



Tender Enquiry No- TPCODL/ P&S/ 167/ 20-21
Date- 12.01.2021

CORRIGENDUM-I

Open Tender Notification for

PART-A: Supply of Different Types of SMART ENERGY METERS Under Smart Metering Solution.

PART-B: Supply, Installation, Testing, Commissioning, Integration, Communication, Operation & Maintenance of HEAD END SYSTEM Under Smart Metering Solution.

This is to intimate all concerned that following amendments are made in the open tender for Supply of Different Types of SMART ENERGY METERS Under Smart Metering Solution (Part-A) & Supply, Installation, Testing, Commissioning, Integration, Communication, Operation & Maintenance of HEAD END SYSTEM Under Smart Metering Solution (Part-B) floated vide Tender Enquiry No- TPCODL/ P&S/ 167/ 20-21.

Calendar of Events

Page No/ Clause Ref.	Content	Existing	Modified as
Pg. 4 of 35/ Cl. 1.3 (b)	Date by which Interested and Eligible Bidder to pay Tender Fee and confirm participation as mentioned in “Procedure to Participate in Tender”	08.01.2021; 15:00 Hours	19.01.2021; 15:00 Hours
Pg. 4 of 35/ Cl. 1.3 (c)	Last Date of receipt of pre-bid queries, if any	13.01.20201; 15:00 Hours	23.01.20201; 15:00 Hours
Pg. 4 of 35/ Cl. 1.3 (e)	Last Date of Posting Consolidated replies to all the pre-bid queries as received	25.01.2021	01.02.2021
Pg. 4 of 35/ Cl. 1.3 (f)	Last date and time of receipt of Bids	31.01.2021; 15:00 Hours	08.02.2021; 15:00 Hours

Qualifying Requirements

Sl. No.	Page No	Clause No	Existing Requirement	Amended Requirement
1	Pg. 6 of 35	1.7/ 2./ 1	The bidder should have supplied at least 10,00,000 nos. of Static energy meters and 50,000 SMART Energy Meters during the last 5 Financial Years.	The bidder shall meet both conditions a) and b) as stated below: a) The bidder should have supplied minimum 10,00,000 nos. of Static energy meters during the last 5 Financial Years. b) The bidder shall have supplied minimum 50,000 SMART Energy Meters during the last 5 Financial Years. Else, the bidder shall be a techno-commercially qualified OEM in smart meter tender of TPDDL / TPC-Mumbai and should have received RC / PO for the supply of smart meter and commenced delivery of smart meters.
2	Pg. 6 of 35	1.7/ 2./ 3	The bidder should have experience of handling data of more than 3 lakhs meters on cellular technology.	The bidder should have experience of handling data of more than 1 lakhs meters on AMI technology.
3	Pg. 16 of 35	7.5	<u>Against Supply of Meters</u> 60% along with 100% GST payment shall be released within 45 days from the date of submission of certified bills/ invoices after Successful integration testing of meters with HES at Factory, supply & receipt of meters in Store. Balance 40% amount will be retained up to the successful integration of meter with the Head End System (HES) along with data acquisition & will be released after One (1) year supply if such integration cannot be completed for reasons solely attributed to TPCODL.	<u>Against Supply of Meters</u> 60% along with 100% GST payment shall be released within 45 days from the date of submission of certified bills/ invoices after Successful integration testing of meters with HES at Factory, supply & receipt of meters in Store. Balance 40% amount will be retained up to the successful integration of meter with the Head End System (HES) along with data acquisition & shall be payable on pro-rated basis for the meters which are integrated from time to time. If such integration cannot be completed for reasons solely attributed to TPCODL, then the balance payment will be released after One (1) year from the date of supply.

Technical Specification

4	SP SEM TS Pg. 8 of 49	4.2.2.10	The bidder should have back to back Service Level Agreements (SLA) with NIC (RF) provider, communication network provider and component suppliers, meeting this specification	The bidder should have back to back Service Level Agreements (SLA) with NIC provider, communication network provider and component suppliers, meeting this specification
5	3P WC SEM TS Pg. 9 of 37	4.2 g)	NIC shall have persistent network connectivity throughout as defined by 4G and NBIoT standards.	NIC shall have persistent network connectivity throughout as defined by 4G standards.
6	3P WC SEM TS Pg. 9 of 37	4.3.10	Additional exceptional events should also be communicated to HES by meter immediately after the occurrence through RF / RF Mesh	Additional exceptional events should also be communicated to HES by meter immediately after the occurrence.
7	3P WC SEM TS Pg. 9 of 37	4.3.14	Also, the Bidder must ensure that, the mode of communication used for RF shall be consistent with the Government of India stipulations	Also, the Bidder must ensure that, the mode of communication used shall be consistent with the Government of India stipulations
8	3P WC SEM TS Pg. 10 of 37	4.3.19	Meter once powered up with NIC card should be self-detected by RF network and its basic name plate details & current readings are transferred to HES.	Meter once powered up with NIC card should be self-detected by network and its basic name plate details & current readings are transferred to HES.
9	LTCT SEM TS Pg. 8 of 36	4.3.10	Additional exceptional events should also be communicated to HES by meter immediately after the occurrence through RF / RF Mesh	Additional exceptional events should also be communicated to HES by meter immediately after the occurrence.
10	LTCT SEM TS Pg. 9 of 36	4.3.14	Also, the Bidder must ensure that, the mode of communication used for RF shall be consistent with the Government of India stipulations	Additional exceptional events should also be communicated to HES by meter immediately after the occurrence.
11	LTCT SEM TS Pg. 9 of 36	4.3.19	Meter once powered up with NIC card should be self-detected by RF network and its basic name plate details & current readings are transferred to HES.	Meter once powered up with NIC card should be self-detected by network and its basic name plate details & current readings are transferred to HES.



Price Bid

Annexure-I	Price Schedule for Items	New scope added	Please refer attached Schedule for Items (Revised) [Annexure-I]
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All other terms and conditions of the above tender remain unaltered.

By Order,
Chief (Procurement & Stores)

ANNEXURE-I
Schedule for Items (Revised)

Part-A Supply of Different Types of SMART ENERGY METERS Under Smart Metering Solution							
Line Item	Description	Qty	UoM	Ex. Work (in Rs.) A	GST (in Rs.) B	Unit Price with GST (in Rs.) A+B	Amount (in Rs.) Q x (A+B)
1	2	3	4	5	6	7	8
Part-A/ Lot-1	Supply of Single Phase Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-1) of TPCODL.	70,000	EA				
Part-A/ Lot-2	Supply of Three Phase Whole Current Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-2) of TPCODL.	1,70,000	EA				
Part-A/ Lot-3	Supply of LTCT Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-3) of TPCODL.	3,000	EA				
Part-A/ Lot-4	Supply of Three Phase 11KV/110V HTTV Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-4) of TPCODL.	550	EA				

Part-A/ Lot-5	Supply of Three Phase 33KV/110V HTTV Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-5) of TPCODL.	50	EA				
Part-A/ Lot-6	Supply of Three Phase DT Smart Energy Meter as per Technical Specification mentioned in TN-TPCODL/ P&S/ 167 (Part-A)/ 20-21 (LOT-6) of TPCODL.	12,000	EA				
TOTAL (Part-A)							
Total (Part-A) Rupees in words		Rs. (-----) Only.					
Part-B	Supply, Installation, Testing, Commissioning, Integration, Communication, Operation & Maintenance of HEAD END SYSTEM Under Smart Metering Solution						
Line Item	Description	Qty	UoM	Ex. Work (in Rs.) A	GST (in Rs.) B	Unit Price with GST (in Rs.) A+B	Amount (in Rs.) Q x (A+B)
1	2	3	4	5	6	7	8
Part-B/ Supply -a)	Web based software solution (Shall be hosted on Cloud) inclusive of Head End System (database included), web application, data archiving , system integration with MDMS, End to end Communication from meter till TPCODL Control Center and any other item required to deploy the application for 250000 end Points	1	Lot				
Part-B/ Supply -b)	Incremental price for a block of 50,000 end points for SMART Meter web based	5	Lot				

	software solution valid for 7 years as per above scope Part-B/ Supply-a)						
Part-B/ Service	Facility Management services (inclusive of communication network after go live. Till go live, bidder has to bear the cost of the hosting system on cloud)	7	Year				
	Cloud Hosting Charges	7	Year				
	SIM card rental	2.5 Lac (on need basis)	Per card/per month				
Total (Part-B)							
Total (Part-B) Rupees in words		Rs. (-----) Only.					
Total All Inclusive Cost of Ownership (Part-A +B)		In Figure Rs.					
		In words Rs. (-----) Only.					

NOTE:

- The overall period of the rate contract shall be for a period of 2 years and prices shall be firm till the validity of contract. Release order shall be issued as per requirement of TPCODL.
- The bids will be evaluated commercially on the overall lowest cost in line item basis.
- The unit price with GST in column no. 7, is landed price for TPCODL at their Central store Bhubaneswar / Cuttack.
- The bidders are advised to quote prices strictly in the above format. Failing to do so, bids are liable for rejection.
- The bidder must fill each and every column of the above format. **Mentioning “extra/inclusive” in any of the column may lead for rejection of the price bid.**
- No cutting/ overwriting in the prices is permissible.
- The quantity may vary as per actual requirement.
- FMS charges shall not be less than 20% of the value for Part-B/Supply-a).
- The rates quoted under **Part-B/ Supply-b)** shall be valid for 7 years and TPCODL reserves the right to order any quantity as per their business requirements.

Signature & Seal of the Bidder