be preferred.	Amendment