

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
1	Clause 8.4 Page No. 28	CONTRACT PERIOD: The contract period shall be initially for a period of 5 years plus implementation period and the extension of the contract period shall be at the sole discretion of RECTPCL	We understand that any statutory variation in existing rates of taxes /duties / levies / charges and implementation of GST during contractual completion period will be to customers account and shall be applicable for extended period also. Please confirm. In case if the contract is extended for a further period, bidder reserves the right to submit revised price for the extended period. Request M/s RECTPCL to accept the same.			Bidder are requested to refer Clause No- 8.33 Payment Terms – Taxes & Duties. The provisions of Bid Documents shall prevail.
2	Page no. 4	EARNEST MONEY DEPOSIT (EMD) Bidders	Bidders, who are registered with MSME, are exempted from submission of Tender Fee, Tender			Bidders who are registered as MSME are exempted from EMD only.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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			<p>Processing Fee, EMD, Security Deposit, Performance BG.</p> <p>We request you to kindly consider MSME registration & allow exemption to bidders who are registered with MSME from submission of Tender Fee, Tender Processing Fee, EMD, Security Deposit, Performance BG.</p>			
3	C. Bid Prices Page No. 22	Any statutory variation in existing rates of taxes /duties/ levies/charges during contractual completion period only of contract will be to RECTPCL/DISCOM account. However, for claiming any such statutory variation, the contractor is required to furnish the documentary evidence / proof in support of the same for scrutiny and approval. Any	<p>We understand that any statutory variation in existing rates of taxes /duties/ levies/charges and implementation of GST during contractual completion period will be to customers account and shall be applicable for extended period also. Please confirm.</p>			Provisions of Bid Documents re amply clear.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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		downward variation in above rates of taxes /duties /levies will have to be passed on to the RECTPCL/DISCOM				
4	Techno-commercial bid Evaluation Page No.23	The Bidding process is designed to select the vendor through technical qualification requirement. 1.1 First Stage-Fulfillment of Eligibility Criteria: The Techno – Commercial evaluation	To ensure successful implementation of project, technically competent bidder is essential. Hence, We request RECTPCL to arrange for “Proof of Concept” from Technically Qualified Bidders before declaring them “Technically Qualified Bidder”. Price Bid of Bidder(s), who is Technically Qualified as well as meets minimum requirements of POC, should be open. We request you to kindly amend the clause accordingly & confirm.			The provisions of Bid Documents shall prevail.
5	Clause No. 8.5	IMPLEMENTATION PERIOD: The implementation period	Looking into the broad scope of tender			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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	Page No. 28	shall be six months from the date of issue of work order where in all the hardware, software; resources etc. should be installed/deployed.	and quantities to be provided, we request M/s RECTPCL to accept the implementation period of at least 10 months from the date of issue of work order. Please confirm.			
6	Clause No. 8.6 Page No. 28	TERMINATION OF CONTRACT: The termination of contract is based upon the performance of the work. If the average meter read provided by the contractor is less than 75% in three consecutive months, then the contract may be terminated.	We understood that the Percentage of Meter Reading are excluding the reasons not attributable to the vendor (like Performance / Working of HT Meter, etc.). Please confirm. Also confirm, at the time of Termination of Contract, RECTPCL shall make 100% payment to the supplier for the products / systems implemented &/or Service Provided to RECTPCL.			The provisions of Bid Documents shall prevail.
7	Clause No. 8.8 Page No. 29	HANDING OVER ON TERMINATION/ PROJECT COMPLITON:	In the event of Termination of Contract, please confirm RECTPCL			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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		8.8.2 Application software with source code and required licenses	shall make 100% payment to the supplier for the products / systems / services provided at RECTPCL. Application Software Source Code is intellectual Property & hence cannot be provided. However, Software with required licenses can be handed over to RECTPCL. Please amend the clause accordingly.			
8	Clause No. 8.28 Page No. 34	REPLACEMENT OF DEFECTIVE /DAMAGED MATERIALS Notwithstanding anything contained in the above liquidated damages clause when the whole or part of the materials are found to be defective/damaged or are not in conformity with the specification or sample, such defects or damages in the materials supplied shall be rectified within 120 working	As this contract shall fall under service contract on BOOT basis, we understand that Liquidated Damages clause shall not be applicable. And also for non-availability of data due to any defects, penalty for performance is already being levied for the same under Penalty Clause. Hence			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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		hours from the time of intimation of defect/damage either at the point of destination or at the Agency's works, at the cost of Agency,	request M/s RECTPCL to waive off the Liquidated Damages clause under this contract.			
9	Page No. 26	PERFORMANCE DEPOSIT	Bidders, who are registered with MSME, are exempted from submission of Tender Fee, Tender Processing Fee, EMD, Security Deposit, Performance BG. We request you to kindly consider MSME registration & allow exemption to bidders who are registered with MSME from submission of Tender Fee, Tender Processing Fee, EMD, Security Deposit, Performance BG			Bidders who are registered as MSME are exempted from EMD only.
10	Point 5 Page No. 37	INITIAL BEARING ADVANCE: - Advance shall be released only after Submission and acceptance of unconditional & irrevocable Bank Guarantees which should be of 110% of the advance amount.	We request M/s RECTPCL to accept the bank guarantee of the same amount of which the advance is being released. Kindly confirm.			The provisions of Bid Documents shall prevail.

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S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
11	Clause No. 8.34.7 Page No. 41	For any delay in implementation and rollout schedule, as per Clause 8.32, a penalty @1/2% (half percent) per week or part thereof shall be levied / recovered subject to a maximum of 10% (ten percent) of the contract value. Thereafter, RECTPCL reserve the right to cancel the contract.	We understand that no penalty shall be levied on delay in completion of works with in stipulated period as mentioned due to reasons not attributable to the vendor or unavailability/ readiness of site fronts from customer's side. Kindly confirm.			The provisions of Bid Documents shall prevail however any specific case shall be dealt in order of merit and decision of CEO-RECTPCL in this regards shall be final and binding.
12	Clause No. 8.33 Page No. 36	Payment terms: Interest bearing Advance (optional) on submission of Bank Guarantee. 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form). Successful installation of all hardware at site in respective states 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form). Go-Live of the System under this Package 20% of Contract value of Modem &	We request M/s RECTPCL to accept the payment term as follows: Successful installation of all hardware Town wise 25% of Contract value to be paid within 30 days from the date of installation Go-Live of the System town wise 35% of Contract value to be paid within 30 days from the date of town wise go-live For Balance 40% in 20			Bidders are requested to refer Amendment-I in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
		Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form). Measured deliverables and output regarding data transfer & report generations as per SLAs. ☐ Balance Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).in 20 Equal Quarterly installments during O&M phase.	Equal Quarterly installments during O&M Phase on Pro-rata basis and the payment to be released within 15 days from the date of verification of the Invoices.			
13	Clause No. 8.34.8 Page No. 41	No payment towards non reporting feeders	We understand that no penalty shall be levied on non-reporting feeders due to reasons not attributable to supplier and the payment for non-reporting feeders shall be paid in full without deducting any penalty. Please confirm.			The provisions of Bid Documents shall prevail.
14	Clause No. 8.34.8 Page No. 41	b. Penalty shall be calculated on the circle basis and as under: Table of Penalty	Penalty rates defined here are too high. Request you to provide relaxation on the same and consider the same as attached			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
			in Annexure: II			
15	Clause No. 8.16 Page No. 31	Further all material shall be procured in the name of RECTPCL with the liability of vendor for replacement, insurance till currency of contract.	Insurance of our supplied material installed in RECTPCL’s premises shall be in RECTPCL’s scope. Kindly confirm			Insurance is in the scope of Bidder.
16	Clause no. 8.23 Settlements of Disputes Page No. 33	At any time any question, dispute or difference what so ever which may arise between RECTPCL and the agency, the same shall be decided by the settlement committee constituted by Chairman, RECTPCL. The decision of the committee shall be final and binding on both the parties.	We request RECTPCL to amend the Clause as follows: In case of any disputes arising, two arbitrators, one from supplier & one from purchaser shall be nominated. These two arbitrators shall appoint third neutral arbitrator for settling mutual disputes.			The provisions of Bid Documents shall prevail.
17	Clause No. 8.3.2 Page No. 36	Sr. No. 8 Commencement of system in all states under the package (completion of work in all respects including report generation).	We understand that if there is a delay of more than 15 days in closure due to reasons not attributable to us, the payment shall be released within 7 days as per tender rates.			The provisions of Bid Documents shall prevail.
18	Clause No. 8.12	RECTPCL reserves the right to increase or decrease the	We request you to kindly provide			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
	Page No. 30	quantities of items as specified in the accompanying technical specifications as may be necessary, at the time of award of contract or during the execution of the contract. Any item can be deleted in total, if not required during execution.	percentage by which Quantities of Items may be increase or decrease. Since there are only two line items, which is depended on each other, in tender & deletion of entire line item needs to be review & revised.			
19	General	Communication protocol	We understand that all the meters to be provided with modems shall be on DLMS or MODBUS protocol. Request you to kindly confirm the same. We also understood that meters with other than DLMS protocols shall be replaced with DLMS / MODBUS protocol meters by DISCOM before Commencement of project. Request You to kindly confirm the same.			Bidders are requested to note that acquisition of Data from all types of meters including DLMS, Non DLMS and Legacy meters in the scope of bidder.
20	General	Premature Closure of the contract	Due to any unavoidable circumstances, if there			The provisions of Bid Documents shall prevail.

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S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response	
			is any premature closure of the contract due to reasons not attributable to us, we request M/s RECTPCL to release payment of balance 85% of the pending contract value/works.				
21	Penalties (Existing provision)						
	Extent of Feeders information received on system monthly)	Extent of Payment	Extent of Incentive/Penalty	Particular Extend	Extend of penalty / No Payment		
	95-100% of total feeders of DISCOM	No payment towards non reporting feeders	1% incentive on unit rate (as quoted at Sr. No. 1 of Form-5) in respect of feeders supplying data in excess of 95% of feeders under this package	Up to 85% of total feeders of	No Penalty		The provisions of Bid Documents shall prevail.
90-95% (including 90%) of total feeders of DISCOM	No payment towards non reporting feeders	No Penalty	Below 85% and Up to 80% total	No payment towards non reporting feeders		The provisions of Bid Documents shall prevail.	

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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				+ 2.5% penalty on monthly unit rate on total number of non-reporting feeders.		
	80-90% (less than 90%) of total feeders of DISCOM	No payment towards non reporting feeders	10% penalty on unit rate (as quoted at Sr. No. 1 of Form-5) on total number of non-reporting feeders	Below 80% and Up to 75% of total	No payment towards non reporting feeders + 5% penalty on monthly unit rate on total number of non-reporting feeders.	The provisions of Bid Documents shall prevail.
	75-80% (less than 80%) of total feeders of DISCOM	No payment towards non reporting	15% penalty on unit rate (as quoted at Sr. No. 1 of Form-5) on total number of non-	Below 75% and Up to 70% of total	No payment towards non reportin	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.NO	Reference Clause no.	Reference		Bidders Query		Rationale	Bidders Suggestion	RECTPCL response
		g feeders	reporting feeders		g feeders + 7.5% penalty on monthly unit rate on total number of non-reporting feeders.			
	<75% of total feeders of DISCOM	No Payment	No payment	Below 70% and Up to 65% of total	No payment towards non reporting feeders + 10% penalty on monthly unit rate on total number of non-reporting feeders.			The provisions of Bid Documents shall prevail.
				Below 65% and Up to 60% of total	No payment towards non			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
				reportin g feeders + 12.5% penalty on monthly unit rate on total number of non-reportin g feeders.		
				Below 60% of total feeders of	No Payment Shall be Made.	
22	Section VI Clause QUALIFICATION CRITERIA	The bidder (single)/ lead partner (JV) should be an OEM (Modem / DCU / Communicable Meters providing services to Govt. / Pvt. Power utilities directly or through System Integrator in	Request to allow also the system integrator to become lead bidder (any one partner OEM/System Integrator) as the system integration			It seems the Query has been raised on the basis of Bid Documents floated earlier. Bidders are requested to refer correct bid Document.

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		India for the past 5 financial years.	services are to be provided for contract period of 5 years. The experience of Operating through System Integrator is anticipated, but the System Integrator cannot be the lead bidder?			
23	Section VI Clause QUALIFICATION CRITERIA	The bidder (single)/ lead partner (JV)/Consortium partner (JV) shall have experience of providing System Integration Services	Is JV mandatory of Consortium is also allowed. As in some clauses its mentioned as JV and in some clauses, its as Consortium.			It seems the Query has been raised on the basis of Bid Documents floated earlier. Bidders are requested to refer correct bid Document.

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24	PAYMENT TERMS		<p>Payment terms are not realistic to work smoothly for project execution. Bid is all about to invest everything upfront on hardware/software and then getting payment in installments. Kindly give some relaxation in payment terms to enable us to execute project smoothly, hence we request you to amend payment terms as below-</p> <ol style="list-style-type: none"> 1. 50% against delivery of modems /hardware 3. 20% against installation and commissioning of modems / hardware 4. 30% on go-live of entire project 			Bidders are requested to refer Amendment-I in this regards.
25	SLA	90% of end-to-end communication availability	SLA are to be relaxed in terms of practical aspects of network availability and other dependencies on state			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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			<p>discoms viz. meter non compatibility, failure of grids etc.</p> <p>Hence, we propose here to make it 80% for end to end communication.</p>			
26	Time duration for implementation of entire project	Central Implementation Agency and all Zonal implementation agencies shall be given six months implementation period each from the date of award to execution of their respective packages.	<p>Six months for implementation of project is not sufficient basis on previous experience in R-APDRP projects. There are multiple agencies like RECTPCL, State Discoms, NSP & MDAS agency would be involved. Kindly keep it minimum 1 year for each part of the project. However, after allotment of contract, it may take more time for requirement gathering, understanding of state DISCOM requirements etc. Locations of substations would be</p>			The provisions of Bid Documents shall prevail.

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			scattered across the entire state that will consume more time to install modems/DCUs.			
27	Protocol Layer	Protocol layer would carry out the necessary conversion to a common format (MIOS) understood by the central MDAS system. This layer would be created by the implementation agency and may use API's provided by different manufacturers. The different type of protocols that are currently used by meters are DLMS/COSEM (IEC 62056), Modbus RTU/TCP, IEC 1107/61107, ANSI C12 and few proprietary protocols.	Kindly clarify that RECTPCL would arrange the required APIs/Protocols for the installed meters.			The provisions of Bid Documents shall prevail.
28	Modem Specifications Point No 1	The modem at the feeder end will have a suitable interface facility to connect with meter by using RS232/RS485/RJ11 cable. If required, modem may also be retrofitted on optical port of the meter. Modem should have one Ethernet ports or any suitable port to connect through Optical Fiber Cable, Leased Lines or VSAT in future.	Modem is having one serial port for serial communication, it doesn't have any Ethernet ports for communication. DCU may have this provision. Kindly amend the clause. However, Ethernet option is not required when meter data is			The provisions of Bid Documents shall prevail.

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			communicable over serial port.			
29	Network Specifications:	Whitelisted APN solution with minimum download and upload speed of 50Kbps. SIM should have Static IP address	<p>Static IP may not be required in case whitelisted APN is there. Kindly amend the specs and keep it dynamic IP with APN whitelisting.</p> <p>Justification: - There are lot of infrastructure required from ISP to ensure communication setup with NIC cloud server and Static IP concept. It is very expensive affair and time consuming activity which will dilute objective to complete project within six months as per RFP requirement. Security of meter data can be easily achieved by creating dedicated APN with whitelisting. 80-90% AMR projects has been successfully rolled out on same</p>			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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			concept. Even though private utilities like BSES, Tata Power have adopted same dynamic concept undoubtedly.			
30	Pro-rate based payment	State wise payment of modems installed.	We request to regulate payment terms as per actual commissioned quantity of modems in any state under the package OR in multiples of 1000 modems of any state under same package. It will take six months time to complete big states like Telangana and Chhattisgarh, hence paying recurring SIM charges, revisits will cost to us without any reimbursement. Releasing payments in multiple of actual commissioned quantity will enable faster execution of project.			Bidders are requested to refer Amendment-I in this regards.
31	Agency Responsible for	Payments against Part A) Sr. No. 1 to 4 shall be done by	RECTPCL should be responsible agency for			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
	Payments:	RECTPCL on basis of mile stone achieved as per the procedure defined in bid documents. —In respect of Part B) Designated Agency/Officers for the purpose of payments shall be communicated at the time of award.	releasing for all types of payments being a nodal agency and owner of the RFP.			
32	8.35 Guarantee	The burn out modems/ DCUs should be replaced during Contract period at free of cost.	Kindly clarify if modem/DCU burnt out due to failure of any control panel in substation and any disastrous fire in the entire substation. Also clarify on reimbursement cost upon modem theft/misplaced by DISCOM.			The provisions of Bid Documents shall prevail.

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33	Taxation	Entry tax, Octroi, Road permits and Other taxes	There are different tax structure applicable for all states, hence it is very difficult to quote same rates for all states in one package. Kindly allow to bid state wise separately or keep the tax components out of the bidder's scope. Rates can be quoted without tax component to have clear visibility of tax structure. Road Permit:- Road permits are required for individual states to transit material up to destination place, hence arrangement of road permit to be included in Discom scope.			The provisions of Bid Documents shall prevail.
34	Advance Payment 10%	The interest rate on advance payment shall be SBI's Base rate on the date of disbursement of advance payment.	If bidder will not reimburse the advance please define mechanism to adjust the advance.			Bidders are requested to refer Amendment-I in this regards.
35	Section-VIII	1. Interest bearing Advance (optional) on submission of	If advance is not taken, will this 10%			Bidders are requested to refer Amendment-I in this regards.

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	8.33 Payment Terms	Bank Guarantee. - 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).	be included in the payment against Successful installation of all hardware at site in states.			
36	Section-VIII 8.33Payment Terms	2. Successful installation of all hardware at site in states - 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).	Request to increase the payment to 30% of contract value (Including advance) on pro-rata basis for every 1000 units installation irrespective of the States.			Bidders are requested to refer Amendment-I in this regards.
37	Section-VIII 8.33 Payment Terms	3. Go-Live of the System under this package - 20% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).	Request to make the payment on pro-rata basis for every 1000 units commissioned irrespective of the States.			Bidders are requested to refer Amendment-I in this regards.
38	SECTION-VI QUALIFICATION CRITERIA (Package – 2) Page No.20	Bidder (single)/ any Partner (JV) must also have manufactured & supplied at least 6320 nos. GSM/ GPRS modems/meters/ DCUs out of which 2530 nos. should be under single contract.	Will the services provided abroad (other than India) by any partner be considered in last 5 years?			The provisions of Bid Documents shall prevail.
39	SECTION-III INTRODUCTION	Interfacing with Central implementing agency for proper integration of its	Interfacing shall be responsibility of Central Implementing			The provisions of Bid Documents shall prevail.

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	& OBJECTIVE	system with Central MDAS.	Agency for proper integration with Central MDAS. As central MDAS is established by Central Implementing Agency.			
40	SECTION-III INTRODUCTION & OBJECTIVE	The time duration for implementation of entire project is one year from date of selection of agencies. However, Central Implementation Agency and all Zonal implementation agencies shall be given six months implementation period each from the date of award to execution of their respective packages.	Since, there is interdependency of work, hence it is requested that implementation duration of both the agencies must be increase to 1 year.			The provisions of Bid Documents shall prevail.
41	SECTION-V - Broad Scope of Work	In case of no communication/network available, the implementation agency may also acquire meter data through MRI.	1. Accurate number / % of location where communication / network is unavailable. 2. And detailed procedure for data meter feeding through MRI.			The provisions of Bid Documents shall prevail.
42	SECTION-V – Broad Scope of Work	The minimum automatic data inflow requirement for no penalty under package is 90%. Therefore, bidder can acquire data of 10% of total number of feeders only under this	If there are more than 10% feeder where no communication / network available and bidder has to opt for MRI over automatic			The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

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		package through MRI for the purpose of payment/incentive	data inflow. Hence, it is requested that bidder shall not be made liable for such cases.			
43	SECTION-V - Broad Scope of Work	In case of availability of better network communication medium in future, the proposed SIM services may be terminated/modified and suitable formula would be devised for deduction in payments of vendor against transfer of monthly data from SIM.	In case of implementing the modified services where the payment to the network service provider will increase, the RECL will bear the incremental cost. Kindly clarify.			The provisions of Bid Documents shall prevail.
44	8.33 PAYMENT TERMS	8.33 PAYMENT TERMS 1. Interest bearing Advance (optional) on submission of Bank Guarantee. - 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).	Request to amend it to 20% and make it non-interest bearing advance.			Bidders are requested to refer Amendment-I in this regards.
45	8.33 PAYMENT TERMS	8.33 PAYMENT TERMS 1. Successful installation of all hardware at site in states - 10% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5 (Financial Bid Form).	Request to amend it to 20%			Bidders are requested to refer Amendment-I in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
46	8.33 PAYMENT TERMS	8.33 PAYMENT TERMS 1. Go-Live of the System under this package -20% of Contract value of Modem & Other System calculated based on the rate quoted at Sr. No. 1 of Form-5	Request to amend it to 30%			Bidders are requested to refer Amendment-I in this regards.
47	Service Level Agreement (SLA)	Service Level Agreement (SLA) 2. End-to-End Communication Availability - 90% of end-to-end communication availability	Request you to amend to 75% as there may be high % of cases where communication / network will not be available.			The provisions of Bid Documents shall prevail.
48	SECTION-VI QUALIFICATION CRITERIA (Package – 5) Page No. 21	Proposals shall be submitted by an individual Bidder or through Joint Venture. Joint Venture means One Lead Partner who should be an OEM (Modem/ DCU/ Communicable Meters) and one other partner.	We request you to amend this clause as mentioned in package 2 and package 3 and let the any partner be OEM. Request to amend this as: "Proposals shall be submitted by an individual Bidder or through Joint Venture. Joint Venture means One Partner who should be an OEM (Modem/ DCU/ Communicable Meters) and one other			The bidders re requested to refer correct Bid Document.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.NO	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
			partner".			
49	page 8 - SECTION-III INTRODUCTION & OBJECTIVE, Project Implementation Strategy , B. Zonal Implementation agency (ZIA):	While MDAS will be established by Central Implementation agency, rollout of project to capture real time rural feeders data on a national platform requires various agencies. Supply, install, DCUs/ Modems, cables, connectors, casing or any other system required at 66/11 kV and/or 33/11 kV substations in the states under the respective package for capturing automated meter data, on line supply status and transmit the same on real time basis to the central MDAS server of CIA.			Delete this clause. Propose to amend the specification to "Zonal Implementation Agency must deploy MDAS MIS on cloud server provided by Owner package to acquire meter data from DCUs and Integrate with NPP using RESP APIs /ESB. " Remarks [This clause will benefit the already appointed central agency, limits competition	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					<p>and will create a monopoly and dependence on the central implementation agency vendor. Zonal Implementation Agency should be provided the cloud server provided by the owner to install his MDAS MIS software. The purpose of having ESB and SOA is defeated when you mandate integration of different zonal systems from multiple vendors to a specific MDAS product supplied by the agency who won the first package on Lowest cost basis. Again this</p>	

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					will result in blame game incase of non-availability of data, its better to structure the bid to have single point of ownership	
50	page 8 - SECTION-III INTRODUCTION & OBJECTIVE, Project Implementation Strategy , B. Zonal Implementation agency (ZIA):	The tentative scope under these packages (for Zonal Implementing Agency) is/ shall be as under: Provide Install, operate & maintain the required network connectivity at slave location to ensure the transfer the data to Central MDAS.			Delete this clause: This clause will result in one party owning MDAS and another party owning the field equipment at " slave locations" and network connectivity. It is not desirable to split the responsibility instead have end to end system deployed by each Zonal implementation Agency.	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					Propose to Modify the clause as : The Zonal Implementation shall provide end to end solution including Provide Install, operate & maintain the required network connectivity at slave location to ensure the transfer the data to Central MDAS.	
51	page 10 - SECTION-III INTRODUCTION & OBJECTIVE, Project Implementation Strategy , B. Zonal Implementation agency (ZIA):	C. Cloud Platform: Entire system is proposed to be hosted on a central cloud platform, which shall be separately procured by the client, i.e. RECTPCL. Central Implementation agency shall host the established system of MDAS on the so established cloud based data center, and ensure web based access to all Stakeholders-MoP, state			Propose to amend this clause as " The Cloud platform shall be provided to each Zonal Implementation Agency to host the required MDAS MIS system for each	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
		governments, DISCOMs, REC etc.			<p>package." Remark - Relying on the central implementation agency's MDAS alone is a bad strategy, this will create dependency on the central implementation agency product, will not provide a level palying field for other competitors bidding for the job, each zonal implementation agency must be allowed to install their own MDAS/MIS to eliminate the need for integration between the DCUs and MDAS of different</p>	

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					vendors. Instead MDAS provided by the Zonal Implementation Agency shall be integrated with National Power Portal	
52	page 11 - SECTION-IV GENERAL FEATURES OF SYSTEM, Paragraph 1	The MDAS shall be installed on a cloud server and the access of all data shall be available to various stakeholders through web interface. The data captured at cloud server shall also be linked to National Power Portal of Ministry of Power (NPP) of Ministry of Power			Instead of "The MDAS" propose to change the language to "MDAS provided by Zonal Implementation Agency"	The provisions of Bid Documents shall prevail.
53	page 12 - SECTION-IV , 1. Presentation Layer , b) The National Power Portal (NPP)	The integration of the MDAS with National Power Portal can happen using <ul style="list-style-type: none"> · Data feeds in a pre-defined JSON format transferred to the National Power Portal from the database using FTP mechanism. · Web services that are deployed on the SOA service bus. 			The integration of the MDAS with National Power Portal can happen using <ul style="list-style-type: none"> · Data feeds in a pre-defined JSON format transferred to the National 	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					<p>Power Portal from the MDAS/MDM hosted by Zonal Implementation Agency using REST APIs</p> <ul style="list-style-type: none"> · Web services that are deployed on the SOA service bus. <p>[Remark :Data transfer from the database using FTP mechanism is not considered to be best practice, propose using REST APIs instead of FTP to interface data.]</p>	
54	page 12 - SECTION-IV , 2. Integration Layer	The integration layer shall consist SOA Service bus also known as the Enterprise Service Bus (ESB). The primary purpose of the service			The National Power Portal should interface with MDAS and MIS	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
		bus shall to facilitate interoperability among different software applications/components of the proposed application as well as external components such as National Power Portal			portal hosted by Zonal Implementation Agency using REST APIs	
55	Page 14 - 4.4 Proposed Parameters to be captured	the following parameters in respect of all 11 kV rural feeders			Propose to amend this clause to read , "the parameters as defined in IS 15959 in respect of all 11 kV rural feeders	The provisions of Bid Documents shall prevail.
56	Page 17 - The scope of work of Zonal Implementation Agency	2. Integration of Modems/ DCUs with Central MDAS and ensuring flow of requisite data as per the standard defined in clause 8.33 of GCC.			delete integration with central MDAS, instead MDAS can be included in the scope of Zonal Agency , integration can be at ESB / SOA / REST API level	The provisions of Bid Documents shall prevail.
57	page 21 - SECTION-VI QUALIFICATION	SI No: 2 Proposals shall be submitted by an individual Bidder or through Joint			Amend the clause as "Proposals shall	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
	CRITERIA (PACKAGE- 6) SI No: 2	Venture. Joint Venture means One Partner who should be an OEM of DCU and one other partner			be submitted by an individual Bidder or through Joint Venture. Joint Venture. means One Partner who should be an OEM of DCU and one other partner OR the Bidder shall be a Authorized Solution Provider of DCU OEM"	
58	page 21 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE- 6) SI No: 3	The bidder (single)/ Any partner (JV) should be an OEM of DCU providing services to Govt./ Pvt. power utilities directly or through System Integrator in India for the past 5 financial years.			The bidder (single)/ Any partner (JV) should be an OEM of DCU or Authorized Solution Provider of DCU OEM, providing services to Govt./ Pvt. power utilities directly or through System Integrator in India for the past 5 financial	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					years. Remarks: DCU OEM may authorize solution provider with a Manufacturer Authorization Form	
59	page 21 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE- 6) SI No: 5	Bidder (single)/ Any Partner (JV) must also have manufactured & Supplied at least 1030 nos. DCUs out of which 410 nos. should be under single contract. Bidder(single)/Any partner (JV) /consortium partner must have integrated these 410 DCUs with the server (must have acquired the data from the meter & pushed it to head end system seamlessly)			Amend the clause as: Bidder (single)/ Any Partner (JV)/ DCU OEM must also have manufactured & supplied DCUs for AMR projects in least two Power Utilities in India with a minimum of 100 DCUs in each project Or Bidder (single) / Any Partner (JV) / Consortium partner / OEM must have	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					integrated these 100 DCUs with MDAS server in at least Two projects	
60	page 22 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE- 6) SI No: 6	The bidder (single) should have average financial turnover of Rs. 20 Crore during last four financial years ending on 31-Mar-2017 (i.e. for the FY 2013-14, 2014-15 2015-16 & 2016-17). In case of consortium / Joint Venture, the lead partner should meet minimum 60% of the Turnover requirement and the other consortium partner should meet minimum 30% of the total requirement. However, jointly Turnover must be Rs. 20 Crore			Add para to include the condition for Authorized Solution Provider of DCU OEM: In case the bidder is an Authorized Solution Provider of DCU OEM, the bidder and the DCU OEM should meet minimum 100% of the Turnover requirement	Bidders are requested to refer Amendment - III in this regards.
61	page 57 FORM-5 FINANCIAL BID FORM (To be submitted through online mode only)	1. Supply, Installation, Commissioning, Integration with Central MDAS, Operation & maintenance of DCUs for a period of 5 years after Go Live (Including Taxes and Duties etc.) - qty Per Feeder/node			Supply, Installation, Commissioning Integration with NPP, Operation & maintenance of DCUs, MDAS MIS for a period	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					of 5 years after Go Live(Including Taxes and Duties etc.) - qty Per Feeder /node	
62	page 18 - Specifications of Equipment under this package , 4.5.1 DCU Specifications	Sl No: 3 DCU should have two Ethernet ports or any suitable ports to connect through Optical Fiber Cable, Leased Lines or VSAT in future			Two Ethernet ports are not justified. Please amend the specification to One Ethernet port. Remarks: Two Ethernet ports is a deviation from the RAPDRP MTS, it will result in limiting the DCU options, favor one specific vendor and will result in escalation in price without any benefit to the utility. Optical fiber network does not terminate directly in the DCU as there	Bidders are requested to refer Amendment - III in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					are other substation devices which you need to share the fiber network, instead the DCU can be connected to station Ethernet switch in case of optical fiber network available at substation	
63	page 18 - Specifications of Equipment under this package , 4.5.1 DCU Specifications	Sl No: 5 c. Adequate Battery back-up with minimum 2 hours backup to report power failure			Remote this requirement. DCUs are to be installed in Substations which has station UPS and power outage at the substation level is not a frequent event to justify the cost of battery backup for DCU and	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					<p>maintenance. Battery backup is a maintenance headache and will not be useful for a scheme where data transfer at periodic interval of once a day. Moreover, In case of power outage all data to be transferred is stored in the meter and the same shall be retrieved upon restoration of power.</p>	
64	page 19 - Specifications of Equipment under this package , 4.5.1 DCU Specifications Sl No: 10	Sl No: 10. The date and time of the controller should be possible to set remotely. At the same time it should be possible to configure to acquire the local date and time from the internet / GPRS network			Amend the clause " The date and time of the controller should be possible to set remotely from MDAS system using SNTP	Bidders are requested to refer Amendment – III in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.NO	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					time synchronization Protocol" Remarks: Time from GPRS network is not reliable as it could drift depending on the Cellular provider's base station	
65	page 19 - Specifications of Equipment under this package , 4.5.1 DCU Specifications Sl No: 13 b	Sl No: 13 b : DCU shall have 8 Digital input & output, which shall be made expendable up to 2 times for which provision for extra card should have in DCU to monitor the status of circuit breaker and isolator, monitoring transformer, to cater the future need.			Remove this requirement. Digital Input cards and output cards are not needed for the system since all data is connected to Serial communication from meters. Digital outputs are absolutely not needed as no control is envisaged from this system. Digital input and outputs are	The DCU shall have a dedicated RS 232 serial port with IEC 60870-5-101 protocol or provide IEC 60870-5-104 protocol on Ethernet port to connect RTUs/Substation IO equipment to collect Digital Status/Outputs in the future.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					<p>part of SCADA RTUs and not metering DCUs. Based on experience of RAPDRP ITIAs, none of the utilities are utilizing Digital IO in metering DCUs and the additional cost for DCUs with IO is not justified.</p> <p>In case a provision for future is to be kept propose to Amend this specification as "The DCU shall have a dedicated RS 232 serial port with IEC 60870-5-101 protocol or provide IEC 60870-5-104 protocol on Ethernet port to</p>	

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					connect RTUs/Substation IO equipment to collect Digital Status/Outputs in the future.	
66	page 19 - Specifications of Equipment under this package , 4.5.1 DCU Specifications Sl No: 17	Sl No: 17 : DCU shall have a native web server to enable authenticated user login for viewing of meter data, SLD, breaker status, alarms events, perform configuration download and monitor hardware health status on a local operator PC in the substation using standard web client such as Internet Explorer, Chrome, Firefox			Remove requirement for "SLD, breaker status, alarms events, " since this is not a SCADA system, please limit the requirement to metering. Breaker status and Alarms/Events etc and SLD displays are not required. All users need is Meter data to be viewed on tabular format.	Bidders are requested to refer Amendment – III in this regards.
67	page 19 - 20 - Specifications of Equipment under this package , 4.5.1	Hardware Type test requirements of DCU is not specified. It must have to ensure that DCU that are certified for substation			Propose to include the details mentioned in attached	DCU should be modular in design and enhanced security as well as environmental ruggedness. DCU should comply to EMI/EMC standards as defined by IEC61850-3

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
	DCU Specifications Sl No: 1 - 17	environment is supplied.			Annexure -2 to this pre-bid queries - list of type tests requirements of substation communication equipment	standards.
68	Page 16 - SECTION-V , BROAD SCOPE OF WORK AND TECHNICAL SPECIFICATIONS (PACKAGE-6)	Zonal Implementing Agency to be selected through this bidding process and shall be responsible to provide the DCUs in the identified states under Package-6, provide networking solution including supply of SIM cards, integration of feeder meter of identified states/UTs with Central MDAS and maintain the entire system under the package during the post implementation phase for 5 years.			Amend this clause as " Zonal Implementing Agency to be selected through this bidding process and shall be responsible to provide the DCUs in the identified states under Package-6, provide networking solution including supply of SIM cards, provide feeder meter data of identified states/UTs in	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					<p>an MDAS hosted in the cloud platform provided by Owner, Integrate with NPP and other applications and maintain the entire system under the package during the post implementation phase for 5 years</p> <p>Remarks - same as item #1,2,3</p>	
69	Page 17 - The scope of work of Zonal Implementation Agency	2. Integration of Modems/ DCUs with Central MDAS and ensuring flow of requisite data as per the standard defined in clause 8.33 of GCC.			<p>delete integration with central MDAS, instead MDAS can be included in the scope of Zonal Agency , integration can be at ESB/ SOA / REST API level</p>	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
70	page 12 - SECTION-IV	Cyber Security features needed for MDAS , User interface, integration layer between DCUs and MDAS, MDAS to NPP and protocol layer etc is missing .			Propose to include the details in Cyber Security Requirements in attached annexure - 1	Bidders are requested to refer Amendment-I in this regards.
71	page 19 - 20 - Specifications of Equipment under this package , 4.5.1 DCU Specifications Sl No: 1 - 11	Cyber security features of DCU is not specified.			Propose to include the details mentioned in attached Annexure -1 to this pre-bid queries - Cybersecurity Requirements in attached annexure - 1	Bidders are requested to refer Amendment-I in this regards.
72	page 21 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE-6) Sl No: 2	Sl No: 2 Proposals shall be submitted by an individual Bidder or through Joint Venture. Joint Venture means One Partner who should be an OEM of DCU and one other partner			Amend the clause as “Proposals shall be submitted by an individual Bidder or through Joint Venture. Joint Venture means One Partner who should be an OEM of DCU	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					and one other partner OR the Bidder shall be a Authorized Solution Provider of DCU OEM"	
73	page 21 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE-6) SI No: 3	The bidder (single)/ Any partner (JV) should be an OEM of DCU providing services to Govt./ Pvt. power utilities directly or through System Integrator in India for the past 5 financial years.			The bidder (single) / Any partner (JV) should be an OEM of DCU or Authorized Solution Provider of DCU OEM , providing services to Govt. / Pvt. power utilities directly or through System Integrator in India for the past 5 financial years. Remarks: DCU OEM may authorize solution provider with a Manufacturer	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					Authorization Form	
74	page 21 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE-6) SI No: 5	<p>Bidder (single)/ Any Partner (JV) must also have manufactured & supplied at least 1030 nos. DCUs out of which 410 nos. should be under single contract.</p> <p>Bidder (single)/ Any Partner (JV)/ Consortium partner must have integrated these 410 DCUs with the server (must have acquired the data from the meter & pushed it to head end system seamlessly).</p>			<p>Amend the clause as : Bidder (single)/ Any Partner (JV)/DCU OEM must also have manufactured & supplied DCUs for AMR projects in least two Power Utilities in India with a minimum of 100 DCUs in each project</p> <p>OR</p> <p>Bidder (single)/ Any Partner (JV)/ Consortium partner/OEM must have integrated these 100 DCUs with MDAS server in at least two projects</p>	The provisions of Bid Documents shall prevail.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
75	page 22 - SECTION-VI QUALIFICATION CRITERIA (PACKAGE-6) Sl No: 6	The bidder (single) should have average financial turnover of Rs. 20 Crore during last four financial years ending on 31- Mar-2017 (i.e. for the FY 2013-14, 2014-15 2015-16 & 2016-17). In case of consortium / Joint Venture, the lead partner should meet minimum 60% of the Turnover requirement and the other consortium partner should meet minimum 30% of the total requirement. However, jointly Turnover must be Rs. 20 Crore			Add para to include the condition for Authorized Solution Provider of DCU OEM: In case the bidder is an Authorized Solution Provider of DCU OEM, the bidder and the DCU OEM should meet minimum 100% of the Turnover requirement	Bidders are requested to refer Amendment – III in this regards.
76	Page 57 FORM-5 FINANCIAL BID FORM (To be submitted through online mode only)	1. Supply, Installation, Commissioning, Integration with Central MDAS, Operation & maintenance of DCUs for a period of 5 years after Go Live (Including Taxes and Duties etc.) - qty Per Feeder/node			Supply, Installation, Commissioning, Integration with NPP, Operation & maintenance of DCUs , MDAS MIS for a period of 5 years after Go Live (Including Taxes and	Bidders are requested to refer Amendment-I in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
					Duties etc.) - QTY Per Feeder/node	
77	PAGE 18	DCU shall offer Storage for 5000 events and 15min load profile data from 20 meters for a duration of upto 45 days.			Need not specify this clause	Bidders are requested to refer Amendment – III in this regards.
78	PAGE 18	a. Power supply voltage range 110-120V DC/220VAC ± 30% b. Low Power Consumption c. Adequate Battery back-up with minimum 2 hours backup to report power failure d. Inbuilt 6 KV surge protected SMPS based power supply			C Adequate Power back-up to report power failure D Inbuilt 10 KV surge protected SMPS based power supply	Provisions of Bid Document shall prevail
79	PAGE 19	13. a. LEDs to display various status information e.g. Tx, Rx, Communication with meter, GSM quality status and data communication with server. b. DCU shall have 8 Digital input & output, which shall be made expendable up to 2 times for which provision for extra card should have in DCU to monitor the status of circuit			b. DCU shall have isolated 16 Digital inputs, 16 digital output & Analog inputs (16 bit resolution) which shall be made to monitor the status of circuit	A- Provisions of Bid Document shall prevail B- Bidders are requested to refer Amendment – III in this regards.

Clarification to the Bidders Queries w.r.t the Bid Documents for Selection of Zonal Implementing Agency for Package-6 “11 kV Rural Feeder Monitoring Scheme – Revised Tender

S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
		<p>breaker and isolator, monitoring transformer, to cater the future need.</p> <p>c. DCU shall have the modularity and expandability to add additional capacity of DI/DO/AI (100 %).</p> <p>d. The proposed DCU at 33/11 kV Sub Stations shall have provisions to install a PC for local monitoring.</p> <p>e. Remote configuration of DCU over the air.</p> <p>f. Two watchdog timers.</p> <p>g. Time synchronization over network.</p> <p>h. Network signal quality/strength monitoring over control center.</p>			<p>breaker and isolator, monitoring transformer, to cater the future need.</p> <p>d. The proposed DCU at 33/11 kV Sub Stations shall have provisions to install a PC for local monitoring. (need not be specified)</p> <p>f. One watchdog timer.</p>	<p>C- Provisions of Bid Document shall prevail</p> <p>D- Provisions of Bid Document shall prevail</p> <p>E- Provisions of Bid Document shall prevail</p> <p>F- Provisions of Bid Document shall prevail</p> <p>G- Provisions of Bid Document shall prevail</p> <p>H- Provisions of Bid Document shall prevail</p>
80	PAGE 19	15. Interface with Meters: DCU shall have minimum 3 Serial port and one 10/100 Mbps LAN port to interface with Energy Meters. At least 2 serial port must be RS485 to connect multiple channels of multi dropped meters			Interface with Meters: DCU shall have minimum 2 Serial ports 1 RS 485 Port 1 WiFi	Bidders are requested to refer Amendment - III in this regards.
81	PAGE 19	16. The earthing of the DCU shall be in the scope of the contractor			Need not be specified	The provisions of Bid Documents shall prevail.
82	PAGE 21	Bidder (single)/ Any Partner			Bidder (single)/ Any	The provisions of Bid Documents shall prevail.

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S.N O	Reference Clause no.	Reference	Bidders Query	Rationale	Bidders Suggestion	RECTPCL response
		(JV) must also have manufactured & supplied at least 1030 nos. DCUs out of which 410 nos. should be under single contract. Bidder (single)/ Any Partner (JV)/ Consortium partner must have integrated these 410 DCUs with the server (must have acquired the data from the meter & pushed it to head end system seamlessly).			Partner (JV) must also have manufactured & supplied at least 150 nos. DCUs out of which 100 nos. should be under single contract. Bidder (single)/ Any Partner (JV)/ Consortium partner must have integrated these 100 DCUs with the server (must have acquired the data from the meter & pushed it to head end system seamlessly).	