



## CORRIGENDUM-II

Sub: - Reply to the Pre-bid queries and other modification to Tender Specification related to Guarantee period and Extension of Due Date of Submission of Bids against our open Tender for Rate Contract for procurement of Auto-Recloser & Sectionalizer with Associated materials.

**Ref : Our Tender Enquiry No. TPCODL /P&S/Auto-Reclosure & Sectionalizer/15/20-21**

(A) With reference to above Tender, bidders to note the following changes to our Tender Specification

Sl. No.	Clause No., Description of Provision	Existing Provision	To be read as
1	1.3(f) of Tender Notification-i.e Due date of Bid Submission as per last corrigendum issued on dt.16.07.2020	Dt.31.07.2020/13.00hrs.	Dt.18.08.2020/15.00Hrs.
2	11.0 of Technical Specification-i.e Guarantee Period	12 months from the date of commissioning or 18 months from the date of last supplies made under the contract whichever is earlier	60 months from the date of commissioning or 66 months from the date of last supplies made under the contract whichever is earlier

### **(B) Replies to Pre-bid Queries**

In addition to above modification of tender document, replies to Pre-bid queries received within stipulated time are enclosed for information of all prospective bidders.

**All other terms & conditions of the above tender remain un-altered.**

For detail Tender Specification & Terms and Conditions read along with sub-sequent corrigenda, please visit our website <https://www.tpcentralodisha.com>. Interested bidders to download the tender documents from our website <https://www.tpcentralodisha.com>. Also all future corrigendum if any to the above tenders then it will be informed on our website <https://www.tpcentralodisha.com>.

Encl: As above

Sr. No	Clause ref.	Requirement as per specification	Amendment proposed	Justification	TPCODL Comments
1	1.7.6	Indian companies in joint venture relationship with global OEM or authorized Indian channel partner/sales representative of global OEM are also eligible to bid if the qualification requirements stated above are met independently or in combination with the OEM. Authorization letter / certificate from the OEM to be submitted along with bid.	Only OEM, Indian companies in JV with global OEM should be allowed to bid.	Allowing authorized channel partner to bid will not ensure after sales service support to TPCODL since channel partners will not be able to carry out service activities and global OEM shall not have any liability since they have not quoted directly. Hence if TPCODL want to allow channel partners to bid then we recommend to ask OEM to submit performance BG.	Accepted.
2	3.9	The type tests specified in TPCODL specifications should have been carried out within five years prior to the date of opening of technical bids and test reports are to be submitted along with the bids.	The type tests specified in TPCODL specifications should have been carried out within TEN years prior to the date of opening of technical bids and test reports are to be submitted along with the bids.	As per the latest guidelines type test reports within ten years are acceptable. Moreover please note that we have not done any design related changes in the offered product since its type test hence we do not envisage repetition of said tests. Therefore request TPCODL to accept our type test reports which are more than 5 years old.	If no design change then accepted undertaking to be submitted for no design change in model no. of type tested and offered should be same. Provided that the tested design should not be inferior to our specification.
3	4.7	Reverse Auctions	Reverse auction shall not be applicable	As per management guidelines we can not participate in reverse auction hence please consider L1 price during price bid opening as the winning price.	As per our company policy there may be negotiation on price and terms either manually or through Reverse Auction.
4	7.1	PBG applicable shall 5% of Rate Contract Value	PBG applicable shall 5% of order Value	PBG shall be submitted for released order value instead of entire rate contract value	The relevant provision of the contract will prevail.
5	7.1	TENDER SAMPLE: Bidder has to demonstrate the complete integration of auto-reclosures and sectionalisers (up to SCADA) within 10 days of bid opening to Engineering Group.	ABB India ltd has already demonstrated the complete integration of auto reclosures to TPDDL, New Delhi during execution of recent RC, hence we don't envisage the same for this tender		Bidder (manufacturer) to take the responsibility of seamless integration of Auto-reclosure and Sectionalisers Controller with Purchaser's SCADA System.  Communication Modem shall support both MQTT and IEC104 protocol. The communication between Controller and SCADA System shall be on IEC104. Any proprietary interfaces and protocols are accepted.
Annexure II Special conditions of contract					
6	1	General	TPCODL is requested to submit approved make list, along with the required material qty per recloser.		kindly follow the specification

7	2	Scope of work	Only supervision of erection, testing and commissioning of autorecloser/sectionalizer shall be in bidders scope. Also request TPCODL to mention no of days of supervision to be consider per recloser.		That has to be mutually agrred between TPCODL and BA on case to case basisagainst each release order
8	6	Payment terms		Some different payment terms is mentioned in clause no 7.5, page no 12, please clarify which one to be considered.	Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail.
9	6	1 ) On completion of supply of complete material - 70% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter. 2) On completion of installation – 10% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter. 3) On completion of charging - 20% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter. Full & final payement of contracts shall be made to the supplier after submitting"No demand certificate"	1 ) On completion of supply of complete material - 70% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter. 2) On completion of installation or after 1 months of receipt of material – 10% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter. 3) On completion of charging or after 1 months of receipt of material - 20% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at TPDDL BIRD counter.	In case the erection, commissioning is delayed due to reasons not attributed to supplier then the payment shall be released after one months from the date of receipt of material.	Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail. TPDDL is to be read as TPCODL.
Annexure VII; General conditions of contract					
10	3.9	Reverse Auctions	Reverse auction shall not be applicable	As per management guidelines we can not participate in reverse auction hence please consider L1 price during price bid opening as the winning price.	As per our company process there may be negotiation on price and terms either manually or through Reverse Auction.
11	13.3	The Warranty period for such replaced parts shall be until the expiry of twelve months from the date of such replacement or renewal or until the end of original Guarantee period, whichever is later.	The warrantee period of replaced parts shall be same as that of original equipment.	No separate extended warrantee shall be provided for replaced parts.	The relevant provision of the contract will prevail. No change in tender specification

12	13.3	In case the Associate is not able to rectify/ replace the faulty equipment/ material within the stipulated timelines as mentioned above, penalty shall be levied as per the Liquidated Damages clause mentioned in this document. The penalty amount shall be recovered from the payment due to the vendor or by encashment of the SPBG as the case may be	Said clause shall be removed	LD/penalty on account of warantee failure shall not be in acceptable to us.	The relevant provision of the contract will prevail. No change in tender specification
13	14	liquidated damages	<ul style="list-style-type: none"> <li>• LD shall be computed on the undelivered lot upto the max LD limit.</li> <li>• LD shall be exclusive remedy for delay and in full satisfaction. Under the contract, TPDDL shall first exhaust the LD max limit before resorting to any other remedy available under the contract.</li> </ul>		The relevant provision of the contract will prevail. No change in tender specification
14	17	Intellectual Property Rights	Any intellectual property developed or acquired by Associate during course of contract shall be owned by Associate. TPDDL will such rights as granted by Associate in intellectual property so developed.		The relevant provision of the contract will prevail. No change in tender specification
15	18	Indemnity	The Associate assumes responsibility for and shall indemnify and save harmless the TPDDL from all liability, claims, costs, expenses, taxes and assessments including penalties, punitive damages, attorney's fees and court costs which are or may be required to be paid by the TPDDL and its officers, directors, employees, affiliates, agents, successors and assigns arising from any breach of the Associate's obligations under any local or national law or laws, or in respect to all salaries, wages or other compensation for all persons employed by the Associate or his Sub-Associates or suppliers in connection with the performance of any work covered by the Contract.		The relevant provision of the contract will prevail. No change in tender specification

16	19.1	Liability & limitations	Notwithstanding anything contained in this Contract/PO and/or any of its parts, it is agreed between the parties hereto that the aggregate cumulative liability of the ABB under this Contract/PO (regardless whether the claim is based upon tort, negligence or strict liability) resulting in any way from the performance or non-performance, all indemnities, liabilities, loss, damages, expenses, claims, direct damages risk purchase etc. shall not exceed 100% of the Contract value/PO value.		The relevant provision of the contract will prevail.
17	20	FORCE MAJEURE	safety measures against covid, quarantine restrictions shall be force majeure events.		Already clarified in the Clause without refereng to the perticular cited instance.
18	22.3	Termination for convenience of TPDDL	In case of termination for convenience of TPDDL, Associate shall also be paid for the cost of work in progress along with supplies/services rendered until date of termination.		The relevant provision of the contract will prevail.
19	27.b	TPCODL shall be the principal holder of the policy	Bidder shall be principal holder of the policy	Since we have marine insurance policy hence policy holder shall be bidder only.	The relevant provision of the contract will prevail.
TERMS & CONDITIONS OF CONTRACT					
20	7.2	Retention: 10% of the gross value of each Running account (RA) shall be retained as retention money. This retention money shall be released after satisfactory completion of defect liability period.	Said clause shall be removed	No retention shall be acceptable	Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail.
21	11.1	Prices and rates quoted shall be firm for a variation in the total Contract price by $\pm 25\%$ (plus or minus twenty five percent) with the provision that quantity of individual items of work may vary to any extent	Qty variation shall be + 10% of tendered qty only. Incase the qty variation is more than 10% then appropriate price adjustment shall be provided by TPPDDL.	This cap will help biddered to arrive at proper pricing strategy.	The relevant provision of the contract will prevail as per clause 11.1 of Terms and Condition.

22	12.2	Liability limitation	Notwithstanding anything contained in this Contract/PO and/or any of its parts, it is agreed between the parties hereto that the aggregate cumulative liability of the ABB under this Contract/PO (regardless whether the claim is based upon tort, negligence or strict liability) resulting in any way from the performance or non-performance, all indemnities, liabilities, loss, damages, expenses, claims, direct damages risk purchase etc. shall not exceed 100% of the Contract value/PO value.		The relevant provision of the contract will prevail.
Technical Specification					
23	1	This specification covers the technical requirements of design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading at site/store, Installation and commissioning and performance of 11kV Pole Mounted Autorecloser and Sectionalizer with all accessories and necessary training for trouble free & efficient performance.	This specification covers the technical requirements of design, manufacture, testing at manufacturer's works, packing, forwarding, supply at site/store, of 11kV Pole Mounted Autorecloser and Sectionalizer with all accessories and necessary training for trouble free & efficient performance.	Unloading of equipment at site/stores, installation & commissioning and performance shall not be in scope of bidder.	In the scope only supply is there.
24	4.26	Operating sequence 0-0.5s-C0-10s-C0-10s-CO	Operating sequence shall be O-0.2s-CO-2s-CO-2s-CO	Initial tripping mentioned in operating sequence in specification i.e. 0.5sec is higher than normal outdoor breaker i.e. 0.3 sec. Hence request you to change it to 0.2 sec instead of 0.5 sec this will help TPDDL to have product tested with more stringent requirement. Also request TPDDL to verify that the said auto reclosing duty has been proven by the type test reports of the bidders.	The better products are also accepted and Minimum requirements in specs to be met.
25	4.27	Contact material in Vacuum bottle : Copper chromium with silver plating or better	Contact material in Vacuum bottle : Copper chromium or better	Since contacts are in vacuum hence silver plating on the same is not required	Accepted.
26	4.34	CT/ Current Sensor : b. Accuracy up to 630A +0.5%	CT ratio shall be 600/1A.	Our inbuilt CT of 600/1 A is suitable for detecting current(for protection) up to 1.2 Amp. Same shall be sufficient for TPDDL requirement.	5P10 class 1 CT accepted
27	4.34	CT/ Current Sensor : b. Accuracy up to 630A +0.5%	CT accuracy shall be 5P10	Since the CT's are used for protection purpose hence same shall have accuracy class of 5P10. Recloser CT are not meant for metering purpose.	5P10 class 1 CT accepted

28	4.46	Controller must have at least one TCP/IP Ethernet port to / for communication with master station over IEC-60870-5-104 & MQTT.	For communication IEC61850 + IEC101 (Slave) + IEC 104 (Slave) shall be opted.		Communication Modem shall support both MQTT and IEC104 protocol. The communication between Controller and SCADA System shall be on IEC104
29	4.46	Support IEC - 60870-5-104 & MQTT for communicating with master station. Shall also support SFTP protocol to transfer disturbance record to remote server.	For communication IEC 104 shall be opted, please clarify on MQTT for master station. Kindly provide the communication architecture. Also provide the details on SFTP protocol for remote server.		To be complied as per specs, Communication architecture will be discussed/shared with the successful bidder  SFTP protocol support is required to transfer any file from the controller to the Purchaser Central System (IED Management System)  The controller shall have provision of Multi-Master reporting - minimum 6 masters with single CSADU
30	4.46	System Event- 1000 Alarm Event- 1000 Normal event- 5000	The relay has a non-volatile memory which can store:- 1. 1024 events 2. 128 Fault records 3. Max 100 disturbance records		Bidder to comply as per specs  Controller application shall push all the event and fault record to Purchaser's Central System, before purging.
31	5.1.7.2	Tank material and grade of SS should be of SS and non-corrosive, offered grade of SS to be mentioned. Minimum grade shall be SS304.	Control & HV cabinet shall be made of 201 grade stainless steel. Marine grade material is not applicable in case of auto recloser standard	Marine grade steel is used for submerged application such as submersible water pumps, since said product is going to get installed on pole above the ground level hence marine grade steel is not required for this application.	Ok. Accepted
32	5.2.1.i	Push buttons with indicating LED : d) Auto Recloser Blocked or Auto e) Protection f) Hot line tag	No separate push buttons. Shall be provided. Instead of that same can be activated through navigation keys available in protection relay.	Since in ABB make recloser relay is provided as a controller instead of fix electronic circuit as provided by other manufacturers hence said controls can be easily accessed through navigation panel provided on the front side of the relay.	1. Autoreclose on/Off switch/touch button shall be required for operational ease. 2. Protection and Hot line tag without key shall be accepted.

33	5.2.1.ii	<ul style="list-style-type: none"> <li>a)Open (Separate LED)</li> <li>b)Close (Separate LED)</li> <li>c)Over current pickup with phase &amp; ground indication</li> <li>b)Lockout</li> <li>c)Unit status</li> <li>d)Two user programmable LEDs</li> <li>e&gt;Contact &amp; breaker health status</li> <li>f)Battery &amp; battery charger health status</li> </ul>	The relay shall have 11 programmable LED's and 3 fixed LED's.		The LED to be programmed mandatorily for a,b,d,f and OC trip and EF trip. The breaker health status can be navigated through keys.
34	5.2.1.iii	<ul style="list-style-type: none"> <li>c)Multiple settings group</li> <li>d) Cold Load Pickup</li> <li>e) Inrush Restraint</li> <li>f) switching over from one protection group to another with power flow direction –Automatically</li> <li>g)Recloser function with high current lockout</li> <li>h)Live load blocking</li> <li>i)Loss of phase protection</li> <li>j) Minimum TMS settings for IDMT element shall be 0.01 for better relay co-ordination with upstream breaker.</li> <li>K) The high set/definite time delay shall have minimum 20ms setting.</li> <li>l) Auto reset of the relay after tripping with definite time of 1min. (All elements &amp; LED should reset and fault data shall be displayed)</li> </ul>	<ul style="list-style-type: none"> <li>c) 6 setting groups shall be available</li> <li>d) cold load shall not be available in RER615</li> <li>j) The TMS of the overcurrent protection shall be set in the range of 0.05...15.00, in steps of 0.01.</li> <li>k) The operate delay time for high set can be set in the range of 40...200000 ms, in steps of 10.</li> <li>l) The reset time shall be typically 40 ms</li> </ul>		ok. The relay should have auto reset functionality.
35	5.2.1.iii.f	Switching over from one protection group to another with power flow direction - Automatically.	Switching over from one protection group to another with power flow direction shall not be provided	Being a radial feeder system reverse power flow will create issues for the system. Also as per specification TPDDL has asked reclosers with load side voltage sensing only hence it is not possible to detect change in powerflow.	ok
36	5.2.1.iv	<ul style="list-style-type: none"> <li>a)Current: Phase &amp; Neutral</li> <li>b)voltage: Phase to phase &amp; Phase to Neutral</li> <li>c)KW- Single &amp; Three phase</li> <li>d)KWh- Single &amp; Three phase</li> <li>e)KVAR- Single &amp; Three phase</li> <li>f) Power Factor</li> <li>g)Frequency</li> <li>h) Positive, Zero and Negative Sequence Currents</li> <li>i) Positive, Zero and Negative Sequence voltage</li> <li>j)Load profile-current ,voltage &amp; Power</li> </ul>	<ul style="list-style-type: none"> <li>The below mentioned measurement options are available in the relay:-</li> <li>Three-phase current measurement</li> <li>Sequence current measurement</li> <li>Residual current measurement</li> <li>Three-phase voltage measurement</li> <li>Sequence voltage measurement</li> <li>Three-phase power and energy measurement</li> <li>Single-phase power and energy measurement</li> <li>Frequency measurement</li> <li>Load profile record</li> </ul>		OK



37	5.2.1.vi	a) On Front panel-USB Port/Ethernet/RS485 b) Remote RS485 port-The RS485 must have the capability for multi-drop connectivity. c) TCP/IP Ethernet Port- 2 nos. One must be engineering port d) Data Transmission Rate of TCP/IP Ethernet Port- 10/100Mbps.	a) The front port of the relay shall be RJ45. b) Along with RS485 port only one rear ethernet port can be selected. c) If RS485 is not selected 3 rear RJ45 ports can be selected.	Providing RJ 45 port on the front panel for communication will bring ease in operation of the recloser since normal LAN cable can also be used for connecting the relay to laptop/desktop.	ok
38	5.2.1.vii.a	LCD display that constantly shows metered currents.	large LCD shall be provided in controller/relay.	Large LCD display with user friendly with SLD configuration possibility will bring out more visibility & ease of operation than normal two line LCD display.	ok
39	5.2.2		Since we are offering recloser instead of sectionaliser hence please consider all above clarifications of recloser for sectionaliser too.		ok
40	7.3		All routine/type/acceptance tests shall be as per relevant IS/IEC only.		IEC-62271-111 should be followed
41	8	Type test shall not be exceeding 5 years.	The type tests carried out within 10 years prior to the date of opening of technical bids shall be acceptable.	As per the latest guidelines type test reports within ten years are acceptable. Moreover please note that we have not done any design related changes in the offered product since its type test hence we do not envisage repetition of said tests. Therefore request TPCODL to accept our type test reports which are more than 5 years old.	If no design change then accepted undertaking to be submitted for no design change in model no. of type tested and offered should be same.
42	11.1	12 Months from the date of commissioning or 18 months from the date of last supplies made under the contract, whichever is earlier.	12 Months from the date of commissioning or 18 months from the date of receipt at site, whichever is earlier.	Warranty shall not be linked to last receipt made under contract.	Warranty shall be valid from each equipment wise installation date or supply date.
43	11.2	In case of GP failure, BA shall report at site within 48 hours from intimation.....	In case of GP failure, BA shall acknowledge within 48 hours from intimation.....	The compliant shall be acknowledge within 48 hrs. Physical presence of engineer at site shall be decided mutually.	Bidder to ensure faster service support.
General					
44			Exclusion of Consequential Damages : Notwithstanding any other provision to the contrary, in no event shall ABB, its suppliers, sub-contractors, employees and Affiliates, be liable under this contract for any loss of profits, loss of use, loss of production, loss of contracts, loss of data or any indirect or other consequential losses/damages, whether in contract, warranty, tort, negligence, strict liability or caused otherwise.		The relevant provision of the contract will prevail.

S. No.	Clause	Description	Bidder request	Remarks	TPCODL Comments
1	4. General Technical Requirement	34. CT/current sensor	Our proposal for CT Accuracy is 5P20, Class 1		5P20 class 1 accepted
		Accuracy up to 630A +0.5%	For recloser, the above accuracy class is commonly used for most of power system. The accuracy class in the specification is not clearly mentioned for protection and metering.		
			We request the customer to accept our proposed accuracy class.		
2	4. General Technical Requirement	35. Voltage sensor for metering and protection	The accuracy of voltage sensor required with 0.5 class according to the technical specifications, but the voltage sensor is not required with high accuracy rate like 0.5 class. Our proposal is 1% accuracy with RVD(Resistance voltage divider) for Recloser		class 1 accepted
		Accuracy up to 12kV +0.5%	We request the customer to accept our proposed accuracy class.		
3	4. General Technical Requirement	47. Controller Cabinet	The failure of DC supply to modem doesn't required to be monitored. Please exclude this requirement.		Submit with deviation will review.
		The fuse protected DC supply for 4G/MPLS modem to be provided. The failure of DC supply to modem shall be monitored.			
4	4. General Technical Requirement	47. Controller Cabinet	Please clarify if we can propose our own design for RAM size. The required 64MB seems to be excessive designing.		Bidder to specify the RAM Size. Bidder to comply with the specification However the proposed RAM Size shall ensure the required performance parameters
		RAM size shall be – min 64 MB and additionally the controller shall have provision of flash memory to store logs, events and data.			
5	4. General Technical Requirement	47. Controller Cabinet	Please clarify if this requirement is for tele communication or hard wired communication.		The requirement is for tele communication i.e. the data exchange between Controller and Purchaser's SCADA System
		Digital data should have higher priority than Analog data. The dead band shall be user configurable, for reporting Analog data by exception shall be initially set to 1 % (in 1%) of full scale value.			
6	4. General Technical Requirement	47. Controller Cabinet	The MQTT is not a common protocol for distribution line networks. Please exclude MQTT from the requirement.		Bidder to comply with the Specification. Other protocol specified are IEC104. Bidder can submit the proposal with deviation.
		Communication protocol- The controller should be supplied with IEC104 and MQTT. No other and proprietary protocol are accepted			
7	4. General Technical	47. Controller Cabinet	We are using FTP-SSL for transferring data instead of SFTP. With our proposed FTP-SSL we can fully comply with technical requirement.		Bidder to ensure the data integrity and security

	Requirement	Support IEC - 60870-5-104 & MQTT for communicating with master station. Shall also support SFTP protocol to transfer disturbance record to remote server.	Please confirm if we can offer FTP-SSL instead of SFTP.		Security.
8	4. General Technical Requirement	47. Controller Cabinet The controller shall have provision of Multi-Master reporting - 8 masters with single CSADU	We can support only 2 masters with IEC 60870-5-104 protocol. Please amend the requirement as 2 number of master.		The controller shall have provision of Multi-Master reporting - minimum 6 masters with single CSADU.
9	4. General Technical Requirement	47. Controller Cabinet Cyber security- Multi User level authentication, Disabling the DNS, Disabling/enabling/ configurable TCP/UDP port, Controller shall have capability to store system logs.	Please exclude the cyber security requirement which is excessive design/engineering for distribution network.		The requirement specified in the RFP are minimum. Bidder to comply with the specification otherwise this will be considered as deviation.
10	5.2 Control Panel Details	5.2.1 Auto Recloser control panel feature vi) Communication features to be provided by bidder a) on front panel-USB Port/Ethernet/RS485	Our proposed controller will have USB port on front part of relay and Ethernet/RS485 port on the side part of relay. Please accept this construction.		Bidder to comply with the specification. Bidder may submit their offer with deviation.
11	5.2 Control Panel Details	vii) User interface provided by the bidder g) Switches to disable electronic close & trip operations shall be provided for safety.	We will provide the manual lockout handle for this requirement. Please confirm if this will be acceptable to the customer instead of switch as mention in the specification.		Manual mode is mandatory requirement, however disabling switches are also required
12	5.2 Control Panel Details	5.2.2 Sectionalizer control panel feature	As required by the customer, the same controller will be used for auto recloser and sectionalizer. Our query for sectionalizer control panel will be same as for auto recloser control panel. Please confirm if we can offer the recloser controller for sectionalizer.		If bidder is offering autorecloser in place of sectionaliser then controller of autorecloser shall do.
13	7.1 Type Test for Switchgear	For Auto Recloser Type Test Requirement	Please clarify followings. 1. Please clarify if "Thermal Runaway Test" means temperature rise test. 2. Please exclude the following type tests from the requirement. They are not included in IEC standard. (1) Continuous current tests (2) Low Current Test		Type test shall be as per IEC62271-111 for autorecloser all test as per IEC shall be mandatory.

14	7.3 Acceptance Test	Insulation Resistance Test	Please exclude this insulation resistance test from the requirement since it is one of commissioning tests at the site.		To be complied as per specs
15	8- TYPE TEST CERTIFICATE	<p>The Bidder shall furnish the type test certificates of same design as offered in bid for the tests as mentioned above as per the corresponding standards. All the tests shall be conducted at CPRI/ERDA or International accredited Laboratory like KEMA as per the relevant standards of IEC/IEEE. Type tests shall have been conducted in certified Test laboratories during the period not exceeding 5 years from the date of opening the bid.</p> <p>In the event of any discrepancy in the test reports, i.e. any test report not acceptable or any/all type tests (including additional type tests, if any) not carried out, same shall be carried out without any cost implication to TATA POWER. Bids without all type test reports shall stand disqualified.</p>	Our type test report for 15.5kV Solid LRC has been more than 5years, but in according to IEC62271-111 clause 6. Type test "Once made, the type tests need not be repeated unless the design is changed so as to modify the performance characteristics of the recloser" based on it, please remove the above 5yrs validity from the requirement.		If no design change then accepted undertaking to be submitted for no design change in model no. of type tested and offered should be same.
<b>S. No.</b>	<b>Clause</b>	<b>Description</b>	<b>Bidder request</b>	<b>Remarks</b>	<b>TPCODL Comments</b>
1	General	Due Date for Bid Submission: 16.07.2020, 13:00Hrs	We request you to accept the tender due date extension by minimum of 4 weeks for making the arrangement for offline bidding.		If extended it will be published in the website. Keep viewing our website regularly.
2	13.2 Guarantee Period	The Guarantee Period will be equipment/service/work specific and shall be as specified in the Standard Specifications of TPCODL for the equipment/material/service/work and where standard specifications are not part of contract documents or guarantee period is not specified in the standard specifications, the guarantee period shall be as per the Special Terms and Conditions of the Contract. In case of no mention of the guarantee period in standard specifications or SCC Guarantee Period will be 60 Months from the Date of Commissioning or 66 months from the date of delivery of final lot of supplies made, whichever is earlier.	We request you to accept the standard warranty for the equipment as 24 months.		Guaranteed obligation under the provisions under clause 13.2 of GCC i.e 60/66 months shall be applicable.
<b>S.No</b>	<b>Clause ref/ Page No.</b>	<b>Description of the clause</b>	<b>Clarification / amendment requested for</b>		<b>TPCODL Comments</b>

1	Annex-A; 75/180	The bids will be evaluated commercially on the Line Item-wise lowest cost	We understood this clause that we can quote any individual item also. Please clarify.		The prices are to be quoted as per Anex-I of Tenderspecification for both items
	Cl.No. Note				
2	Annex-II; Page: 15	Details of Router shall be provided by bidder. The routers are to be used for communication with	We understood that the Router shall be connected to MPLS connected SCADA centre with the Static IP SIM. The Static IP SIMs and MPLS establishment is not part of the bidder scope. Please clarify.		Only Staic IP SIMs are to be provided by TPCODL.
	Cl.NO. 1	MPLS over GPRS			
3	Annex-II; Page: 15	Training for installation testing and commissioning of A/R and S/R is in the scope of bidder.	We understood that the scope of Installation, testing & commissioning is not in the bidder scope. Bidder to consider only training for Installation, Testing & commissioning at TPCODL premises.		Commissioning at sites as decided by TPCODL.
	Cl.NO. 1				
4	Annex-II; Page: 12	Payment Terms			Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail.
	Cl.NO. 7.5	The payment shall be released within 90 days from the date of	Kindly accept payment terms as 90% Against Supply and receiving materials at Store as Installation is not in the scope of bidder. Remaining 10% after completion of Integration.		
		submission of certified bills/ invoices			
5	Annex-II; Page: 15	The supply of associated material / accessories required for installation should be in the scope	Kindly share the type of poles in TPCODL for proposal for installation so the bidder can estimate the type of pole clamps. Kindly share the data.		The poles are RS joist type. Very few are standard PCC poles of height 7m and 9m
	Cl.NO. 1	of bidder.			
6	Annex-II; Page: 15	Scope of Work:	We understood that we need to consider the delivery at TPCODL central store. Please clarify.		Ordered materiaks are to be delivered at central stores of TPCODL located at Choudwar/Bhubaneswar.
	Cl.NO. 2	...., unloading at site,...			
7	Annex-II; Page: 16	Delivery:	Kindly inform the lot wise quantities and total lots in order to consider the logistic expenses accordingly.		As per the provision under clause no 11 of Terms & Conditions.Lot wise quantities can't be defined at this moment.
	Cl.NO. 5	Lotwise			
	Annex-II; Page: 16		Please clarify that bidder shall be responsible for the Guarantee clauses		Guaranted obligation under the

8	Cl.NO. 7	Guarantee Period:	against the manufacturing defects but not on the grounds of operation & maintenance.		provisions under clause 13.2 of GCC i.e 60/66 months shall be applicable.
9	Annex-II; Page: 17  Cl.NO. 11	Factory visit / Evaluation	We understood that the visit cost to the OEM factory shall be borne by the TPCODL during technical evaluation as well as FAT during pre-dispatch routine testing.		Accepted
10	Annex-VII; Page: 23  Cl.NO. Bid BG	Format of Bid BG	We understood that this format of BG is applicable towards EMD submission. Please clarify.		The BG format ia applicable for submission of EMD, however the said BG should be encashable at at BBSR instead of Mumbai mentioned in the enclosed format.
11	GCC Page: 7/44  Cl.No: 6.1	Quantity Variation	The variation of quantity is in the lower limit of 10% of indent quantity. This is in order to freeze our OEM manufacturing line in advance.		The relevant provision of the contract will prevail as per clause 11.1 of Terms and Condition.
12	GCC Page: 8/44  Cl.No: 8	Security cum Performance Deposit	There is no need to submit the PBG on contract value.  Rather,the bidder to submit performance GB in the form of Bank Guarantee for the Lot wise order value meeting less/more 5Cr value.  Two PBGs to submit by firm.  Please clarify the above three, which one is applicable.		The Bidder to submit only one Performance Bank Guarantee which shall be valid till the end of warranty period. This should be in line with the clause no 8 of GCC.
13	GCC Page: 14/44  Cl.No: 13.2	Guarantee Period	60/66 months applicable for the lotwise deliveries. Kindly clarify.		Guaranted obligation under the provisions under clause 13.2 of GCC i.e 60/66 months shall be applicable.
14	GCC Page: 15/44  Cl.No: 13.6	Latent defect	Kindly clarify that this extra guarantee applicable for the particular devices which are defective due to Latent and found in operation and this is applicable for guarantee extension but not the entire Lot.		The same provisson shall be applicable to the affcted equipment not the entire lot.

15	GCC	Insurance	The bidder to take insurance until the materials reached to TPCODL stores. But not until the installation , Integration. Please clarify.		It will be governed as per clause no. 27(a) of GCC.
	Page: 24/44				
	Cl.No: 27				
16		Storage Space	Since the scope of Installation is in the TPCODL, we understood that the Storage space and shifting to site during installation is not in the scope of bidder scope. Where as bidder to train TPCODL man power for installation and supervise the Installation and Testing and Integration. Please clarify.		Accepted
	Page: 7/19				
	Cl.No: 13				
17	TS	Dielectric Medium for Recloser	We request to accept both Recloser and Sectionaliser with SF6 Insulation medium.		Autorecloser shall have Vacuum bottles as interrupting medium, and sectionliser with SF6 interrupting medium accpeted. Insulation medium shall be HCPE as per specifications
	Page: 4/29				
	Cl.No: 4 (4)				
18	TS	Rated short time withstand current	We request to accept 1 sec duration which is adequate to our Indian Utility requirements.		To be complied as per specifcations
	Page: 4/29				
	Cl.No: 4 (11)				
19	Page: 7/29	Auxiliary Transformer rating	Accept this VA rating as per the device load adequacy requirement.		To be complied as per specifications
	Cl.No: 4 (44)				
20	Page: 10/29	Controller must have at least one	Please clarify the the FRTU		Controller shall have the provision of both MQTT and IEC104, however the data exchange from controller to SCADA System is envisaged on IEC104 currently.
	Cl.No: 47	TCP/IP Ethernet port to / for	output either IEC 104. Simultaneous IEC 104 and MQTT is not required. Please clarify.		
		communication with master station			

		over IEC-60870-5-104 & MQTT	In case of MQTT, the output can be from the Modem to MQTT Server but not Simultaneous with IEC 104. Please clarify.		
21	Page: 10/29 Cl.No: 47	Shall also support SFTP protocol to transfer disturbance record to remote server.	Simultaneous function of reporting to SCADA is not considered. Please clarify. Also, please share the communication architecture to understand the TPCODL requirement. We feel that correct and useful protocols will give competitive pricing to TPCODL.		To be complied as per specs, Communication architecture will be discussed/shared with the successful bidder
<b>Sr. No.</b>	<b>Clause No</b>	<b>Tender Specifications</b>	<b>Comments and Clarification</b>		<b>TPCODL Comments</b>
1	CL 1.0/ Scope	This specification covers the technical requirements of design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading at site/store, Installation and commissioning and performance of 11kV Pole Mounted Autorecloser and Sectionalizer with all accessories and necessary training for trouble free & efficient performance	Please clarify the scope of work with respect to unloading at Site/Store and installation and commissioning, or only supervision of installation or commissioning is required.		unloading of material at stores is the bidders scope.
2	CL 4.0/General technical requirements	Mounting: Pole mounted (TATA POWER pole is trapezoidal in shape)	We request detailed dimensions of the pole in order which is required to size the dimensions of the mounting clamp		The poles are RS joist type. Very few are standard PCC poles of height 7m and 9m. If further clarity is required OEM may survey sample area and suggest about mounting arrangement
3	CL 4.0/General technical requirements	Rated Short time current withstand (3sec) : 12.5kA	We have tested the sectionalizer for 16kA for 1 Sec which is suitable to meet the application. Kindly confirm		To be complied as per specs
4	CL 4.0/General technical requirements/ CL 5.15	Minimum number of rated load operations: 10000 The unit shall be designed for minimum 10,000 mechanical operations on load.	We have tested the sectionalizer for M2 class 5000 operations which is suitable to meet the application.		To be complied as per specs
5	CL 4.0/General technical requirements	Insulation cap on HT terminals of Autorecloser or Sectionalizer	Since the overhead cable is directly connected on the terminals, no separate insulation cap is required for the HT terminals, please clarify		The brid guard/insulation cap is required on each HT terminals of each device like ACR, SEC, LA and PT there should be any bare joint or busbar.



6	CL 4.0/General technical requirements	The mounting bracket for Autorecloser and Sectionalizer : GI material suitable for TATA POWER poles to be provided for single pole and double pole installation with cantilever type arrangement	Please provide details of the pole so that suitable mounting bracket can be arranged		The poles are RS joist type. Very few are standard PCC poles of height 7m and 9m. If further clarity is required OEM may survey sample area and suggest about mounting arrangement
7	CL 4.0/General technical requirements	The pole top Autorecloser or Sectionalizer should have two body earthing provisions.	One earth terminal stud is provided as per the standard design we request you to accept the same		AS per IS standards each device shall have two earth points, same to be provided.
8	CL 4.0/General technical requirements: 47, Controller Cabinet	Controller Cabinet : The enclosure shall be made up of stainless steel with IP55 tested for protecting internal components against electromagnetic, electrostatic and environmental influence	The enclosure cabinet design is made up of GI suitable for IP54 applications which is sufficient to meet the requirement.		deviation not accepted and to be complied as per specifications
9	CL 4.0/General technical requirements: 47, Controller Cabinet	Communication protocol- The controller should be supplied with IEC104 and MQTT. No other and proprietary protocol are accepted.	The communication modem shall support MQTT protocol for sending the controller data to the control center. Communication between SCADA and Controller shall be on IEC104 protocol. Kindly confirm our understanding.		Communication Modem shall support both MQTT and IEC104 protocol. The communication between Controller and SCADA System shall be on IEC104
10	CL 4.0/General technical requirements: 47, Controller Cabinet	64-bit RAM Core CPU operating @ minimum 450 MHz	We request to TPCODL to allow 32 Bit RAM core CPU, which will be sufficient for the performance of the application.		To be complied as per specs. However bidder may submit their offer with 32 bit RAM core CPU ensuring the TPCODL performance requirement.
11	CL 4.0/General technical requirements: 47, Controller Cabinet	Controller must have at least one TCP/IP Ethernet port to / for communication with master station over IEC-60870-5-104 & MQTT.	The communication modem shall support MQTT protocol for sending the controller data to the control center. Communication between SCADA and Controller shall be on IEC104 protocol. Kindly confirm our understanding.		Communication Modem shall support both MQTT and IEC104 protocol. The communication between Controller and SCADA System shall be on IEC104

12	CL 4.0/General technical requirements: 47, Controller Cabinet	Support IEC - 60870-5-104 & MQTT for communicating with master station. Shall also support SFTP protocol to transfer disturbance record to remote server.	The communication modem shall support MQTT protocol for sending the controller data to the control center. Communication between SCADA and Controller shall be on IEC104 protocol. Kindly confirm our understanding.		Communication Modem shall support both MQTT and IEC104 protocol. The communication between Controller and SCADA System shall be on IEC104
13	CL 4.0/General technical requirements: 47, Controller Cabinet	The controller shall have provision of Multi-Master reporting - 8 masters with single CSADU	We request to TPCODL allow - 4 masters with single CSADU		The controller shall have provision of Multi-Master reporting - minimum 6 masters with single CSADU
14	CL 5.1.1 / Pole top switchgear	The Autorecloser/Sectionalizer shall consist of three pole assemblies where vacuum bottles interrupt current, providing minimum and even contact wear, long life and maximum reliability	The sectionalizer shall consist of three pole assemblies with interruption medium as SF6 , kindly confirm		Autorecloser shall have Vacuum bottles as interrupting medium, and sectionalizer with SF6 interrupting medium accepted.
15	CL 5.2.2/Sectionalizer control panel features	Sectionalizer control Panel Features: Contact & breaker health status	Please can you clarify the requirement of contact and breaker healthy status		It is about remaining life of the breaker/sectionalizer displayed as contact wear status.
16	CL 5.2.2 (iii)/Sectionalizer control panel features	Protective features shall be provided by bidder : a)over current-Instantaneous & IDMT along with different selection curves & DT b)Earth fault - Instantaneous & IDMT along with different selection curves & DT c) Cold Load Pickup d) Inrush Restraint e) switching over from one protection group to another with power flow direction – Automatically f) Live load blocking g) Minimum TMS settings for IDMT element shall be 0.01 for better relay co-ordination with upstream recloser. h) The highest/definite time delay shall have minimum 10ms setting. i)Fault interrupt counter up to 4 j) Interruption detection logic shall be combination of fault current threshold, source voltage zero and load current zero for precise sectionalizing of fault	Please can you clarify the requirement of protection features in the sectionalizer.		The protection required for recording the faults and this is inherent feature required for functioning of sectionalizers.

17	CL 5.2.2 (iv)/Sectionalizer control panel features	Metering capabilities shall be provided by bidder which shall be monitored through local & remote (using SCADA) a)Current: Phase & Neutral b)voltage: Phase to phase & Phase to Neutral c)KW- Single & Three phase d)KWh- Single & Three phase e)KVAr- Single & Three phase f) Power Factor g)Frequency h) Positive, Zero and Negative Sequence Currents i) Positive, Zero and Negative Sequence voltage j)Load profile-current ,voltage & Power k)Load outage	Please clarify the requirement of metering capabilities for SCADA		To be complied as per specs
18	CL 7.3/Acceptance test	Measurement of contact resistance with closed switch condition : Should be within limit of <150 micro ohm for each phase.	The contact resistance shall be as per manufacturers type tested design.		Bidders to specify the values as per type test reports.
NIT No.: TPCODL/P&S/Auto-Reclosure&Sectionalizer/15/20-21					
1	Annexure-1	Schedule of Items 11kV Auto-reclosures with Associated Materials : 40 Nos 11kV Sectionalizers with Associated Materials: 120 Nos	Please clarify whether the bidder shall be able to quote for only one of the line items in the bid. Since the bid is evaluated commercially on the line item wise lowest cost.		The prices are to be quoted as per Annex-I of Tenderspecification for both items
2	Annexure-2 / General	The approximate Quantity is shown under Annexure-I (Schedule of Items).The quantities shown under Annexure-I are tentative and for evaluation purpose only. These may change while executing the contract.	For the quantities shown in Annexure-I the maximum variation shall be limited to +/-10%		The relevant provision of the contract will prevail as per clause 11.1 of Terms and Condition.
3	Annexure-2 / General	Training for installation testing and commissioning of A/R and S/R is in the scope of bidder	Please indicate the training duration , batch details and place where the training is intended to be provided.		5 man days
4	Annexure-2 / General	Details of Router shall be provided by bidder. The routers are to be used for communication with MPLS over GPRS	please specify the approved makes for routers if any . We also understand that SIM cards shall be provided to the bidder.		Router shall be of reputed make and shall comply to all environmental condition. SIM card will be made available by the purchaser
5	Annexure-2	Sectionalizer I/O list Analogue Points Energy values	Please clarify the requirement of analogue points and energy values as a part of the sectionalizer or the same is for autorecloser only.		For both Autorecloser and Sectionalizer
1		11kv Isolator	11kv Isolator-Is isolator required to be supplied for Autoreclosers and Sectionalizers? Are there any approved manufacturers for this product?		Bidder can provide any make as meeting the specification and having required type test reports.

2		Auxiliary PT	Are there any approved manufacturers for this product?		PT to be as per specification and type tested. Bidder can check for ECS or Pragati etc.
3		Modem/Router-	G/MPLS Modem - Are there any approved manufacturers for this product?		Router shall be of reputed make and shall comply to all environmental condition.
4		Protocol support	The communication protocols IEC 104 and MQTT are mentioned as required. Can MQTT be utilised via gateway? Does the existing master station support MQTT and which version is being accepted?		MQTT Support at Master is being planned
<b>S.No</b>	<b>Clause</b>	<b>Description</b>	<b>Bidder Comments</b>		<b>TPCODL Comments</b>
1	Cl. 1.4.9 Page No.4	Bidder shall submit box sample as per applicable technical specification in this tender. The sample shall be submitted at TPCODL office. A confirmation of submitted sample is to be shared by bidder before tender opening. In case of non-submission of sample, TPCODL reserve the right to reject the bid for further acceptance/evolution.	Sample Not applicable.		a must requirement
2	Annexure II Cl-2 Page No. 15 Scope of Work	The Scope shall include design, engineering, manufacturing, Shop testing at manufacturers works before dispatch, packing, loading, transportation, transit insurance, uploading at site. Testing, Commissioning and integration of auto-reclosers and Sectionalizers up to SCADA	We understand the tender is only for supply portion. Kindly confirm whether installation and commissioning is done by TPCODL. (There is no clarity on Installation and Commissioning Kindly confirm)		In case of contradiction clause no.6 of Tender specification will prevail.
3	Technique Specification on Cl 1.0 Page No.02 (Scope)	This specification covers the technical requirements of design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading at site/store, installation and commissioning and performance of 11kV pole mounted autorecloser and sectionaliser with all accessories and necessary training for trouble free and efficient performance.			

4	Annexure IICI-6 Page No. 16 ( Payment terms)	On Completion of supply of complete material – 70% of invoice amount shall be paid within one month from the date of receipt of verified invoice(s) at designated BIRD counter. On completion of installation – 10% of invoice amount shall be paid within one month from the date of receipt of verified invoice(s) at BIRD Counter. On completion of charging – 20% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at BIRD counter.	Since the Scope is not clear on Installation and Commission, the payment terms specified in clause is not correct because 10% on completion of Commission and 20% on completion of charging is not related to the supply tender. Kindly confirm the scope and payment terms.		Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail.
5	GCC for supply order CI 13 Page No.16 ( Guarantee Period)	SCC guarantee period will be 60 Months from the date of commissioning or 66 Months from the date of delivery of final lot of supplier made, whichever is earlier	Since there is contradicting in guarantee clause. We will provide performance Bank Guarantee @ 5% for 12/18 months and we will provided corporate guarantee for balance period if required. Kindly confirm the above .		Guaranted obligation under the provisions under clause 11 of Technical Specification shall be applicable.
6	CI-11. Page No.26 Tender specification	In the event any defect is found by the purchaser up to a period of at last 12 months from the date of commissioning or 18 months from the date of last supplies.			
7	Page No.26 Technical Specification	Bidder shall further be responsible for " free replacement" for another period of THREE years from the end of the guarantee period for any "Latent Defects" if noticed and reported by the purchase	Any guarantee beyond guarantee period is not acceptable. As mention above will be provide 5% PBG for 12/18 months. Kindly confirm above.		Provisions under clause13.6 of GCC will prevail.
<b>SL. No.</b>	<b>Clause No</b>	<b>Description</b>	<b>Bidder's Query</b>	<b>Remarks</b>	<b>TPCODL Comments</b>
1	Guarante e Clause 13.2	In case of no mention of the guarantee period in standard specifications or SCC Guarantee Period will be 60 Months from the Date of Commissioning or 66 months from the date of delivery of final lot of supplies made, whichever is earlier.			
	Terms & Conditions of Contract- Defects & Warranty Clause 24	Contractor is responsible for defects in the Works for a period of 12 (Twelve) months from the date of Issuance of the Completion certificate issued by the Owner/Project Manager to the Contractor for the Works.	There is ambiquity in these two clause: We request you to make 24 months of warranty period from the date of supply of product.		Guaranted obligation under the provisions under clause 13.2 of GCC i.e 60/66 months shall be applicable.

2	4. General Technical Requirement	34. CT/current sensor Accuracy up to 630A +0.5%	Our proposal for CT Accuracy is 5P20,Class 1 For recloser, the above accuracy class is commonly used for most of power system. The accuracy class in the specification is not clearly mentioned for protection and metering. We request the customer to accept our proposed accuracy class.		5P20 class 1 accepted
3	4. General Technical Requirement	35. Voltage sensor for metering and protection Accuracy up to 12kV +0.5%	The accuracy of voltage sensor required with 0.5 class according to the technical specifications, but the voltage sensor is not required with high accuracy rate like 0.5 class. Our proposal is 1% accuracy with RVD(Resistance voltage divider) for Recloser We request the customer to accept our proposed accuracy class.		class 1 accepted
4	4. General Technical Requirement	47. Controller Cabinet The unit shall include "flash" boot loader that will support reprogramming of the main control unit firmware via USB/ Ethernet port. 64-bit RAM Core CPU operating @minimum 450 MHz RAM size shall be- min 64MB and additionally the controller shall have provision of flash memory to store logs, events and data	These are manufacturer's choice and cannot be changed for specific job. Please clarify if we can propose our own design for RAM size. The required 64MB seems to be excessive designing.		Bidder to specify the RAM Size. Bidder to comply with the specification. Bidder may submit their proposal with deviation. However the proposed RAM Size shall ensure the required performance parameters
5	4. General Technical Requirement	47. Controller Cabinet Digital data should have higher priority than Analog data. The dead band shall be user configurable, for reporting Analog data by exception shall be initially set to 1% (in 1%) of full scale value.	Please clarify if this requirement is for telecommunication or hard wired communication.		The requirement is for telecommunication i.e. the data exchange between Controller and Purchaser's SCADA System
6	4. General Technical Requirement	47. Controller Cabinet Communication protocol- The controller should be supplied with IEC104 and MQTT. No other and proprietary protocol are accepted	The MQTT is not a common protocol for distribution line networks. Please exclude MQTT from the requirement.		Bidder to comply with the Specification. Other protocol specified are IEC104. Bidder can submit the proposal with deviation.

7	4. General Technical Requirement	47. Controller Cabinet Support IEC - 60870-5-104 & MQTT for communicating with master station. Shall also support SFTP protocol to transfer disturbance record to remote server.	We are using FTP-SSL for transferring data instead of SFTP. With our proposed FTP-SSL we can fully comply with technical requirement.  Please confirm if we can offer FTP-SSL instead of SFTP.		Bidder to ensure the data integrity and security.
8	4. General Technical Requirement	47. Controller Cabinet The controller shall have provision of Multi-Master reporting - 8 masters with single CSADU	We can support only 2 masters with IEC 60870-5-104 protocol. Please amend the requirement as 2 number of master.		The controller shall have provision of Multi-Master reporting - minimum 6 masters with single CSADU.
9	4. General Technical Requirement	47. Controller Cabinet  Cyber security- Multi User level authentication, Disabling the DNS, Disabling/enabling/ configurable TCP/UDP port, Controller shall have capability to store system logs.	Please exclude the cyber security requirement which is excessive design/engineering for distribution network		Cyber security requirements is mandatory and certification to be provided along with the bid.
10	5.2 Control Panel Details	5.2.1 Auto Recloser control panel feature  vi) Communication features to be provided by bidder a) on front panel-USB Port/Ethernet/RS485	Our proposed controller will have USB port on front part of relay and Ethernet/RS485 port on the side part of relay. Please accept this construction.		Bidder to comply with the specification. Bidder may submit their offer with deviation.
11	5.2 Control Panel Details	vii) User interface provided by the bidder  g) Switches to disable electronic close & trip operations shall be provided for safety.	handle for this requirement. Please confirm if this will be acceptable to the customer instead of switch as mentioned in the specification		This is required for safety. Disabling switches are also required
12	5.2 Control Panel Details	5.2.2 Sectionalizer control panel feature	As required by the customer, the same controller will be used for auto recloser and sectionalizer. Our query for sectionalizer control panel will be same as for auto recloser control panel. Please confirm if we can offer the recloser controller for sectionalizer.		If bidder is offering autorecloser in place of sectionalizer then controller of autorecloser shall do.
13	7.1 Type Test for Switchgear	For Auto Recloser  Type Test Requirement	Please clarify followings.  1. Please clarify if "Thermal Runaway Test" means temperature rise test.  2. Please exclude the following type tests from the requirement. They are not included in IEC standard . (1) Continuous current tests (2) Low Current Test		Type test shall be as per IEC62271-111 for autorecloser all test as per IEC shall be mandatory.

14	7.3 Accept	Insulation Resistance Test	resistance test from the requirement since it is one of commissioning tests at the site.		To be complied as per specification
15	8- TYPE TEST CERTIFICATE	The Bidder shall furnish the type test certificates of same design as offered in bid for the tests as mentioned above as per the corresponding standards. All the tests shall be conducted at CPRI/ERDA or International accredited Laboratory like KEMA as per the relevant standards of IEC/IEEE. Type tests shall have been conducted in certified Test laboratories during the period not exceeding 5 years from the date opening the bid. In the event of any discrepancy in the test reports, i.e.any test report not acceptable or any/all type tests (including additional type tests, if any) not carried out, same shall be carried out without any cost implication to TATA POWER. Bids without all type test reports shall stand disqualified	Our type test report for 15.5kV Solid LRC has been more than 5 years, but in accordance to IEC6227 1-111 clause 6. Type test "Once made,the type tests need not repeated unless the design is changed so as to modify the performance characteristics of the recloser" based on it, please remove the above 5 yrs validity from the requirement.		If no design change then accepted undertaking to be submitted for no design change in model no. of type tested and offered should be same.
16	Others	Rated short circuit Symmetrical breaking / Interrupting current is 12.5kA	Is it for Recloser or Sectionalizers. Such breaking capacity is not applicable for Sectionalizers as they are load break switches. Moreover they operate at no load in Sectionalizer function.		To be complied as per specification
17	Others	Minimum number of rated load operations is required 10000	Is it for Recloser or Sectionalizers. Such no of operations are not applicable for Sectionalizers as they are load break switches		To be complied as per specification
18	Others	Operating sequence/Duty ( Duty cycle and the recloser delay time shall be programmable at site and remotely)	Is it for Recloser or Sectionalizers. Such operating Duty is not applicable for Sectionalizers as they are motorized load break switches and may not be so fast. Moreover they operate at no load in Sectionalizer function.		Parameters shall be applicable as per equipment design nature and IEC



Sr. No.	Detailed Reference to Tata Power Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification		TPCODL Comments
1	clause No -1.4.9 Page No-4	1.4.9 Bidder shall submit box sample as per applicable technical specification in this tender. The sample shall be submitted at TPCODL office. A confirmation of submitted sample is to be shared by bidder before tender opening. In case of non-submission of sample, TPCODL reserve the right to reject the bid for further acceptance / evaluation.	we will import same product as per TPDOCL Technical specifications. But due to COVID-19 It will take more time to receive in India. So please share tentative time line for submission of BOX SAMPLE.		Sample box to be inspected by webex. We will only accept those products for which after sales service and material be available in India
2	1.7 Qualification Criteria, Page no -6	1. Bidder or OEM should have an average annual turnover of Rs. 100.00 Crore or more in last 3 financial years. Copy of audited P&L Account to be submitted in this regard.	Estimate cost of tender is 15-20 cr approx but asking for 100 cr turnover is not justified request to please revise this.		The relevant provision of the contract will prevail. There will be no change in Tender Specification.
3	1.7 Qualification Criteria, Page no -6	2. Bidder or OEM should have either executed 100% of total tender qty during last three financial years or single order of 50% of total tender qty during last three financial years or 2 orders of 30% each of total tender quantity for last 3 financial years .Copies of Purchase orders certifying the quantities has to be submitted along with the bid. For the purpose of calculation of executed quantity, quantity of Auto-reclosure in place of Sectionaliser may be considered. Copy of work order / completion certificate to be submitted in this regard.	As Autorecloser is not fast moving product in indian power business, the required performance should be 7 years instead of 3 years.		The relevant provision of the contract will prevail. There will be no change in Tender Specification.

4	<p>6. Payment terms page No 16: 7.5 Payment Terms, Page No-12</p>	<p>6. Payment terms -On completion of supply of complete material - 70% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at designated BIRD counter. On completion of installation – 10% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at BIRD counter. On completion of charging - 20% of invoice amount shall be paid within one month from the date of receipt of verified invoice (s) at BIRD counter. 7.5 Payment Terms - On delivery of the materials in good condition and certification of acceptance by certified official, Associate shall submit the Bills/ Invoices in original in the name of Tata Power Central Odisha Distribution Limited to Invoice Desk. The payment shall be released within 90 days from the date of submission of certified bills/ invoices</p>	<p>These both clauses 6 &amp; 7.5 are contradictory which one will prevail If 6 Prevails - This is just a supply contract wherein Payment of supplier should not be linked with installation &amp; charging of product, Hence requested to make it changes to 1. At the completion of supply -100% or 2. completion of supply -90% &amp; completion of installation-10%.</p>		<p>Clause 7.5 Tender Specification read with Clause.6 of Annexure-II enclosed in the Tender Specification will prevail.</p>
---	---	---	--	--	---