

**TPCODL**

TP Central Odisha Distribution Limited

**TPNODL**

TP Northern Odisha Distribution Limited

**TPSODL**

TP Southern Odisha Distribution Limited

**TPWODL**

TP Western Odisha Distribution Limited

**CENTRALIZED CONTRACTS GROUP**

NIT No.: TPCODL/CCG/23-24/030

**Open Tender Notification**

for

**Rate Contract for Supply of 33 KV & 11 KV Fault Passage Indicator & DCU at TPSODL & TPNODL.****Tender Enquiry No.: TPCODL/CCG/23-24/042,  
Due Date for Bid Submission: 28<sup>th</sup> October 2023 [17:00 Hrs.]****Centralized Contracts Group  
TP Central Odisha Distribution Limited  
(A TATA Power and Odisha Government Joint Venture)****1<sup>st</sup> Floor, Anuj Building, Plot No. 29, Satya Nagar,  
Bhubaneswar – 751007**



TP Central Odisha Distribution Limited



TP Northern Odisha Distribution Limited



TP Southern Odisha Distribution Limited



TP Western Odisha Distribution Limited

**CENTRALIZED CONTRACTS GROUP**

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Tender Enquiry No.	Work Description	EMD (Rs.) *	Tender Fee inclusive of GST (Rs.) **	Last Date and Time for payment of Tender Fee
TPCODL/CCG/23-24/042	Rate Contract for Supply of 33 KV & 11 KV Fault Passage Indicator & DCU at TPSODL & TPNODL	5 Lakhs	5,000	18.10.2023.

\* EMD is exempted for MSMEs registered in the State of Odisha.

\*\* MSMEs registered in the State of Odisha shall pay tender fee of Rs. 1,000/- including GST. For details of MSME norms, pls refer "Annexure A" below.

**INFORMATION TO THE BIDDERS TO PARTICIPATE IN E-OPEN TENDER SYSTEM OF TPCODL****:- Steps for E-tender submission: -**

**Bids are to be submitted only through online e-procurement platform, ARIBA. Any other form of bid submission will not be accepted. Online Link for submission of bid through ARIBA will be sent only after confirmation of payment of tender fee from bidder.**

**Step 1:** The bidder can get primary information about the tender from the Newspaper advertisement / TPCODL/TPWODL/TPNODL/TPSODL website <www.tpcentralodisha.com> and can download the tender document from the above website.

**Step 2:** Non-Refundable Tender Participation Fee, as indicated in tender document, to be submitted before last date of tender fee payment, in the form of direct deposit/NEFT/RTGS in the following bank account.

Account Name: TP Central Odisha Distribution Limited

Bank Name: State Bank of India,

IDCO Towers, Bhubaneswar

Bank Account No.: 10835304915

IFSC Code: SBIN0007891.

**Step 3:** Eligible and Interested bidder to send an email to TPCODL attaching duly signed and stamped letter on Bidder's letterhead, with following details, expressing their intend to bid against above tender:

Sl. No.	Description	Bidder's Response
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i)	Tender Enquiry No.	
ii)	Description of materials / Works Tendered	
iii)	Name and address of the bidding company	
iv)	Name of the authorized contact person	
v)	Contact No. authorized person	
vi)	E-mail Id of the where online ARIBA link to be sent	
vii)	Tender Fee details (Amount / NEFT-RTGS UTR No /	
viii)	GST No. of the bidder	
ix)	MSME Certificate, wherever applicable	
x)	Postal address of bidder for return of EMD BG	

E-mail must be sent to <santanu.mukherjee@tpnodl.com> with copy to <vipin.chauhan@tpnodl.com> before "Last date and time for payment of Tender Participation Fee".

**Step 4:** On receipt of the document as mentioned in Step 3 above and after due verification of the same, ARIBA link for participation in the tender will be sent to bidder's mail address from ARIBA system.

**Step 5:** In this mail there will be an online link as [Click Here](#) to participate in the tender.

**Step 6:** Click "[Click Here](#)" to access this event.

**Step 7:** If bidder is bidding for the first time for CCG through ARIBA site, then please "Sign UP" by creating User Name and password as mentioned in Sign Up page. Please follow the process, as mentioned in the Sign-Up page, during creation of User Name and password. Also, a simple one-page registration screen will open for first time users. All \* mark mandatory field to be filled in. Those who already have User Name and password for accessing TPCODL events, they can LOGIN using same User Name and password.

If bidder has got User name and password for their other customer, same will not be applicable for TPCODL/TPWODL/TPNODL/TPSODL

**Step 8:** You will be able to see the RFQ.

**Step 9:** After review and downloading of all documents click on "[Review Pre-requisites.](#)"

**Step 10:** Review and accept "[Bidder Agreement](#)".

**Step 11:** You can see attached pdf tender document against clause no 1.1.1 (Introduction).

**Step 12:** Vendor must attach pdf version of technical bid in clause no. 2.1 and 2.2. In this field do not attach any price document.

The price schedule is attached in clause no.3.2. Same must be downloaded and price and tax details to be filled in as per the format given, print to be taken in vendor's letter head and signature and seal

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to be made by authorized person. PDF version of this price bid to be attached in clause 3.2 For Price Bid put all the unit price and taxes and duties in provided field. Put "0" (ZERO) in not applicable field.

**Step 13:** After successfully putting Techno commercial offer and price part then click on "**Submit Entire Response**".

**Note:** Once user ID and password created, bidder can also login to ARIBA site through the following URL:

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**Annexure-A****Preferential norms for procurement from MSMEs registered in the State of Odisha****1) Tender Fees**

To participate in the tender, MSMEs registered in the State of Odisha shall pay Rs.1,000/- including GST towards cost of tender paper.

**2) Earnest Money Deposit (EMD)**

EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.

**3) Qualification Requirement for Open Tenders**

Qualification Requirement of Financial Turnover for MSME registered in the State of Odisha shall be reduced to 20% of the existing criteria.

For past experience, instead of relying on the volumes / value of earlier Supplies / Projects, assessment of the Bidder shall be done on the basis of feedback from Customers. Past performance experience at Tata Power and its Group Companies shall supersede feedback from other Customers.

**4) Reservation for MSME**

It shall be mandatory to procure at least 20% of the total volume of the procurement from MSME registered in the State of Odisha (however, it shall not apply where goods/services are not available with the MSME), subject to matching L1 discovered prices and meeting technical specifications including quality requirements.

**5) Performance Bank Guarantees**

Performance Bank Guarantee for MSME registered in the State of Odisha shall be 25% of the value normally prescribed.

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**Definition & Introduction of Centralized Contracts Group**

The Centralized Contracts Group (CCG) is a shared service group of four TP Discoms (TPCODL, TPNODL, TPSODL & TPWODL) in Odisha. The contract finalized by CCG shall be used by four TP Discoms to execute the work.

**1.0 Event Information****1.1. Scope of work**

Bids are invited from interested Bidders to award contract for Procurement of 11 KV & 33 KV Outdoor VCBs as mentioned below:

Sl. No.	Item description	UoM	TPSODL	TPNODL	Total Quantity
1	33 KV communicable Fault passage Indicator (FPI) O/H	Nos.	900	500	1400
2	11 KV communicable Fault passage Indicator (FPI) O/H	Nos.	1800	1100	2900
3	DCU for 33 KV communicable (FPI) O/H	Nos.	30	-	30
4	DCU for 11 KV communicable (FPI) O/H	Nos.	60	-	60

**1.2. Availability of Tender Documents**

Please refer "Procedure to participate in the e-tender".

**1.3. Calendar of Events**

(a)	Last date and time of Payment of Tender Fee	18.10.2023
(b)	Last Date of receipt of pre-bid queries by e-mail, if any	20.10.2023; 17:00 Hours
(c)	Last Date of Posting Consolidated replies to all the pre-bid queries as received	22.10.2023
(d)	Last date and time of receipt of Bids	28.10.2023
(e)	Date & Time of opening technical bids & EMD	29.10.2023; 15:00 Hours
(f)	Date & Time of opening of Price of qualified bids	Will be notified to the successful bidders through our website / mail as per relevant clause

**Note:** In the event of last date specified for submission of bids and date of opening of bids is declared as a closed holiday for TPCODL's office, the last date of submission of bids and date of opening of bids will be the day following working day at appointed times.

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**CENTRALIZED CONTRACTS GROUP****NIT No.: TPCODL/CCG/23-24/030****1.4 Mandatory documents required along with the Bid:**

- 1.4.1 EMD of requisite value and validity
- 1.4.2 Tender Fee.
- 1.4.3 Requisite Documents for compliance to Qualification Criteria mentioned in Clause 1.7.
- 1.4.4 Acceptance of Specification, drawing with filled in GTP as per Annexure II.
- 1.4.5 Duly signed and stamped 'Schedule of Deviations' as per Annexure III on bidder's letter head.
- 1.4.6 Duly signed and stamped 'Schedule of Commercial Specifications' as per Annexure IV on bidder's letter head.
- 1.4.7 Duly filled in Annexure V and VI.
- 1.4.8 Proper authorization letter/ Power of Attorney to sign the tender on the behalf of bidder.
- 1.4.9 Copy of PAN, GST registration (In case any of these documents is not available with the bidder, same to be explicitly mentioned in the 'Schedule of Deviations')

***Please note that in the absence of any of the above documents, the bid submitted by a bidder shall be liable for rejection.***

**1.5. Deviation from Tender**

Normally, deviations to tender terms are not admissible and the bids with deviation are liable for rejection. Hence, the bidders are advised to refrain from taking any deviations on this Tender. Still in case of any deviations, all such deviations shall be set out by the Bidders, clause by clause in the 'Annexure III - Schedule of Deviations' and same shall be submitted as a part of the Technical Bid.

**1.6. Right of Acceptance/Rejection**

Bids are liable for rejection in absence of following documents:

- i. EMD of requisite value and validity.
- ii. Tender fee of requisite value.
- iii. Price Bid as per the Price Schedule mentioned in Annexure I (BOQ)
- iv. Necessary documents against compliance to Qualification Requirements mentioned at Clause 1.7 of this Tender Document.
- v. Filled in Schedule of Deviations as per Annexure III.
- vi. Filled in Schedule of Commercial Specifications as per Annexure IV.
- vii. Signed and filled in Specification and GTP as per Annexure II.
- viii. Duly filled and signed Annexure V and VI.
- ix. Receipt of Bid within the due date and time.

CCG reserves the right to accept/reject any or all the bids without assigning any reason thereof.

**1.7 1.7 Qualification Criteria:**

- I. The average annual turnover requirement of the bidder shall be a minimum of Rs. 5.0 Crore (average of best three Financial year out of five Financial years shall be considered - FY 18-19, FY 19-20, FY 20-21, FY 21-22 & FY22-23). Copy of audited Balance Sheet and P&L Account to be submitted in this regard. Qualification Requirement of Financial Turnover for MSME registered in the State of Odisha shall be reduced to 20% of the existing criteria.



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- ii. The bidder should have its own manufacturing facility and should have in-house testing facilities for acceptance tests as per specifications. Bidder must submit undertaking / factory license in this regard. Bidder shall arrange for factory evaluation/ pre-dispatch inspection/ routine and acceptance tests at their works, as per requirement. In case the Bidder is not a manufacturer of the FPI, it should submit the Manufacturer Authorization form and a self-undertaking to facilitate the FPI to be inspected as per the TS of the tender, in the manufacturer's/OEM premises in India (only).
- iii. The bidder should have supplied 25% of the Tendered quantity during the last five years.
- iv. The bidder should have a performance certificate from at least 2 reputed companies for satisfactory performance of the FPI(s). The work against the issued certificates should have been completed within 7 years of the bidding date. In case the bidder has got previous association with Tata Power or TPCODL/TPNODL//TPSODL for supply of similar product, performance feedback of the same will be solely considered irrespective of the performance certificate issued by bidder's other customers.
- v. The bidder must have all statutory compliance like valid PAN no, GSTN etc. The bidder must submit a copy of all these registrations.

**1.8. Marketing Integrity**

We have a fair and competitive marketplace. The rules for bidders are outlined in the General Condition of Contracts. Bidders must agree to these rules prior to participating. In addition to other remedies available, CCG reserves the right to exclude a bidder from participating in future markets due to the bidder's violation of any of the rules or obligations contained in the General Condition of Contracts. A bidder who violates the market place rules or engages in behavior that disrupts the fair execution of the marketplace, may result in restriction of a bidder from further participation in the marketplace for a length of time, depending upon the seriousness of the violation. Examples of violations include, but are not limited to:

- Failure to honor prices submitted.
- Breach of terms as published in TENDER/NIT

**1.9. Supplier Confidentiality**

All information contained in this tender is confidential and shall not be disclosed, published, or advertised in any manner without written authorization from TPCODL/TPWODL/TPNODL/TPSODL. This includes all bidding information submitted to TPCODL/TPWODL/TPNODL/TPSODL. All tender documents remain the property of TPCODL/TPWODL/TPNODL/TPSODL, and all suppliers are required to return these documents to TPCODL upon request. Suppliers who do not honor these confidentiality provisions will be excluded from participating in future bidding events.

**2.0 Evaluation Criteria**

- The bids will be evaluated technically and on qualifying criteria of tender terms and conditions.

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- The bids will be evaluated commercially on **Overall-BOQ** (i.e. all-inclusive lowest cost for the overall BOQ items as calculated in Schedule of Items [Annexure I]).
- Bidder must mandatorily quote against each item of Schedule of Items [Annexure I]. Failing to do so, TPCODL may reject the bids.

**NOTE:** In case a new bidder is not registered with TPCODL/TPWODL/TPNODL/TPSODL, factory inspection and evaluation shall be carried out to ascertain bidder's manufacturing capability and quality procedures. However, TPCODL/TPWODL/TPNODL/TPSODL reserves the right to carry out factory inspection and evaluation for any bidder prior to technical qualification.

In case a bidder is found as Disqualified in the factory evaluation, their bid shall not be evaluated any further and shall be summarily rejected. The decision of TPCODL/TPWODL/TPNODL/TPSODL shall be final and binding on the bidder in this regard.

**2.1 Price Basis:** Price will be fixed and firm during the contractual period.

### **3.0 Submission of Bid Documents**

#### **3.1 Bid Submission**

Bidders are requested to submit their offer in line with this Tender document through e-tendering process.

Please note all future correspondence regarding the tender, bid submission, bid submission date extension, Pre-bid query etc. will happen only through TPCODL E-Tender system (Ariba).

No e-mail or verbal correspondence will be responded. All communication will be done strictly with the bidder who has done the above step to participate in the Tender.

Bids shall be submitted in 3 (Three) parts:

**FIRST PART: "EMD"** as applicable shall be submitted. The EMD shall be valid for 210 days from the due date of bid submission in the form of Bank Guarantee / Bank Draft / Bankers Pay Order (issued from a Scheduled Bank) online NEFT/ RTGS transfer favoring 'TP Central Odisha Distribution Limited' payable at Bhubaneswar. The EMD BG has to be strictly in the format as mentioned in the General Condition of Contract, failing which it shall not be accepted by CCG and the bid as submitted shall be liable for rejection. A separate non-refundable tender fee of the stipulated amount also needs to be transferred online through NEFT/ RTGS in case the tender document is downloaded from our website.

TPCODL Bank Details for transferring Tender Fee and EMD is as below:

**Account Name: TP CENTRAL ODISHA DISTRIBUTION LIMITED**

**Bank Name: SBI, IDCO Towers, Bhubaneswar**

**Bank Account No.: 10835304915**

**IFSC Code: SBIN0007891**

**Note:** EMD is preferred in the form of Bank Guarantee and to be delivered at the following address. However, in view of present situation, if Bidder is finding it difficult to make and submit BG for EMD amount, they can do online transfer of EMD amount in the above-mentioned Account and submit proof of the same as part of Bid Submission.

Please note that in such a case, Tender Fee and EMD should be strictly 2 separate transactions.

Please note as return of EMD from Bank Account is non-standard practice and the same may take more time than return of EMD BG.

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**EMD Original Hard Copy shall be delivered at the following address in Envelope clearly indicating Tender Reference/ Enquiry Number, Name of Tender and Bidder Name**

**Chief –Centralized Contracts Group  
TP Central Odisha Distribution Limited  
1<sup>st</sup> Floor, Anuj Building, Plot No. 29, Satya Nagar, Bhubaneswar- 751007**

EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.

**SECOND PART: “TECHNICAL BID” shall contain the following documents:**

- i) Requisite Documents for compliance with Qualification Criteria mentioned in Clause 1.7 and clause no. 1.4.
- ii) Type Test Certificate of Lightning Arrester of same or higher rating.
- iii) Acceptance of Specification as per Annexure II.
- iv) Duly signed and stamped ‘Schedule of Deviations’ as per Annexure III on bidder’s letter head.
- iv) Duly signed and stamped ‘Schedule of Commercial Specifications’ as per Annexure IV on bidder’s letter head.
- v) Duly filled in Annexure V and VI.
- vi) Proper authorization letter/ Power of Attorney to sign the tender on the behalf of bidder.
- vii) Copy of PAN, GST registration (In case any of these documents is not available with the bidder, same to be explicitly mentioned in the ‘Schedule of Deviations’)

**The technical bid shall be properly indexed and is to be submitted through CCG/TPCODL E-tender System (Ariba) only. Hard Copy of Technical Bids need not be submitted.**

**THIRD PART: “PRICE BID” shall contain only the price details and strictly in format as mentioned in Annexure I along with explicit break up of basic prices and Taxes & duties etc. In case any discrepancy is observed between the item description stated in Schedule of Items mentioned in the tender and the price bid submitted by the bidder, the item description as mentioned in the tender document (to the extent modified through Corrigendum issued if any) shall prevail.**

**Price Bid is to be submitted in soft copy through CCG/TPCODL E-Tendering system (Ariba) only. Hard copy of Price Bid is not submitted.**

The EMD in the form of Bank Draft / BG / Bankers Pay Order shall be submitted in original hard copy and then placed in sealed envelope which shall be clearly marked as below:

**EMD**

The Bid prepared by the Bidder, and all correspondence and documents relating to the Bid exchanged by the Bidder and the TPCODL, shall be written in the English Language. Any printed literature furnished by the Bidder may be written in another Language, provided that this literature is accompanied by an English translation, in which case, for purposes of interpretation of the Bid, the English translation shall govern.

**SIGNING OF BID DOCUMENTS:**

The bid must contain the name, residence, and place of business of the person or person making the bid and must be signed and sealed by the Bidder with his usual signature. The names of all persons signing should also be typed or printed below the signature.

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The Bid being submitted must be signed by a person holding a Power of Attorney authorizing him to do so, certified copies of which shall be enclosed.

The Bid submitted on behalf of companies registered with the Indian Companies Act, for the time being in force, shall be signed by persons duly authorized to submit the Bid on behalf of the Company and shall be accompanied by certified true copies of the resolutions, extracts of Articles of Association, special or general Power of Attorney etc. to show clearly the title, authority and designation of persons signing the Bid on behalf of the Company. Satisfactory evidence of authority of the person signing on behalf of the Bidder shall be furnished with bid.

A bid by a person who affixes to his signature the word 'President', 'Managing Director', 'Secretary', 'Agent' or other designation without disclosing his principal will be rejected.

The Bidder's name stated on the Proposal shall be the exact legal name of the firm.

**3.2 Contact Information**

All the bidders are requested to send their pre-bid queries (if any) against this tender through e-mail within the stipulated timelines. The consolidated reply to all the queries received shall be posted on TPCODL website by the stipulated timelines as detailed in calendar of events.

**Communication Details:**Handling Executive for this Tender:

Name: Saurabh Kumar

Contact No.: 7004418500

E-Mail ID: [saurabh.kumar@tpwesternodisha.com](mailto:saurabh.kumar@tpwesternodisha.com)Escalation Level I: HOD -CCG:

Name: Mr. Umesh Bhardwaj

Contact No.: 9871552975

E-Mail ID: [umesh.bhardwaj7@tpcentralodisha.com](mailto:umesh.bhardwaj7@tpcentralodisha.com)Escalation Level II: Head -CCG:

Name: Mr. Vipin Chauhan

Contact No.: 9717393121

E-Mail ID: [vipin.chauhan@tpnodl.com](mailto:vipin.chauhan@tpnodl.com)**3.3 Bid Prices**

Bidders need to quote for all items as per the Price schedule attached in Annexure I. The bidder shall complete the appropriate Price Schedules included herein, stating the Unit Price for each item & total price with taxes, duties & freight up to destination at various sites of TPCODL/TPWODL/TPNODL/TPSODL. The all-inclusive prices offered shall be inclusive of all costs as well as Duties, Taxes and Levies paid or payable during the execution of the supply work, breakup of price constituents.

**Applicable GST to be specified clearly.**

The quantity break-up shown else-where other than Price Schedule is tentative. The bidder shall ascertain himself regarding material required for completeness of the entire work. Any items not indicated in the price schedule, but which are required

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to complete the job as per the Technical Specifications/ Scope of Work/ SLA mentioned in the tender, shall be deemed to be included in prices quoted.

**3.4 Bid Currencies**

Prices shall be quoted in Indian Rupees Only.

**3.5 Period of Validity of Bids**

Bids shall remain valid for 180 days from the due date of submission of the bid.

Notwithstanding clause above, the TPCODL/TPWODL/TPNODL/TPSODL may solicit the Bidder's consent to an extension of the Period of Bid Validity. The request and responses thereto shall be made in writing.

**3.6 Alternative Bids**

Bidders shall submit Bids, which comply with the Bidding documents. Alternative bids will not be considered. The attention of Bidders is drawn to the provisions regarding the rejection of Bids in the terms and conditions, which are not substantially responsive to the requirements of the bidding documents.

**3.7 Modifications and Withdrawal of Bids**

The bidder is not allowed to modify or withdraw its bid after the Bid's submission. The EMD as submitted along with the bid shall be liable for forfeiture in such an event.

**3.8 Earnest Money Deposit (EMD)**

The bidder shall furnish, as part of its bid, an EMD amounting as specified in the tender. The EMD is required to protect TPCODL against the risk of bidder's conduct which would warrant forfeiture.

The EMD shall be denominated in any of the following form:

- Banker's Cheque/ Demand Draft/ Pay order drawn in favor of TP Central Odisha Distribution Limited payable at Bhubaneswar.
- Online transfer of requisite amount through NEFT/ RTGS.
- Bank Guarantee valid for 210 days after the due date of submission.

***The EMD shall be forfeited in case:***

- a) The bidder withdraws its bid during the period of specified bid validity.

**Or**

- b) The successful Bidder does not
- a) accept the Purchase Order, or
  - b) furnish the required Performance Security Bank Guarantee

**3.9 Type Tests (if applicable)**

The type tests specified in TPCODL/TPNODL/TPSODL/TPWODL 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. If type tests carried out are not within the five years prior to the date of bidding, the bidder will arrange to carry out type tests specified, at his cost. The decision to accept/ reject such bids rests with TPCODL/TPNODL/TPSODL/TPWODL/CEQG.

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Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process. Any effort by a Bidder to influence the TPCODL/TPWODL/TPNODL/TPSODL processing of Bids or award decisions may result in rejection of the Bidder's Bid.

**4.2. Technical Bid Opening**

Technical Bids will be opened as per schedule mentioned in section 1.3, in CCG Office (First Floor Conference room, Plot -29, Anuj Building Satya Nagar, Bhubaneshwar) in the presence of authorized representatives (having authorization letter for attending bid opening from competent authority of respective Organizations) of bidders who may choose to be present at the time of tender opening. The Technical bid must not contain any cost information whatsoever, else bids shall be liable to be rejected.

First the envelope marked "EMD" will be opened. Bids without EMD/cost of tender (if applicable) of required amount/ validity in prescribed format, shall be rejected.

Next, the technical bid of the bidders who have furnished the requisite EMD will be opened, one by one

**4.3. Preliminary Examination of Bids/Responsiveness**

TPCODL/CEQG will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order. CCG may ask for submission of original documents in order to verify the documents submitted in support of qualification criteria.

Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price per item that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price per item will be corrected. If there is a discrepancy between the Total Amount and the sum of the total price per item, the sum of the total price per item shall prevail and the Total Amount will be corrected.

Prior to the detailed evaluation, CCG will determine the substantial responsiveness of each Bid to the Bidding Documents including production capability and acceptable quality of the Goods offered. A substantially responsive Bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviation.

Bid determined as not substantially responsive will be rejected by the TPCODL/TPWODL/TPNODL/TPSODL and may not subsequently be made responsive by the Bidder by correction of the non-conformity.

**4.4. Techno Commercial Clarifications**

Bidders need to ensure that the bids submitted by them are complete in all respects. To assist in the examination, evaluation, and comparison of Bids, TPCODL/TPWODL/TPNODL/TPSODL may, at its discretion, ask the Bidder for a clarification on its Bid for any deviations with respect to the TPCODL/TPWODL/TPNODL/TPSODL specifications and attempt will be made to bring all bids on a common footing. All responses to requests for clarification shall be in writing and no change in the price or substance of the Bid shall be sought, offered, or permitted owing to any clarifications sought by TPCODL/TPWODL/TPNODL/TPSODL.



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**CENTRALIZED CONTRACTS GROUP****NIT No.: TPCODL/CCG/23-24/030****4.5. Price Bid Opening:**

Price bids will be opened without the presence of any of the Bidder's representatives.

The EMD of the bidder withdrawing or substantially altering his offer at any stage after the technical bid opening will be forfeited at the sole discretion of TPCODL/TPWODL/TPNODL/TPSODL without any further correspondence in this regard.

**4.6. Reverse Auctions**

TPCODL/TPWODL/TPNODL/TPSODL reserves the right to conduct the reverse auction (instead of public opening of price bids) for the products/ services being asked for in the tender. The terms and conditions for such reverse auction events shall be as per the Acceptance Form attached as Annexure VI to this document. The bidders along with the tender document shall mandatorily submit a duly signed copy of the Acceptance Form attached as Annexure VI as a token of acceptance for the same.

**Reverse Auction shall be conducted as per the below approach:**

No. of Bidders allowed to participate in RA process shall be: Total No of bidders on whom tender would be split PLUS 2 more bidders.

**Illustrative example:** Total no of qualified bidders is 10 & tender needs to split amongst 4 bidders.

PLUS 2 means (04 + 02 = 06) means lowest 6 bidders i.e., L1 to L6 bidders would be allowed in the RA process. Balance, H1 to H4 bidders would not be allowed in the RA process.

In case – Total no of qualified bidders is equal to or less than the **PLUS 2** number, all qualified bidders shall be allowed in the RA process.

**Illustrative example:** Total no of qualified bidders is 4 & tender needs to split amongst 2 bidders. PLUS 2 means (02 + 02 = 04), so all 4 qualified bidders would be allowed in the RA process

**Illustrative example:** Total no of qualified bidders is 3 & tender would be awarded to single party only. PLUS 2 means (01 + 02 = 03), so all 3 qualified bidders would be allowed in the RA process.

**5 Award Decision**

TPCODL/TPWODL/TPNODL/TPSODL will award the contract to the successful bidder whose bid has been determined to be the lowest-evaluated responsive bid as per the Evaluation Criterion mentioned at Clause 2.0. The Cost for the said calculation shall be taken as the all-inclusive cost quoted by bidder in Annexure I (Schedule of Items) subject to any corrections required in line with Clause 3.1 above. The decision to place purchase order/LOI solely depends on CCG on the cost competitiveness across multiple lots, quality, delivery, and bidder's capacity, in addition to other factors that CCG may deem relevant.

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CCG reserves the right to split the order quantity wise/Line item wise among X Bidders. Hence all bidders are advised to quote their most competitive rates against each line item. However, CCG reserves the right to adjust the splitting as per bidders' participation/qualification/any other unforeseen condition in tender.

TPCODL/TPWODL/TPNODL/TPSODL reserves the right to award contracts to one or more bidders to meet the delivery requirement or nullify award decision without assigning any reason thereof.

In case any supplier is found unsatisfactory during the delivery process, the award will be cancelled and TPCODL/TPWODL/TPNODL/TPSODL reserves the right to award contracts to other suppliers who are found fit.

**6 Order of Preference/Contradiction**

In case of contradiction in any part of various documents in tender, following shall prevail in order of preference:

1. Schedule of Items (Annexure I)
2. Technical Specifications (Annexure II)
3. Special Conditions of Contract (Clause 7.0)
4. Submission of Bid Documents (Clause 3.0)
5. Acceptance Form for Participation in Reverse Auction (Annexure VI)
6. General Conditions of Contract (Annexure VIII)

**7 Post Award Contract Administration****7.1. Special Conditions of Contract**

- 7 The Rate Contract (RC) shall be valid for a period of 1 (one) year from the placement of Contract. Release Order (RO) shall be issued as per the requirement of TPNODL/TPSODL. The rate shall be firm and fixed during the validity of the contract.
- 8 The Business Associate (BA) shall submit applicable Performance Bank Guarantee (PBG) as per GCC within 30 days of issuance of purchase order. PBG applicable shall be @ 5% of Rate Contract Value having a validity till warranty period plus one month.
- 9 Any change in statutory taxes, duties and levies during the contract period shall be borne by TPSODL/TPNODL. However, in case of delay in work execution owing to reasons not attributable to TPSODL/TPNODL, any increase in total liability shall be passed on the Bidder, whereas any benefits arising owing to such statutory variation in taxes and duties shall be passed on TPSODL/TPNODL.
- 10 Statutory Variations: Any changes in existing taxes/ Duties and levies, Introduction of new taxes and duties etc. during the period of the contract shall be paid at actuals to BA subject to BA shall submit the tax break up in details, however, where BA has quoted the all-inclusive prices and not shown the tax break-up, this clause will not be applicable. The date of issue of MDCC shall be used for this purpose.
- 11 Quotation in all BOQ items is mandatory, and bid shall be rejected if any line of found blank in price bid.
- 12 Delivery period shall be 60 days from date of receipt of Release Order / CAT-A GTP approval, whichever is later.
- 13 Warranty period: Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this contract for due and intended performance of the same, as an integrated product delivered under this contract. In the event any defect is found by the Purchaser for up to a period of at least.



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14 All the other Terms and Conditions of the General Conditions of the ~Contract shall be applicable to this Tender.

**14.2 Drawing Submission and Approval**

As per SCC, Clause number 7.1.

**14.3 Payment Terms**

As per SCC, Clause number 7.1.

**14.4 Climate Change**

Significant quantities of waste are generated during the execution of project and an integrated approach for effective handling, storage, transportation, and disposal of the same shall be adopted. This would ensure the minimization of environmental and social impact to combat climate change. Please refer to the attached Environment Policy and Sustainability Policy, enclosed for more details.

**14.5 Ethics**

TPCODL/TPSODL/TPNODL/TPWODL is an ethical organization and as a policy TPCODL/TPSODL/TPNODL/TPWODL lays emphasis on ethical practices across its entire domain. Bidder should ensure that they should abide by all the ethical norms and in no form either directly or indirectly be involved in unethical practice.

TPCODL work practices are governed by the Tata Code of Conduct which emphasizes on the following:

- We shall select our suppliers and service providers fairly and transparently.
- We seek to work with suppliers and service providers who can demonstrate that they share similar values. We expect them to adopt ethical standards comparable to our own.
- Our suppliers and service providers shall represent our company only with duly authorized written permission from our company. They are expected to abide by the Code in their interactions with, and on behalf of us, including respecting the confidentiality of information shared with them.
- We shall ensure that any gifts or hospitality received from, or given to, our suppliers or service providers comply with our company's gifts and hospitality policy.
- We respect our obligations on the use of third-party intellectual property and data.

Bidder is advised to refer Tata Code of Conduct (TCOC) attached for more information.

Any ethical concerns with respect to this tender can be reported to the following e-mail ID:

pradip.sil@tpcentralodisha.com

**8 Specification and standards**

As per Annexure II

**9 General Condition of Contract**

Any condition not mentioned above shall be applicable as per the GCC attached along with this tender.

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**Annexure-I, Price Schedule**

Sl. No.	Item description	UoM	TPSODL	TPNODL	Total Quantity
1	33 KV communicable Fault passage Indicator (FPI) O/H	Nos.	900	500	1400
2	11 KV communicable Fault passage Indicator (FPI) O/H	Nos.	1800	1100	2900

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3	DCU for 33 KV communicable (FPI) O/H	Nos.	30	-	30
4	DCU for 11 KV communicable (FPI) O/H	Nos.	60	-	60

**NOTE:**

- Prices shall be firm till the validity of the contract.
- The bids will be evaluated commercially on the Overall-BOQ lowest cost basis.
- The unit price to be entered in column "6" of above table is exclusive of GST.
- The prices mentioned above shall be on F.O.R site/stores basis for all the TPNODL & TPSODL locations.
- Issuance of Release Orders (RO) shall be done by respective discoms as per their requirement.
- The material shall be delivered as per the location captured in the release order.
- The bidders are advised to quote prices strictly in the above format. Failing to do so, bids are liable for rejection.
- The bidder must fill every column of the above format. **Mentioning "extra/inclusive" in any of the columns may lead to rejection of the price bid.**
- No cutting/ overwriting in the prices is permissible.
- The quantity mentioned above is for evaluation purposes only and may vary as per actual site requirement.

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**Annexure-II, Technical Specification**

**(Attached separately with Tender)**

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**ANNEXURE III****Schedule of Deviations**

*Bidders are advised to refrain from taking any deviations on this TENDER. Still in case of any deviations, all such deviations from this tender document shall be set out by the Bidders, Clause by Clause in this schedule and submit the same as a part of the **Technical Bid**.*

*Unless specifically mentioned in this schedule, the tender shall be deemed to confirm the TPCODL/TPWODL/TPNODL/TPSODL's specifications:*

S. No.	Clause No.	Tender Clause Details	Details of deviation with justifications

*By signing this document, we hereby withdraw all the deviations whatsoever taken anywhere in this bid document and comply to all the terms and conditions, technical specifications, scope of work etc. as mentioned in the standard document except those as mentioned above.*

**Seal of the Bidder:**

**Signature:**

**Name:**

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**ANNEXURE IV****Schedule of Commercial Specifications**

*(The bidders shall mandatorily fill in this schedule and enclose it with the offer Part I: Technical Bid. In the absence of all these details, the offer may not be acceptable.)*

S. No.	Particulars	Remarks
1.	Prices firm or subject to variation (If variable indicate the price variation clause with the ceiling if applicable)	Firm / Variable
1a.	If variable price variation on clause given	Yes / No
1b.	Ceiling	----- %
1c.	Inclusive of GST	Yes / No (If Yes, indicate % rate)
1d.	Inclusive of transit insurance	Yes / No
2.	Delivery	Weeks / months
3.	Guarantee clause acceptable	Yes / No
4.	Terms of payment acceptable	Yes / No
5.	Performance Bank Guarantee acceptable	Yes / No
6.	Liquidated damages clause acceptable	Yes / No
7.	Validity (180 days) (From the date of opening of bid)	Yes / No
8.	Inspection during stage of manufacture	Yes / No
9.	Rebate for increased quantity	Yes / No (If Yes, indicate value)
10.	Change in price for reduced quantity	Yes / No (If Yes, indicate value)
11.	Covered under Small Scale and Ancillary Industrial Undertaking Act 1992	Yes / No (If Yes, indicate, SSI Registration No.)

**Seal of the Bidder:****Signature:****Name:**

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**CENTRALIZED CONTRACTS GROUP****NIT No.: TPCODL/CCG/23-24/030****ANNEXURE V****Checklist of all the documents to be submitted with the Bid**

Bidder must mandatorily fill in the checklist mentioned below:

<b>S. No.</b>	<b>Documents attached</b>	<b>Yes / No / Not Applicable</b>
1	EMD of required value	
2	Tender Fee as mentioned in this tender	
3	Signed copy of this tender as an unconditional acceptance	
5	Duly filled schedule of commercial specifications (Annexure IV)	
6	Sheet of commercial/technical deviation if any (Annexure III)	
7	Balance sheet for the last completed three financial years; mandatorily enclosing Profit & loss account statement	
8	Acknowledgement for Testing facilities if available (duly mentioned on bidder letter head)	
9	List of Machine/tools with updated calibration certificates if applicable	
10	Details of order copy (duly mentioned on bidder letter head)	
11	Order copies as a proof of quantity executed	
12	Details of Type Tests if applicable (duly mentioned on bidder letter head)	
13	All the relevant Type test certificates as per relevant IS/IEC (CPRI/ERDA/other certified agency) if applicable	
14	Project/supply Completion certificates	
15	Performance certificates	
16	Client Testimonial/Performance Certificates	
17	Credit rating/solvency certificate	
18	Undertaking regarding non blacklisting (On company letter head)	
19	List of trained/untrained Manpower	

***Seal of the Bidder:******Signature:******Name***

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**ANNEXURE VI****ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT*****(To be signed and stamped by the bidder)***

In a bid to make our entire procurement process more fair and transparent, TPCODL intends to use the reverse auctions as an integral part of the entire tendering process. All the bidders who are found as technically qualified based on the tender requirements shall be eligible to participate in the reverse auction event.

**The following terms and conditions are deemed as accepted by the bidder on participation in the bid event:**

1. TPCODL/TPWODL/TPNODL/TPSODL shall provide the user id and password to the authorized representative of the bidder. *(Authorization Letter in lieu of the same shall be submitted along with the signed and stamped Acceptance Form).*
2. TPCODL/TPWODL/TPNODL/TPSODL will make every effort to make the bid process transparent. However, the award decision by TPCODL/TPWODL/TPNODL/TPSODL would be final and binding on the supplier.
3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of TPCODL/TPWODL/TPNODL/TPSODL, bid process, bid technology, bid documentation, and bid details.
4. The bidder is advised to understand the auto bid process to safeguard themselves against any possibility of non-participation in the auction event.
5. In case of bidding through Internet medium, bidders are further advised to ensure availability of the entire infrastructure as required at their end to participate in the auction event. Inability to bid due to telephone line glitch, internet response issues, software or hardware hangs, power failure or any other reason shall not be the responsibility of TPCODL/TPWODL/TPNODL/TPSODL.
6. In the case of intranet medium, TPCODL/TPWODL/TPNODL/TPSODL shall provide the infrastructure to bidders. Further, TPCODL/TPWODL/TPNODL/TPSODL has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders from submitting the bids to ensure fair & transparent competitive bidding. In case an auction event is restarted, the best bid as already available in the system shall become the start price for the new auction.
7. In case the bidder fails to participate in the auction event due any reason whatsoever, it shall be presumed that the bidder has no further discounts to offer, and the initial bid as submitted by the bidder as a part of the tender shall be considered as the bidder's final no regret offer. Any offline price bids received from a bidder in lieu of non-participation in the auction event shall be outrightly rejected by TPCODL/TPWODL/TPNODL/TPSODL.
8. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
9. The prices as quoted by the bidder during the auction event shall be inclusive of all the applicable taxes, duties and levies and shall be FOR at TPCODL/TPSODL/TPNODL/TPWODL site.
10. The prices submitted by a bidder during the auction event shall be binding on the bidder.
11. No requests for time extension of auction event shall be considered by TPCODL/TPWODL/TPNODL/TPSODL.
12. The original price bids of the bidders shall be reduced on a pro-rata basis against each line item based on the final all-inclusive prices offered during conclusion of the auction event for arriving at Contract amount.

**[Signature & Stamp of Bidder]**



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**ANNEXURE - IX: ENVIRONMENT & SUSTAINABILITY POLICY****CORPORATE ENVIRONMENT POLICY**

**Tata Power is committed to a clean, safe and healthy environment, and we shall operate our facilities in an environmentally sensitive and responsible manner. Our commitment to environmental protection and stewardship will be achieved by:**

- Complying with the requirements and spirit of applicable environmental laws and striving to exceed required levels of compliance wherever feasible
- Ensuring that our employees are trained to acquire the necessary skills to meet environmental standards
- Conserving natural resources by improving efficiency and reducing wastage
- Making business decisions that aim towards sustainable development
- Engaging with stakeholders to create awareness on sustainability

(Praveer Sinha)  
CEO & Managing Director

Date: 15<sup>th</sup> June, 2018

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**ANNEXURE - X:****CORPORATE SUSTAINABILITY POLICY**

At **Tata Power**, our Sustainability Policy integrates economic progress, social responsibility and environmental concerns with the objective of improving quality of life. We believe in integrating our business values and operations to meet the expectations of our customers, employees, partners, investors, communities and public at large

- We will uphold the values of honesty, partnership and fairness in our relationship with stakeholders
- We shall provide and maintain a clean, healthy and safe working environment for employees, customers, partners and the community
- We will strive to consistently enhance our value proposition to the customers and adhere to our promised standards of service delivery
- We will respect the universal declaration of human rights, International Labour Organization's fundamental conventions on core labour standards and operate as an equal opportunities employer
- We shall encourage and support our partners to adopt responsible business policies, Business Ethics and our Code of Conduct Standards
- We will continue to serve our communities:
  - By implementing sustainable Community Development Programmes including through public/private partnerships in and around our area of operations
  - By constantly protecting ecology, maintaining and renewing bio-diversity and wherever necessary conserving and protecting wild life, particularly endangered species
  - By encouraging our employees to serve communities by volunteering and by sharing their skills and expertise
  - By striving to deploy sustainable technologies and processes in all our operations and use scarce natural resources efficiently in our facilities
  - We will also help communities that are affected by natural calamities or untoward incidence, or that are physically challenged in line with the Tata Group's efforts

The management will commit all the necessary resources required to meet the goals of Corporate Sustainability.



(Praveer Sinha)  
CEO & Managing Director

Date: 15<sup>th</sup> June, 2018

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TP Northern Odisha Distribution Limited



TP Southern Odisha Distribution Limited



TP Western Odisha Distribution Limited

### CENTRALIZED CONTRACTS GROUP

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#### ANNEXURE XI

#### Authorization Letter Format

(To be presented by the authorized person at the time of opening of Bid on the letter head of Bidder and should be signed by an Authorized Signatory with Name and Seal of the Company)

Tender No:

Date:

Chief - Central Contracts Group  
Tata Power Odisha DISCOMs  
Plot-29 Anuj Building  
Satya Nagar Bhubaneshwar

Dear Sir

**SUB: Tender for .....**

**Ref: Your Tender No.....; dated .....**

This has reference to your above Tender.

Mr./Miss/Mrs. \_\_\_\_\_ is hereby authorized to attend the bid opening of the above Tender of \_\_\_\_\_ on behalf of our organization.

The specimen signature is attested below:

Specimen Signature of Representative

Signature of Authorizing Authority

Name & Designation of Authorizing Authority

**NOTE: This Authorization letter is to be carried in person at the time of Bid Opening.**

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Technical Specifications:

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### ANNEXURES- 1

## 1.0 Scope

This specification covers the technical requirements of design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading supply at stores of FPI for Overhead Lines with all accessories and necessary training for trouble free & efficient performance. This shall be either with or without communication accessories based on tender requirements.

It is not the intent to specify completely herein all the details of tech design and construction of material. However, the material shall conform in all respects to high standards of engineering, design and workmanship and shall be capable of performing in continuous commercial operation in manner acceptable to the TPCODL/TPNODL/TPSODL/TPWODL, who will interpret the meanings of drawings and specification and shall have the power to reject any work or material which, in his judgment is not in accordance therewith. The offered material shall be complete with all components necessary for their effective and trouble free operation. Such components shall be deemed to be within the scope of Bidder's supply irrespective of whether those are specifically brought out in this specification and/or the commercial order or not.

All necessary mounting fixture in scope of supplier

## 2.0 APPLICABLE STANDARDS

The equipment covered by this specification shall unless otherwise stated, be designed, manufactured and tested in accordance with latest editions of the following Standards /IEC and shall conform to the regulations of local statutory authorities.

IEC 60068-2-2	Electronic Equipment & Product Standards – For Dry Heat
IEC 60068-2-30	Electronic Equipment & Product Standards - Damp heat cyclic Test
IEC 60950	Information Technology equipment - Safety
IEC 61000-2	Electromagnetic compatibility for low-frequency conducted disturbances and signaling in public low power supply systems
IEC 61000-4	EMC - Testing & Measurement
IEC 61000-6	EMC- Immunity for Residential, Commercial and light industrial environments.
IEEE 495-2007	Testing faulted circuit indicator
IEC 60529	Degree of Protection.
IEC 60060-1	High-voltage test techniques – Part 1: General definitions and test requirements
IEC 60068-2-52	Salt mist, cyclic (sodium chloride solution)
IEEE Std 495	IEEE Guide for Testing Faulted Circuit Indicators
IEC 60870-5	Communication protocol.

**Note-** In case of any conflict on any technical particular in the specification, the stricter requirement mentioned in the relevant standard shall be valid.

### 3.0 CLIMATIC CONDITIONS AT THE INSTALLATION

1	Maximum ambient temperature	50 deg C
2	Max. Daily average ambient temp	35 deg C
3	Min Ambient Temperature	0 deg C
4	Maximum Humidity	100%
5	Average Annual Rainfall	150cm
6	Average No. of rainy days per annum	120
7	Altitude above MSL not exceeding	1000m
8	Wind Pressure	300 Km/hr
9	Earthquakes of an intensity in horizontal direction	equivalent to seismic acceleration of 0.3g
10	Earthquakes of an intensity in vertical direction	equivalent to seismic acceleration of 0.15g (g being acceleration due to gravity)

TPCODL/TPNODL/TPSODL/TPWODL service area has heavy saline conditions along the coast and High cyclonic Intensity winds with speed upto 300 Kmph. The atmosphere is generally laden with mild acid and dust in suspension during the dry months and is subjected to fog in cold months.

Note: Climatic Condition will be considered as per respective Discoms TPCODL/TPNODL/TPSODL/TPWODL.

### 4.0 GENERAL TECHNICAL REQUIREMENTS

Sr. No	Parameter Description	Requirement	As offered by Bidder
1	<b>Offered Model no. or type of FPI for Overhead lines along with Make</b>	<b>Bidder to submit followings,</b> <b>a. Make</b> <b>b. Model no./Type</b>	
2	Application	Product shall be suitable for application on overhead lines of different size conductors and ABC	
3	Power	Self- powered for normal functioning without external auxiliary power for FPI	
3	Supply voltage Suitability	Suitable for 7 KV to 33 KV overhead conductors	
4	Power Frequency	<b>50Hz</b>	
5	Ingress Protection of enclosure	<b>IP65 or better</b>	

6	Short – circuit withstand	25kA/170 ms	
7	Suitable diameter of jaw	Suitable for Conductor- Dog, Wolf, Panther, Goat, Zebra	
8	Conformal coating	The relay PCB should have conformal coating	
	<b>Fault Detection Parameters</b>		
9	Current setting Trigger value	100 A to 800 A steps of 100 A and Manually or Automatic Mode- Can be set on site remotely	
10	Transient faults detection feature	This feature can be made On or Off, Manually and Remotely as per application site need.	
11	Minimum fault current impulse filter time	60 to 300ms (To filter inrush current)	
12	Beacon Flash Indication Duration (user settable)	30 min to 720 min in steps of 30 min - Manual and Remote Settable	
13	Inrush transient restraint	2 sec	
	<b>Reset (Permanent Fault)</b>		
14	Auto-reset on restoration on supply	<b>Should auto-reset after 30 seconds delay and within one min of supply restoration.</b>	
15	Pre-set Timer Reset	<b>30 min to 360 min in steps of 30 min - Manual and Remote Settable</b>	
16	Manual Reset (Local and Remote both)	Manual and Remote Resettable	
	<b>Fault indication</b>		
17	Fault Indications	a. Bright Red flash light (LEDs) for permanent faults, b. Preferably Green LED for transient fault with different blinking rate c. Preferably Yellow LED for low battery indication  Bidder to submit the offered equipment details of features for indication of above faults categories.	
18	Light Power	40 Lumens	
19	Visibility Angle	360 Degree	
20	Flash Period for permanent faults	1 flash every 3 sec and/or Red flashing LED	
21	Flash Period for transient faults	2 flash every 12 sec and/ or Green flashing LED	
22	Standard total flash duration	Min. 1000 Hrs under permanent fault operation	
23	Battery low indication	The FPI should have low battery indication Local and remote alert (Bidder to submit details of provision)	
24	Internal Battery of FPI	Lithium Ion rechargeable battery (Shall recharge from line current)	



25	Life of the Battery	More than 10 years	
26	FPI Battery capacity	Bidder to mentioned details of voltage and Ah rating	
27	Operation Temperature	-5 deg. C to +70 deg. C or better	
28	Storage Temperature	-5dec. C to +70 deg. C or better	
29	Suitability for Wind Resistance	For wind pressure 200kg/sq m up to an elevation of 10 mts	
30	Weight of FPI unit	Bidder to submit details of offered product	
31	Size of FPI unit (Dimensions)	Bidder to submit details of offered product	
32	Fixing on line conductor	Should be Easy to fix with hot stick	
33	FPI power up current	FPI should be power up with Minimum 20A line current & battery power shall be used only after fault	
<b>For communicable FPI</b>			
34	Data Transmission/collector Unit package	<p>This package shall include,</p> <ul style="list-style-type: none"> <li>a) Data Collector or Communication unit</li> <li>b) Battery bank,</li> <li>c) Resin cast PT for auxiliary supply.</li> <li>d) 4G Modem/RTU for SCADA communication</li> <li>e) Communication cables and supply cables</li> <li>f) Installation hardware with GI material for all equipment</li> </ul> <p>(Bidder to mention the package details along with Make and model of equipment)</p>	
35	Inbuilt Radio range	100 meter (A short-range radio interface shall be embedded in this Fault Passage Indicator/ Fault Sensing Indicator so that to allow it communicate with the 2G/3G/4G/4G LTE, etc. communication interface)	
36	Communication Unit devise interface	A GSM/GPRS communication interface, pole-mounted, acting as a communication gateway between Fault Passage Indicators using short-range radio and the remote control centre using GSM/GPRS communication. Inbuilt modem shall support all technology i.e. 2G, 3G, 4G & 4G LTE, etc.	
37	The communication unit protocol with server	The communication unit should provide data to SCADA in IEC-60870-5-104 and MQTT over the Ethernet port.	
38	Line Loading data	FPI should transmit real time line loading (phase wise), fault data to ADMS through FPI over IEC-60870-104 and MQTT.	

39	The DCU communication compatibility (if required)	Compatible to send data over 2G/3G/4G/RF modem connected to the Ethernet port of the modem	
40	Data Transmission rate	Data Transmission rate over Ethernet should be 10/100Mbps	
41	Multi master reporting	One DCU (if required)/FPI should report at least 8 master with single CASDU	
42	FPI Data downloading at site	a. Data downloading from FPI to Laptop should be possible over any non-proprietary protocol. b. LAPTOP software to be provided free of cost & should be compatible with windows 10 and latest edition	
43	Self-diagnostic alerts in DCU (if required)	DCU Door open alarm, Battery charger failure, LT Supply failure, Battery low alarm, DCU Malfunction	
44	Communication unit battery back up	Battery (Along with charger) backup of 4 hrs should be provided for automation unit. Aux PT should be Ph-Ph. Aux Supply :VDC 24 or higher	
45	Installation supervision	The bidder shall provide installation supervision	
46	SCADA integration of data.	The scope shall include the data integration up to SCADA.	
47	DCU and Modem	Remote Configuration should be compatible	
48	For Modem (4G)	Provision required for Automatic restart (configurable)	

## 5.0 General construction

1. The Overhead Fault Passage Indicator shall locate the passage of faults on overhead lines. The FPI shall indicate transient faults and permanent faults on the O/H lines. The transient fault detection feature should have disable feature with manual as well as remote settable.
2. The Overhead Fault Passage Indicator shall operate on passing over of the absolute threshold current (user settable).
3. Current peaks, caused by switching on power equipment like transformers etc. can reach the operating point of FPI and may lead to a wrong evaluation, to avoid this, the incoming impulse must be filtered internally.
4. The filtration shall be such that the fault will only be indicated by FPI, if the current impulse lasted longer than the pre adjusted minimum impulse duration.
5. This duration should be internal set as 60ms minimum or/and can be adjustable in range of 60 to 300ms based on equipment in network application.
6. The faults are indicated by all FPI indicators placed on line between the source input side and up to the location of the fault. Such that the fault location shall be between the last flashing FPI and the next non-flashing FPI which is in standby mode.

## 5.1 Trip Current and fault Types

5.1.1 Trip current for the FPIs shall be settable at site.

- 5.1.2 FPIs shall constantly monitor, measure the line current and evaluate the same. In case current exceeds a pre-set value, a fault has to be indicated. Alternatively, there shall also be an "Automatic Mode", in which the FPIs will get adapted to the service current.
- 5.1.3 The FPI shall detect and indicate phase to phase faults. In addition to this, the FPI shall also detect and differentiate between transient, temporary and permanent faults.
- 5.1.4 The FPI shall be equipped to filter out the inrush current due to transformer magnetizing currents thus avoiding the possible false indication of faults.

## 5.2 LED/Indication

- 1. The FPI shall indicate faults by means of bright red LED for permanent faults so that the indication is clearly visible during night times and by means of a red luminous flag, so as to be clearly visible in the bright sunlight during day times.
- 2. Alternately it is preferred that FPI shall have different color light (LEDs) for permanent faults, transient fault and low battery indication.
- 3. Bidders to mention the options provided for various faults and indication purposes.

## 5.3 Reset

- 1. Once the fault is cleared, the FPI shall reset itself upon the power return.
- 2. It shall also have a facility of resetting with settable time duration and manual reset.
- 3. If FPI is busy in flashing on transient fault and if the permanent fault occurs, the FPI shall automatically change the priority and shall start flashing differently to show the permanent fault; thus helping maintenance crew to review the priorities.

## 5.4 Battery

- 5.4.1 The FPIs shall be powered by inductive pickup from the 11kV conductor with a minimum operating current of 20A. During faults, when the system is down, FPIs shall be powered by lithium battery.
- 5.4.2 The lithium battery provided inside the FPI shall be replaceable type, in case of battery failures. The battery shall have a minimum indicating life of 10 years / 1000 hours.
- 5.4.3 Low battery alarm indication shall be provided on local as well as SCADA control station.

## 5.5 Data Transmission Unit (For communicable FPI)

- 5.5.1 The Data Transmission Unit contains Data Transmission Terminal Unit and PT for auxiliary supply. Bidder to mention the offered unit package.
- 5.5.2 The DTU receives the measurement and alarming data from the FPI through high frequency wireless module. The frequency band provided by the bidder shall be license free brand and congestion free. Range of operation of 1 no DTU shall be 3 set (3 nos) of FPIs.
- 5.5.3 The bidder providing more range of operation shall be preferred. After storing and processing the data, it connects with the SCADA server through GSM/4G/GPRS network.
- 5.5.4 IEC 104 communication protocol to be used to transfer data to SCADA. It sends the monitoring data to the server and the control command sent by the server to achieve bidirectional controllable operation.
- 5.5.5 The Data Transmission Terminal Unit shall consist of minimum following:

- a. Main Control board/PCB
- b. High Frequency wireless module
- c. GSM/4G/ GPRS Module
- d. Lead Acid Battery/ Battery arrangement to store power from PT

**5.6 Remote Control Unit features  
(For communicable FPI)**

- 5.6.1 The FPI shall be supplied along with suitable Remote Control Unit, having a LCD display, common for all the Overhead Fault Passage Indicator. The supplier shall supply one number of Remote Control Unit free of charge along with every 9 numbers of FPIs.
- 5.6.2 The FPI shall be equipped with remote Test and Reset features, so that the functionalities including status of battery and flag can be tested without removing the FPI from the line. The Remote Control Unit shall capable of performing the following operations:
- i) Perform Test / Reset operations by standing below the FPIs
  - ii) View settings of various parameters of the FPI like trip current, response time, reset time, temporary fault indication status, transient fault indication status, auto-reclosure support status etc.
  - iii) Set various parameters of the FPI like trip current, response time, reset time, temporary fault indication status, transient fault indication status, auto- reclosure support status etc.
  - iv) Perform battery check and flag check.
  - v) View real-time value of the current flowing though the 11kV line on which a particular FPI is installed. This current shall be indicated in terms of Amps (A).
  - vi) Operating range for the Remote Control Unit shall be minimum 30m radius.
- 5.6.3 The settings for the FPI shall be settable at site, without dismounting the FPI from the line. Following parameters shall be settable at time.
- Trip Current
  - Response Time
  - Reset Time
  - Turn On / Off indication for Transient Faults
  - Turn On / Off auto-reclosure support function

**5.7 GSM/GPRS COMMUNICATION INTERFACE**

Minimum No of TCP/IP Eather Port	3 (Among them one must be engineering port)
Data Transmission Rate of TCP/IP Eathernet Port	10/100Mbps.
Communication	Controller must have at least one TCP/IP Ethernet port to for communication with master station over IEC-60870-5-104 & MQTT. No external protocol converter will be accepted.
Master station communication protocol	Support IEC -60870-5-104/MQTT for communicating with master station. Preferably support FTP protocol to transfer disturbance recorder to remote

	server. Simultaneously communication facility to field engineer for faster local restoration
DATA Reporting	Device should support periodic data reporting configurable from 2 second to 1 hr interval and spontaneous data as well
	Digital data should have higher priority than analog data. The dead band for reporting analog data by exception shall be initially set to 1 % (in 1%) of full scale value.
Multi-Master reporting	8 master with single CASDU
CPU Processing Speed	32 bit ARM Core CPU operating @ minimum 450 MHz
RAM	64 MB
Modem	GPRS (2G/3/4G)/RF Modem to be connected in one Ethernet port for SCADA communication.  Preferred modem make ARG-600 (ABB-2G/3G/4G LTE)
Controller	Must have External DI contact (to capture ON/OFF Status.) & DO for controls
Cyber Security	User level authentication, Disabling the DNS, Disabling/enabling/configurable TCP/UDP port,
Protection Features	PT Failure, Charger Failure, Battery Failure/Door lock alarm integrated to Controller
Minimum Event Storage Capacity	
Measurement Event	10000
System Event	1000
Alarm Event	1000
Normal Event	5000

Detailed hardware requirement and architecture will be decided at the time of detailed engineering phase prior to implementation.

**5.8 SINGLE PHASE POTENTIAL TRANSFORMER SUPPLY KIT (PT)**

1. This kit shall be composed of a PT and rechargeable battery. It shall be provided with a cable of minimum length 3m for connection to the GSM/GPRS communication interface installed on the same pole.
2. The mounting bracket for PT also need to be provided which shall be suitable for trapezoidal shaped RCC poles.

**5.9 MEASUREMENTS**

- 5.9.1 Event time-stamping, any change of state of information shall generate a time-stamped event stored in the GSM/GPRS interface memory.
- 5.9.2 The event storage capacity shall be at least 100 events.
- 5.9.3 Short-range radio- Short range radio shall use license-free radio frequency. It shall be designed so that to allow a maximum distance between GSM/GPRS interface and the Fault Passage Indicators equal to 100m or more.

**5.10 COMMUNICATION WITH THE CONTROL CENTRE**

- 1. Communication between the GSM/GPRS interface and the control centre shall be through GSM/GPRS network, dual-band 900 MHz – 1800 MHz, and using any standard protocol.
- 2. It shall allow communication in 2 ways:
  - At any time, based on configured periodic calls or on operator action, the GSM/4G/ GPRS interface shall be ready to receive a call from the control centre.
  - Whenever a monitored information declared as alarming in the GSM/4G/GPRS interface configuration changes status, the GSM/4G/GPRS interface shall make a call to the control centre and send it an alarm.
- 3. Each monitored information (fault current detection, voltage absence/presence, digital inputs etc...) shall be configurable as "alarming" when changing state, individually and independently of others.

**CONFIGURATION AND MAINTENANCE**

- 5.11 Equipment configuration and diagnostic shall be performed by connection of a laptop PC to the GSM/GPRS interface using the PC RS232 interface.

**6.0 NAME PLATE & MARKING: -**

The relay shall be provided with durable and legible nameplate sticker containing all parameters. The box of relay shall be provided with legible name plate sticker on box with minimum following information:

Manufacturer name & address,  
 Model No.  
 PO number & date  
 'Property of TPCODL/TPNODL/TPSODL/TPWODL '

The FPI shall be provided with durable and legible nameplate sticker containing all technical parameters.

Manufacturer's Name/Logo  
 Manufacturing year (YYYY)  
 Type/Model

The other material shall have details of PO and Property of TPCODL/TPNODL/TPSODL/TPWODL mention on the box or equipment as per suitability.

**7.0 TESTS**

All the Routine and acceptance tests shall be carried out in accordance with the relevant IS/IEC standards. All acceptance tests shall be witnessed by the purchaser/his authorized representative. All the components within the relay enclosure shall have to be tested for Routine/acceptance and Type tests as per the relevant

standards. All Type tests as per latest IS / IEC shall have been carried out on relay as a whole as per relevant IS/IEC. Following tests shall be necessarily conducted on the equipment and its components.

**Note-** *In case of any conflict on any technical particular in the specification, the stricter requirement mentioned in the relevant standard shall be valid..*

**7.1 TYPE TESTS**

A) For FPI line unit:

Sr. no.	Test	Standard
1	HV voltage withstand test	IEC60060-1
2	Impulse Test	IEC60060-1
3	Power Frequency Magnetic Field Immunity	IEC 61000-4-8
4	Dry Heat Test	IEC 60068-2-2
5	Damp Heat Cyclic Test (With moisture at Upper temp 550C)	IEC 60068-2-30
6	EFT (Electrical Fast Transient) Immunity	IEC 61000-4-4
7	Surge Immunity Test	IEC 61000-4-5
8	Ingress Protection	IEC 60529
9	Salt mist, cyclic (sodium chloride solution) test	IEC 60068-2-52
10	Short Circuit Withstand test	IEEE 495 and IEC 62271-1

B) Other Accessories involved for communicable FPI shall have to be tested as per relevant IEC/IS and reports to be submitted along with Bid,

- a) Modem – OEM Type Test reports
- b) PT – OEM Type Test report
- c) Controller/data collector – OEM Type Test report

PT Type tests should be from CPRI/ERDA .Type Test validity as per CEA guidelines

- a) Lightning Impulse Test
- b) Power Frequency Withstand Test

**7.2 ROUTINE TESTS**

Following routine tests are to be done on 100% of the lot quantity

1. Visual Inspection.
2. Electric strength or AC voltage test
3. Dimensional & Visual Checks
4. Functional Test



**7.3 ACCEPTANCE TESTS**

A. FPI : Following test shall be conducted at factory acceptance of in presence of our inspectors.

Sr. No.	Test	Method	Requirement
1	Insulation Resistance Test	IEC 60950-1	Withstand & value >100MOhm
2	Electric Strength (2kV)	IEC 60950-1,	Withstand without any damage/flash.
3	Visual Checks	As per specs and approved documents.	Should meet requirements
4	Functional Test	As per approved documents and specification requirements	Should meet requirements

B. Other Accessories involved for communicable FPI shall have to be tested as per relevant IEC/IS and reports to be submitted along with Bid,

- a) Modem – OEM Type Test reports
- b) PT – OEM Type Test report
- c) Controller/data collector – OEM Type Test report

**8.0 TYPE TEST CERTIFICATE**

The Bidder shall furnish the type test certificates of the relay of same model 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 any other International Laboratory as per the relevant standards of IS and IEC. Type tests shall have been conducted in certified Test laboratories during the period not exceeding 5 years from the date of 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 TPCODL/TPNODL/TPSODL/TPWODL .

Bids without all type test reports shall stand disqualified.

**9.0 PRE-DISPATCH INSPECTION**

Equipment shall be subject to inspection by a duly authorized representative of the TPCODL/TPNODL/TPSODL/TPWODL . Inspection may be made at any stage of manufacture at the option of the purchaser and the equipment if found unsatisfactory as to workmanship or material is liable to rejection. Supplier shall grant free access to the places of manufacture to TPCODL/TPNODL/TPSODL/TPWODL’s representatives at all times when the work is in progress. Inspection by the TPCODL/TPNODL/TPSODL/TPWODL or it’s authorized representatives shall not relieve the supplier of his obligation of furnishing equipment in accordance with the specifications.



Material shall be dispatched after specific MDCC (Material Dispatch Clearance Certificate) is issued by TPCODL/TPNODL/TPSODL/TPWODL . Following documents shall be sent along with material

- a) Routine Test reports
- b) MDCC issued by TPCODL/TPNODL/TPSODL/TPWODL
- c) Invoice in duplicate
- d) Packing list
- e) Drawings
- f) Delivery Challen
- g) Installation and maintenance Manual soft copy
- h) Other Documents (as applicable)

#### 10.0 INSPECTION AFTER RECEIPT AT STORE

The material received at TPCODL/TPNODL/TPSODL/TPWODL Store will be inspected for acceptance and shall be liable for rejection if found different from the reports of the pre-dispatch inspection.

If any deviation or anomaly observed at this stage same need to be rectified by bidder at bidders own cost at earliest.

#### 11.0 GUARANTEE

1. Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this contract for due and intended performance of the same, as an integrated product delivered under this contract. In the event any defect is found by the Purchaser up to a period of at least 60 months from the date of commissioning or 66 months from the date of last supplies made under the contract whichever is earlier, Bidder shall be liable to undertake to replace/rectify such defects at its own costs, within mutually agreed time frame, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the " Security cum Performance Deposit" as the case may be.
2. 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 Purchaser. Kindly add service . i.e bidder should report at site within 48 hr of complaint register.

#### 12. PACKING

Bidder shall ensure that all equipment covered by this specification shall be prepared for rail/road transport (local equipment) and be packed in such a manner as to protect it from damage in transit. The packing should be in such manner that during storage of relay and its components should not be damaged. **No single use plastic to be used in packing material. Packing should be done with environment friendly recyclable materials.**

#### 13.0 TENDER SAMPLE

Bidders to submit one sample of FPI at TPCODL/TPNODL/TPSODL/TPWODL for verification of all desired features.

For communicable FPI- Bidders to provide all required equipment and demo of one communicable FPI unit data communication and integration testing and only successful bidder shall be qualified for further processing.

Commissioning of one unit of FPI in case of new vendor to be done.

**14. TRAINING**

The bidder shall arrange to provide the operating training at TPCODL/TPNODL/TPSODL/TPWODL offices as and when required for better installation and usage of the product.

**15.0 QUALITY CONTROL**

The bidder shall submit with the offer, assurance plan indicating the various stages of inspection, the tests and checks which will be carried out on the material of construction, components during manufacture and after finishing, bought out items and fully assembled component and equipment including drives. As part of the plan, a schedule for stage and final inspection within the parameters of the delivery schedule shall be furnished. The Purchaser's or its nominated representative engineer shall have free access to the manufacturer/sub-supplier's works to carry out inspections.

To ensure proper functioning of relay the bidder shall provide onsite training of TPCODL/TPNODL/TPSODL/TPWODL teams as and when required. To ensure quality of installations bidder shall provide supervision support during impartation.

**16.0 TESTING FACILITIES**

Bidder shall have adequate in-house testing facilities for carrying out all routine tests, acceptance tests and special test as per this document and accordance to relevant International / Indian standards as mentioned.

**17.0 MANUFACTURING ACTIVITIES**

1. The successful bidder will have to submit (after placement of RC) technical compliance document and drawing of cable as per RC line items for getting approval before mass manufacturing.
2. Manufacturing mass quantity to start only after getting CAT-A approved drawings or as per intimation from TPCODL/TPNODL/TPSODL/TPWODL.

**18.0 SPARES, ACCESSORIES**

The communication cable to be provided as spare for data downloading from controller on LAPTOP.

**19.0 DRAWINGS & DOCUMENTS**

Following drawings and documents shall be prepared based on TPCODL/TPNODL/TPSODL/TPWODL specifications and statutory requirements and shall be submitted with the bid:

- a) Completely filled in Technical compliance document for all clauses
- b) Any deviation sheet or No deviation
- c) General description of the equipment and all components including brochures.
- d) Experience List
- e) All set of Type test certificates & detailed reports
- f) Mounting drawing of PT & DCU unit at the time of evaluation.

**Drawings / documents to be submitted for approval after the award of the contract are as under:**

- a) Completely filled in Technical compliance document for all clauses
- b) General Arrangement drawing
- c) Type test reports if any pending.

All the documents & drawings shall be in English language.

After the receipt of the order, the successful bidder will be required to furnish all detailed drawings of components for TPCODL/TPNODL/TPSODL/TPWODL approval.

Instruction Manuals: Bidder shall furnish softcopies and one hard copy manuals of Relay (In English language) covering erection and maintenance instructions and all relevant information and drawings pertaining to relay.

**20.0 GENERAL TECHNICAL PARTICULARS**

Bidder to submit compliance to all above clauses and sub-clauses and shall furnish all desired details as technical compliance document.

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**SCHEDULE OF DEVIATIONS**

**(TO BE ENCLOSED WITH TECHNICAL BID)**

All deviations from this specification shall be set out by the Bidders, clause by Clause in this schedule. Unless specifically mentioned in this Schedule, the tender shall be deemed to confirm the purchaser's specifications:

S.No.	Clause No.	Details of deviation with justifications

We confirm that there are no deviations apart from those detailed above.

**Seal of the Company:**  
**Designation**  
**Signature**

**Annexure-1 - Inspection & Quality Test Plan**

Sr. No.	Test	Method	Requirement

1	Insulation Resistance Test	IEC 60950-1, IEC 60255-27	Withstand & value >100MOhm
2	Electric Strength (2kV)	IEC 60950-1, IEC 60255-27	Withstand without any damage/flash.
3	Visual Checks	As per specs and approved documents.	Should meet requirements
4	Functional Test	As per approved documents and specification requirements	Should meet requirements
5	Other parts of package of communicable FPI	a)Modem – OEM Test reports b)PT– OEM Test report c)Controller/data collector – OEM Test report	As per relevant standards and approved drawings and technical parameters

**TPCODL**

TP Central Odisha Distribution Limited

**TPNODL**

TP Northern Odisha Distribution Limited

**TPSODL**

TP Southern Odisha Distribution Limited

**TPWODL**

TP Western Odisha Distribution Limited

**CENTRALIZED CONTRACTS GROUP**

**For Reference- User Manual e-Bidding &**  
**Auction (Ariba)**

CONFIDENTIAL



**SUPPLIER MANUAL ANSWERING  
TO  
E-BIDDING**

	<b>Version 1.2</b>
Company Confidential	DEC - 2020

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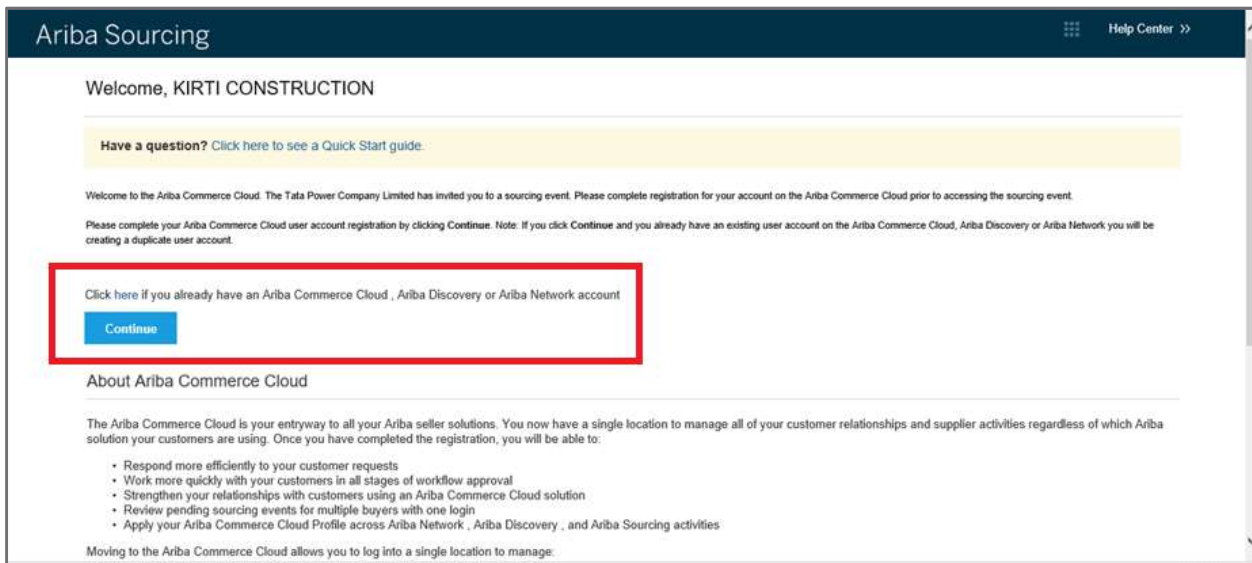
## 1- Accessing Ariba Sourcing

**Step 1:** You will get an invitation to your email from Ariba System. Keep this email, it contains your login Information and a direct link to Ariba.

**Step 2:** Click "Click Here" to access the Ariba Web Site.



**Step 3:** Supplier has to click on "Continue"



**Step 4:** The registration process only takes a few moments, with a simple one-page registration Define your password and secret question. Click "OK"

\* Indicates a required field

Company Name: KIRTI CONSTRUCTION

Country: India [IND]

Address: Yashodeep E3- 08  
Sector 22 Koperkharne Navi Mumbai  
400709

City: mumbai

State: maharashtra

Postal Code: 400709

Product and Service Categories: Enter Product and Service Categories [Add](#) -or- Browse

Ship-to or Service Locations: Enter Ship-to or Service Location [Add](#) -or- Browse

Tax ID: Optional Enter your Company Tax ID number.

DUNS Number: Optional Enter the nine-digit number issued by Dun & Bradstreet.

**Supplier has to fill the form**



**Step 5:** If it's the first time you are invited to use UPM Ariba, you'll need to accept the "Participant Terms". Select "I accept the terms of this agreement". Click "Submit".

The screenshot shows a registration form with the following elements:

- A password field with masked characters (\*\*\*\*\*).
- A "Secret Question" dropdown menu with the text "In what city was your mother born?". A note to the right states: "The answer to your secret question must be atleast 5 characters."
- Two more masked password fields (\*\*\*\*\*).
- A "Language" dropdown menu set to "English". A note to the right states: "The language used when Ariba sends you configurable notifications. This is different than your web b...".
- A paragraph of text explaining the company profile and data consent.
- A checkbox labeled "I have read and agree to the Terms of Use and the Ariba Privacy Statement", which is checked and highlighted with a red box.
- "Submit" and "Cancel" buttons at the bottom right.

## 2 Vendor Screen - Submitting Your Answers / Proposal

2.1.1 If vendor goes through mail invitation then directly Screen 3.1.1 will appear, but if If you have used Ariba before and have already accessed an event for the buyer-specific account with your current log in ID, click the **Login** button to continue. Log in with your Ariba username and password in order to participate in the event OR you have to follow the following steps.

Step 1 - Log on [supplier.ariba.com](https://supplier.ariba.com)

Step 2 - Put your USER ID and Password in following screen

The screenshot shows the "Supplier Login" page for SAP Ariba Proposals. The page features:

- Logo for SAP Ariba Proposals, Powered by Ariba Sourcing.
- Navigation icons for Home, My Profile, My Account, My Alerts, My Messages, My Settings, and Help Center.
- Large heading "Supplier Login".
- Input fields for "User Name" and "Password".
- A blue "Login" button.
- A link for "Forgot Username or Password".
- A link for "Need help? See Quick Start".
- A background image of a laptop displaying a dashboard with charts and data.

Step 3 - Go to "Ariba Proposals & Questionnaire".

The screenshot shows the Ariba Sourcing dashboard. On the left, a navigation menu is open, highlighting "Ariba Proposals and Questionnaire". A blue callout bubble points to this menu item with the text: "Goto 'Ariba Proposals & Questionnaire' after logging in at supplier.ariba.com". The main content area displays the Tata Power logo and a list of events. A second blue callout bubble points to the "Events" section with the text: "Events (Tender enquiries) in which Bidder has participated shall be visible. Click and enter into any specific event".

Title	ID	End Time	Event Type
Status: Open (2)			
Maintenance of HT and LT Networks for Tata Power Distribution at Odisha (TPC-ENGG-ENQ-016-20-21)	Doc2416130949	6/4/2020 4:55 PM	RFP
Tender Documents-Meter Reading Cum Spot billing and Bill Distribution(TPC-ENGG-ENQ-015-20-21)	Doc2420255101	6/4/2020 3:00 PM	RFP

The screenshot shows the "Event Details" page for Doc2420255101 - Tender Documents-Meter Reading Cum Spot bill... The page includes a "Checklist" on the left with steps: 1. Review Event Details, 2. Review and Accept Prerequisites, 3. Submit Response. A central yellow banner contains prerequisite information. Below this, there are buttons for "Download Content", "Review Prerequisites", "Decline to Respond", and "Print Event Information". A blue callout bubble points to the "Review Prerequisites" button with the text: "Click on 'Review Prerequisites'". The "Tender Documents" section is partially visible, showing an introduction.

**Review Prerequisites**

Review and respond to the prerequisites. Prerequisite questions must be answered before you can view event content or participate in the event. Some prerequisites may require the owner of the event to review and accept your responses before you can continue with the event. If you decline the terms of the prerequisites, you cannot view the event content or participate in this event.

Download Content | **Review Prerequisites** | Decline to Respond | Print Event Information

1. Review Event Details  
2. Review and Accept Prerequisites  
3. Submit Response

**Tender Documents**

1.1 Introduction

1.1.1 Introduction

As per the Notice Inviting Tender dated 12th May 2020, Bidders are to download Tender from Tata Power website (Tenders section). Same Tender documents are attached in this E-tender enquiry for reference purpose.

As mentioned in the Procedure for participating in tender (which is enclosed with the tender documents), this e-Tender enquiry is being issued to the bidders who have purchased the tender documents following instructions therein.

All future/further communications wrt the subject tender and Bid submission shall be through this e-Enquiry only. Following is to be noted,

Next Section: Techno Commercial Bid

Tata Power - Ariba Spend Manag... x +

s1.ariba.com/Sourcing/Main/aw7a...

Prerequisites must be completed prior to participation in the event.

▼ Checklist

1. Review Event Details
2. Review and Accept Prerequisites
3. Submit Response

In consideration of the opportunity to participate in on-line events ('On-Line Events') held and conducted by the company sponsoring this On-Line Event ('Sponsor') on the web site (this 'Site') hosted by Ariba, Inc. ('Site Owner'), your company ('Participant' or 'You') agrees to the following terms and conditions ('Bidder Agreement');

1. **Bids.** If you are invited to participate in the On-Line Event, Sponsor reserves the right to amend, modify or withdraw this On-Line Event. Sponsor reserves the right to accept or reject all or part of your proposal. Submission of a bid does not create a contract or any expectation by Participant of a future business relationship. Rather, by submitting a bid, you are making a firm offer which Sponsor may accept to form a contract, subject to section 2 below. Sponsor is not liable for any costs incurred by Participant in the preparation, presentation, or any other aspect of Participant's bid.
2. **Price Quotes.** Except to the extent Sponsor allows a non-binding bid, all Bids which Participant submits through the On-Line Events are legally valid quotations without qualification, except for data entry errors.
3. **Procedures and Rules.** Participant further agrees to be bound by the procedures and rules established by the Site and Sponsor.
4. **Confidentiality.** Participant shall keep all user names and passwords, the On-Line Event content, other confidential materials provided by the Site and/or Sponsor, and all bids provided by You or another participating organization in confidence and shall not disclose the foregoing to any third party.
5. **Bids through Site only.** Participant agrees to submit bids only through the on-line bidding mechanism supplied by the Site and not to submit bids via any other mechanism including, but not limited to, post, courier, fax, E-mail, or orally unless specifically requested by Sponsor.
6. **Ethical Conduct.** All parties will prohibit unethical behavior and are expected to notify the Site Owner by contacting the appropriate project team if they witness practices that are counter-productive to the fair operation of the On-Line Event. If Participant experiences any difficulties during a live On-Line Event, Participant must notify Site Owner immediately.
7. **Survival.** The terms and conditions of this Bidder Agreement shall survive completion of the On-Line Event.

\*\*\*\*  
BA v1.1 19Aug05

I accept the terms of this agreement.

I do not accept the terms of this agreement.

Accept the Terms of Agreement and Submit

Tata Power - Ariba Spend Manag... x +

s1.ariba.com/Sourcing/Main/aw7a...

Console Doc2420255101 - Tender Documents-Meter Reading Cum Spot bill... 8 days 03:33:47

Event Messages  
Response History  
Response Team

▼ Checklist

1. Review Event Details
2. Review and Accept Prerequisites
3. Submit Response

▼ Event Contents

All Content

1 Tender Documents

2 Techno Commercial Bid

3 Price Bid

All Content

Name 1

2.1 Please attach the Techno-Commercial bid

2.2 Please attach your techno commercial offer (Extra File)

▼ 3 Price Bid

3.1 Bidder to specify the prices either in terms of percentage ( % ) or Value where the options are available for both percentage ( % ) , please Specify Zero ( 0 ) in the amount field and vice-versa.

3.2 Bidders to download editable copy of Price bid format (Which...), fill in the same with, and re-attach the same after filling in prices as their Price Bid. No Alterations/changes shall be made by the bidders in this format.

References

(\*) indicates a required field

Submit Entire Response Update Totals Page Excel Import

Price Bid to be attached in Tab 3.2. Attach file link is towards extreme right, and is shown in next slide

Technical Bid to be attached in Tab 2.1 and 2.2. Attach file link is towards extreme right, and is shown in next slide

Devendra Sharma (desharma@gmail.com) last visited 26 May 2020 10:55:18 PM. Horizons Cybersoft Ltd AN01523824134 © 1996-2019 Ariba, Inc. All rights reserved. SAP Ariba Privacy Statement Security Disclosure Terms of Use

These are "Attach File" links for Tab 2.1 and 2.2 where Technical bid is to be attached. Pls attach files in BOTH these tabs otherwise it will show error on submission.

Terms of percentage ( % ) or Value where the options are available for both. In case price is specified in 0 in the amount field and vice-versa.

This is "Attach File" link for Tab 3.2 (Price Bid).

Click On "Submit Entire Response" AFTER Attaching technical and Price bids as above.

Note: In case of multiple files, all files can be kept in one folder and folder can be converted to zip file for attaching

### 3 Communicating with Tata Power Buyer during e- bidding

**Step 1:** Click "Compose Message".

**Step 2:** Compose Your Message and click "Send".

back to The Tata Power Company Limited-TEST Dashboard Desktop File Sync Notifications

Compose New Message

From: shingare.manufacturers (Ravi Shingare)  
 To: Project Team  
 Subject: Dec681345837 - sourcing project 001  
 Attachments: Attach a file

Deer Sir,  
 Can we submit the price ??  
 Regards  
 ABC



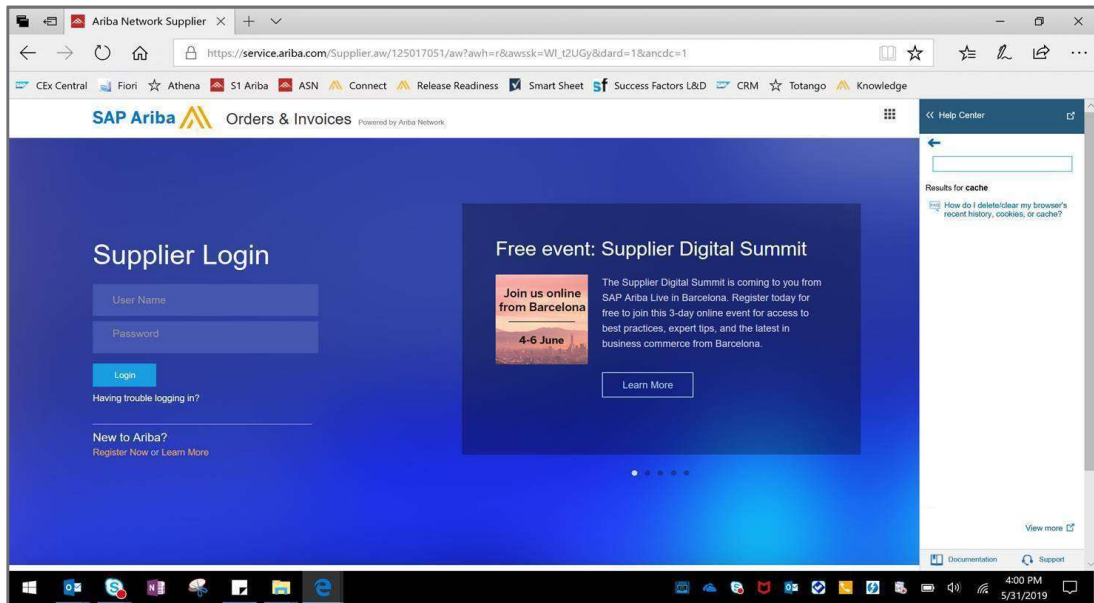
## 

[Participating in a RFI or RFP on Ariba Network - https://www.youtube.com/watch?v=9\\_XXUaVyI7o](https://www.youtube.com/watch?v=9_XXUaVyI7o)

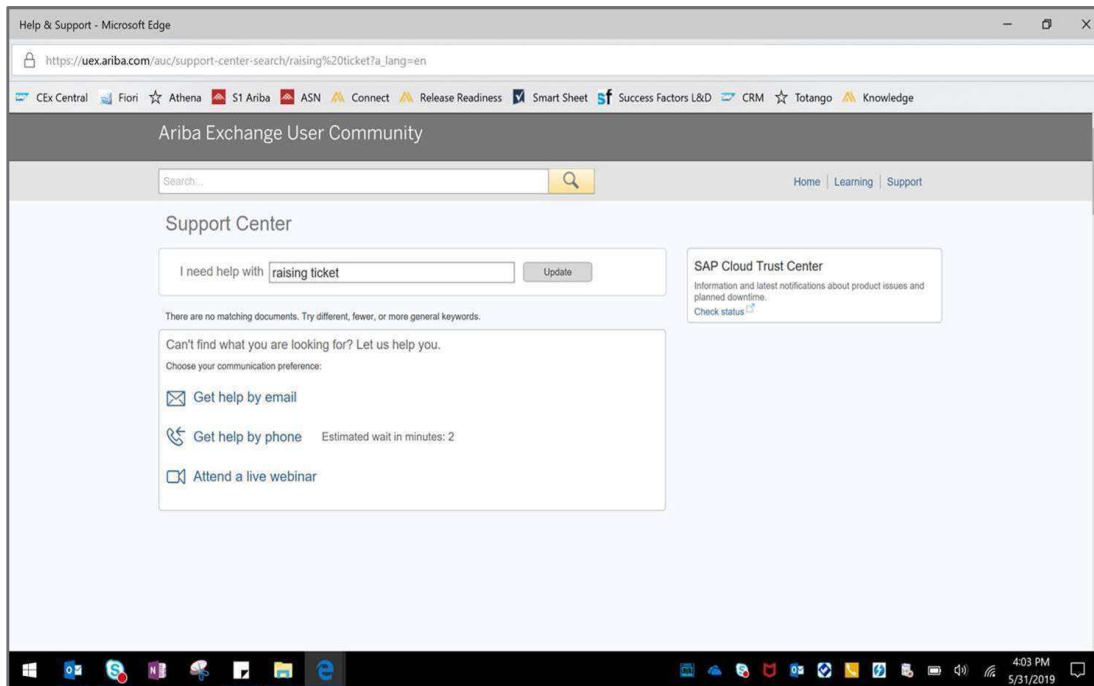
## 

Here are the steps that Suppliers can follow for raising a ticket or requesting a call back from Support team. They can do so without logging in – pls follow the brief instructions given below.

1. Go to login page>Choose “Support” on the bottom right corner



2. Add query and press “Start” – After that, following screen will pop up where you can choose either Get Help by Email or Get Help by Phone.





Click **Add Ship-to or Service Locations** to select one or more sales territories from a list. You can add, refine, or remove ship-to or service locations any time after the registration process.

Additional Information: - D-U-N-S is a registered trademark of Dun & Bradstreet or its subsidiaries in the United States and other countries.

 **What is the difference between the Email and Username fields in my profile?**

**Answer:** - The Email field represents the email address where you wish to receive email notifications. The Username field is the identifier that you use to access your account. The Username field must be in email format, but you do not have to use a valid email address.

**Note:** Leave the **This is my username** box checked if you want your email address to be the same as your username.

 **How do I participate in my buyer's event using an email invitation?**

**Answer:** - Use the **Click here** link in the email notification to access the sourcing event.

While buyers might customize the email content you receive, all email invitations contain a link to access the event.

Depending on your previous experience with Ariba solutions, do one of the following to access the event after you click the link:

- If you are new user, click **Continue** on the welcome page. You continue to register an Ariba account to link with your buyer and participate in the event.
- If you have used Ariba before and have already accessed an event for the buyer-specific account with your current log in ID, click the **Login** button to continue. Log in with your Ariba username and password in order to participate in the event.
- If you already have an existing Ariba Network, Ariba Discovery, or Ariba Sourcing supplier account, but you have not accessed any events for the inviting buyer's site, use the **Click here if you already have an Ariba Commerce Cloud, Ariba Discovery or Ariba Network account** link. After clicking the link, log in with your existing account to move your information to your buyer's site.

Additional Information:- Registering an Ariba account provides you with a consolidated view of all your customer relationships. With this one profile, you can view business opportunities, participate in sourcing events, participate in contract negotiations, and manage orders, catalogs, and invoices.

 **Why doesn't the link in the email invitation to participate in a sourcing event work?**

**Answer:**-If you cannot click the link, or the link does not open the log in page, highlight and copy the Uniform Resource Locator (URL), and then paste the URL into your web browser.

 **Can my company have multiple accounts?**

**Answer:**-Your Company can have multiple Ariba accounts, depending on your business needs. For example, if your company has several locations around the world, you might want a separate account for each region.

Most companies choose to have one account with multiple customer relationships, which provides a centralized location to maintain their company profile information and all of their customer relationships.

#### **How do I complete registration if my username already exists?**

**Answer:** - This message means that you already have an Ariba Network, Ariba Discovery, or Ariba Sourcing supplier account registered under username you entered. You can either register a new account by creating a new username, or access one of the following sites to request a password reset for the registered username:

- [Ariba Network](#) (This login page is used for all Ariba Network, Ariba Sourcing, or Ariba Contracts suppliers).
- [Ariba Discovery login page](#)

To reset your password, click the **Having trouble logging in?** Link on the Login page.

#### **Nothing happens when I click Forgot Username and enter my email address**

**Issue:** - Nothing happens when I click the **Forgot Username** link and enter my email address.

**Cause:** - After you submit your request to retrieve your username, the Ariba Network sends an email notification with usernames that match the email address you submitted.

Some possible reasons why you may not receive this username retrieval email notification:

- The email address on your account does not match the email address you entered when submitting the request.
- Your buyer-specific account was deactivated before you could move it to the Ariba Commerce Cloud. Generally, that means you probably have not participated in an event with that buyer for a while.

#### **Solution:** -

- To ensure you receive this email notification:
- Make sure you type the email address configured within your account.

If your buyer-specific account has been deactivated, contact your buyer to determine how to proceed.

#### **Where is my password reset email?**

**Answer:** - After you submit your request for a password reset, Ariba sends instructions to the email address associated with your account. If you didn't receive a password reset email, check the following scenarios to troubleshoot.

---

The username you entered is in the wrong format, or it isn't associated with the email address you are checking.

- Keep in mind, your username is in the format of a full email address, but it can be associated with any email address you entered previously.
- Your username is also case-sensitive.
- To confirm that you are using the correct username and format, return to the Ariba login page, and click the **Having trouble logging in?** link (**Forgot Username** if you're working in Ariba Discovery).
  - Choose **I forgot my username**, and click **Continue**.
  - Enter the email address associated with your account, and click **Submit**.



- You will receive an email that lists the exact format of the username associated with the email you entered.

---

You entered the correct username, but you still didn't receive the password reset email notification.

- This can occur if the configured email address is different from the account you are checking.
- You might have multiple accounts for your company, so make sure you are attempting to access the correct account.

Your email configuration or company's security settings might also prevent you from receiving the password reset email. To find out, check your junk mail folder or email filter settings to verify that automated emails from Ariba are not blocked from your email account.

 **Why do I get this message on the SAP Ariba Login page: "The username and password pair you entered was not found"?**

**Answer: -** You entered an incorrect **Username** or **Password**. You might receive this message if you entered a previous **Username** or **Password**. Remember that your **Username** has the format of an email address, and both the **Username** and **Password** are case sensitive.

Click the **Having trouble logging in?** Link on the Login page if you don't remember your log in information.