Tender No   TPCODL/ P&S/ 168/ 20-21
Package Name   SITC of MDMS
Document   Additional response to Pre-bid queries

Sr. No.	Detailed Reference to concerned Document . Please specify Document No / Clause No / Page No	Description as per Bid Document	Query / Clarification / Deviation	TPCODL Response
1	2	3	4	5
1	TN_168_FINAL/1.1.2 MDMS Functional Requirements/ Page No 70 TN_168_FINAL/1.3.2 System Sizing and Scalability/ Page No 76	1.1.2 MDMS Functional Requirements: Page-70 22. MDMS should have capability to retain data of at least 3 lakh endpoints for last 5 years (All type meter data). 1.3.2 System Sizing and Scalability - page 76 System Sizing: System Sizing to be based on considering approx. 3 lakh endpoints with a data storage of 5 years for maximum of 16 channels 15 Minute of interval data along with all other type of meter data.	How many years of data to be maintained? Is it 2 years online/5 years offline, or 5 years online? Please clarify.	The clarification towards mentioned clause has been provided vide Sr. No. 62 & Sr. No. 92 of Pre-bid query response uploaded on 25th Jan 2021 The following can be considered as the revised response. Data storage is to be maintained for 5 years which includes 2 years online and 3 years offline data. Further Data archiving script shall be provided by the bidder.
2	Corrigendum I/ANNEXURE I (Revised) Schedule for Items/Page No 2	2a Base software price and License fee for 3,00,000 end points for Smart Meters 1 Lot 2b For 40,000 Legacy Meters 1 Lot 2c Incremental at the rate of 50,000 end points for Smart Meters valid for 7 years. 6 Lot	What is the total sizing to be considered by the bidder? Is it 300K + 40K existing? Or 10 Lakh Meters? If 300K is the total sizing to be considered, what is 50K lot tenure? Is it with in 1 year (every 50K per 2 months which is 300k per year? Or If the total sizing to be done for 10lakhs, what is the tenure to factor 50K slot? What is the estimated time/scalability to reach 10lakh	The clarification towards mentioned clause has been provided vide Sr. No. 29 of Pre-bid query response uploaded on 25th Jan 2021. The following can be considered as further clarification to previous response. Total sizing to be considered is 300K + 40K. Scalability - 10 lakh meters. For 50k lot, pls refer to Schedule for items - 2c and Notes of Schedule for items.
3	TN_168_FINAL/Scope of Work and Technical Specifications/Page No 80	2. The system shall have built-in processes to archive data to external data storage	Assuming, this shall be done using inbuilt DB archiving mechanism by storing the data into separate storage LUN. Is our understanding correct?	Unterstanding is correct, but the archiving script shall be provided by the bidder. Different data will have different archiving period. (Ex- All LS will be archived in 2 years and all Billing data will be archived in 6 months)
			If not, what is the envisaged archive archive media? Disk based or Tape based?	Bidder has to decide the best solution considering reliability and redundancy.
4	TN_168_FINAL/Current Hardware Details/Page No 74	System Requirements/ Compliance Sheet	Backup solution requirement is not mentioned in the RFP. Please specify whether backup solution required or not. If yes, disk based / tape based backup solution?	Yes backup solution is required. Bidder has to decide the best and reliable backup solution.
5	TN_168_FINAL/Current Hardware Details/Page No 75	The Proposed hardware infrastructure should be for TPCODL's primary and secondary datacenter considering DR replication.	DR capacity – Is it 50%/100% DR, what is envisaged? Proposing 50% DR would be fine?	To be designed for 100% capacity.
6	TN_168_FINAL/Current Hardware Details/Page No 75	The Proposed hardware infrastructure should be for TPCODL's primary and secondary datacenter considering DR replication.	What is the distance between DC&DR? Is it near DR or far DR? What is the latency between DC-DR?	DR is yet not decided.
7	TN_168_FINAL/Current Hardware Details/Page No 75	The Proposed hardware infrastructure should be for TPCODL's primary and secondary datacenter considering DR replication.	Please share the existing DC-DR bandwidth details and confirm on who will provide bandwidth for DC-DR replication and other required ILL bandwidth etc.	DR is yet not decided.
8	TN_168_FINAL/Current Hardware Details/Page No 75	The proposed storage and SAN solution should have redundancy feature	What is envisaged replication method? Is required a SAN-SAM or VM based?	Bidder has to decide the best solution considering reliability and redundancy.
9	TN_168_FINAL/1.1.2 MDMS Functional Requirements/Page No 69	The MDMS shall be capable of running under a virtualized environment	Does the virtualization solution is mandate? What is the preferred virtualization?	TPCODL has future plan for virtualized platform. Currently TPCODL doesnot have the virtualized platform. For MDMS the bidder can propose for suitable virtualized platform in the scope.