



NIT No.: TPCODL/P&S/2025-26/1000008583

**Procedure to Participate in Tender**

**Tender Enquiry No- TPCODL/P&S/2025-26/1000008583**

<b>Tender Enquiry No.</b>	<b>Work Description</b>	<b>EMD* (Rs.)</b>	<b>Tender Fee** (Rs.)</b>	<b>Last Date for payment of Tender Fee</b>
TPCODL/P&S/2025-26/1000008583	Rate Contract for SITC of 20 kW Solar PV Micro Grid at TPCODL under Build - Own -Operate - Transfer (BOOT) Model for a period of 5 Years	Rs. 50,000	5,000	17.03.2026

\* EMD is exempted for MSME Bidders registered in the State of Odisha. However, MSME 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. MSME BAs needs to submit Bid Security Declaration.

\*\* MSMEs registered in the State of Odisha shall pay tender fee of Rs. 1,000/- including GST.

**Please note that corresponding details mentioned in this document will supersede any other details mentioned anywhere else in the Tender Document.**

**Procedure to Participate in Tender.**

Following steps are to be followed before “Last date for Payment of Tender Fee”:

1. Eligible and Interested Bidders to submit duly signed and stamped letter on Bidder's letter head indicating
  - a. Tender Enquiry number
  - b. Name of authorized person
  - c. Contact number
  - d. E-mail id
  - e. Details of submission of Tender Fee
  - f. GST Registration No
  - g. Details of submission of Tender Fee
  - h. MSME Certificate, wherever applicable
  - i. Details of Bank Account for refund of EMD
  - j. Postal Address for refund of EMD
2. Non-Refundable Tender Fee, as indicated in table above, to be submitted in the form of Direct Deposit in the following bank account and submit the receipt along with a covering letter clearly indicating the Tender Reference/ Enquiry Number –

Beneficiary Name: TP Central Odisha Distribution Ltd.  
Bank Name: STATE BANK OF INDIA  
Branch Name: IDCO Towers, Bhubaneswar  
Address: P.O. - Sahidnagar, Janapath, Bhubaneswar.  
Branch Code: 7891  
Account No: 10835304915  
IFSC Code: SBIN0007891



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E-mail with necessary attachment of 1 and 2 above to be sent to [arijeet.choudhury@tpcentralodisha.com](mailto:arijeet.choudhury@tpcentralodisha.com) , and [asish.Karmakar@tpcentralodisha.com](mailto:asish.Karmakar@tpcentralodisha.com) before last date and time for payment of Tender Fee.

Interested bidders to submit Tender Fee and Authorization Letter before Last date and time as indicated above, after which link from TPCODL E-Tender system (Ariba) will be shared for further communication and bid submission.

Please note that all future correspondence regarding the tender, bid submission, due date extension, Pre-bid query, etc. will take place through TPCODL E-Tender system (Ariba) only. User manual to guide the bidders to submit the bid through E-Tender system (Ariba) is enclosed.

All communication shall be held only with the bidders who have carried out the above steps to participate in the Tender.

It is to be noted that once date of “Last date and time for Payment of Tender Participation Fee” is lapsed, no Bidder will be sent link from TPCODL E-Tender System (Ariba). Without this link, bidder will not be able to participate in the tender. Any last moment request to participate in tender will not be considered.

Further, all future corrigendum to the said tender will be uploaded in the Tender section on website <https://www.tpcentralodisha.com>.



NIT No.: TPCODL/P&S/2025-26/1000008583

## **OPEN TENDER NOTIFICATION**

**FOR**

**RATE CONTRACT FOR SITC OF 20 KW SOLAR PV  
MICRO GRID AT TPCODL UNDER BUILD-OWN-  
OPERATE-TRANSFER (BOOT) MODEL FOR A  
PERIOD OF 5 YEARS**

**Tender Enquiry No.: TPCODL/P&S/2025-26/1000008583**

**Due Date for Bid Submission: 31.03.2026 [15:00 Hours]**

**TP Central Odisha Distribution Limited  
1st Floor, Anuj Building, Plot No.29, Satya Nagar,  
Bhubaneswar, Odisha 751007**

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## 1.0 Event Information

### 1.1. Scope of work

**Open Tenders** are invited from interested Bidders entering into a Contract for the following:

S. No.	Description	EMD Amount (Rs.)	Tender Fee (Rs.)
1.	Rate Contract for SITC of 20 kW Solar PV Micro Grid at TPCODL under Build-Own-Operate-Transfer (BOOT) Model for a period of 5 Years	Rs. 50,000	5,000

Note: Tender Fee is inclusive of GST

### 1.2. Availability of Tender Documents

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

### 1.3. Calendar of Events

(a)	Date of sale/ availability of tender documents from TPCODL Website	From 16.03.2026 onwards
(b)	Date by which Interested and Eligible Bidder to pay Tender Fee and confirm participation as mentioned in "Procedure to Participate in Tender"	23.03.2026
(c)	Last Date of receipt of pre-bid queries, if any	24.03.2026
(d)	Pre-Bid Meeting*	25.03.2026
(e)	Last Date of Posting Consolidated replies to all the pre-bid queries as received	30.03.2026
(f)	Last date and time of receipt of Bids	06.04.2026; 15:00 Hours
(g)	Date & Time of opening technical bids & EMD (Envelope-1 & 2)	Participating Bidders will get mail intimation from TPCODL E-Tender system (Ariba) when their Technical Bids are opened.
(h)	Date & Time of opening of Price bid of qualified bidders	Bidders will get mail intimation from TPCODL E-tender system (Ariba) when their Price Bids are opened

*\*Pre-Bid Meeting Time and Venue details shall be shared later*

**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.

### 1.4 Mandatory documents required along with the Bid

- 1.4.1 EMD of requisite value and validity
- 1.4.2 Tender Fee of requisite amount
- 1.4.3 Requisite Documents for compliance to Qualification Criteria mentioned in Clause 1.7.

- 1.4.4 Drawing, Type Test details along with a sample of each item as specified at Annexure I (as applicable)
- 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 Proper authorization letter/ Power of Attorney to sign the tender on the behalf of bidder.
- 1.4.8 Copy of PAN, GST, PF and ESI Registration (In case any of these documents is not available with the bidder, same to be explicitly mentioned in the 'Schedule of Deviations')
- 1.4.9 Documents for safety bid evaluation as per Appendix 13: CSM-F-9 Safety Bid Evaluation Criteria

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

### **1.5. Deviation from Tender**

Normally, the 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. Receipt of Bid within the due date and time

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

### **1.7 Qualification Requirement / Eligibility Criteria**

1. The bidder should have average annual turnover of Rs. 5 Cr in last three years Audited balance sheet, profit and loss account and auditors report from the statutory auditors of the company required). **CA Audited Summary sheet and profit & loss account statements to be submitted.**
2. The bidder must have experience in SITC of Solar PV Microgrid with Ground Mounting Structure, from among either of the following, of having successfully executed similar works during last Three (03) years ending on the last day of the month previous to the one in which the Tender is issued.

Three completed works, each valued not less than Rs. 50 Lakhs

OR

Two completed works, each valued not less than Rs. 1 Cr.

**Relevant documentary proof – Copy of Purchase Order/Letter of Award/Contract/Work Order, with proof of completion in the form of Completion Certificate on successful completion of Order, etc.**

3. Bidder should have service/sales/distribution network/office at Odisha to ensure minimum response time. **Undertaking on company letterhead for the same with details of distribution/sales/service network.**
4. The prospective Bidder(s) should be a registered Sole Proprietor Firm / Partnership Firm/ Company and should possess all Statutory Compliance. **Bidder must submit the copy of all these Registration certificates like Valid PAN, ESI registration, EPF registration, GSTN Registration etc.**
5. Joint Ventures (JV) are not allowed and no sub-contracting is also allowed with regard to Transportation, Installation and commissioning. This is the sole responsibility of Bidder. **Self-Declaration on Bidders Letter Head to be submitted.**

## 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, TPCODL 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 to the marketplace
- 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. This includes all bidding information submitted to TPCODL. All tender documents remain the property of TPCODL 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 on the compliance to tender terms and conditions
- The bids will be evaluated commercially on all-inclusive lowest cost for overall tender BOQ as calculated in Schedule of Items [Annexure I]. **Order shall be awarded to Single Business Associate.** Hence, all bidders are advised to quote their most competitive rates against each line item.
- Bidder has to mandatorily quote against each item of Schedule of Items [Annexure I]. Failing to do so, TPCODL may reject the bids.
- TPCODL reserves the right to place an order for both packages or for any individual package at its sole discretion.

**NOTE:** In case a new bidder is not registered with TPCODL, factory inspection and evaluation shall be carried out to ascertain bidder's manufacturing capability and quality procedures.



*However TPCODL 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 shall be final and binding on the bidder in this regard.*

**2.1 Price Variation Clause:** The prices shall remain FIRM during the entire contract period.

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

#### **3.1 Bid Submission**

Bidders are requested to submit their offer in line with this Tender document. TPCODL shall respond to the clarification raised by various bidders and the replies will be sent to all participating bidders through TPCODL e-tender system (Ariba).

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 BG / 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 has to be strictly in the format as mentioned in General Condition of Contract, failing which it shall not be accepted by TPCODL and the bid as submitted shall be liable for rejection. A separate non-refundable tender fee of 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

For Tender Fee and EMD submitted via online transfer, bidder to ensure that the same are carried out through separate transactions.

The EMD in the form of Bank Draft / BG / Bankers Pay Order shall be delivered at the following address in sealed envelope clearly indicating the tender reference / enquiry number, name of tender and bidder name:

#### **Head (Procurement & Stores)**

TP Central Odisha Distribution Limited

1st Floor, Anuj Building, Plot No.29, Satya Nagar, Bhubaneswar, Odisha 751007

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

- a) Documentary evidence in support of qualifying criteria
- b) Technical literature/GTP/Type test report etc. (if applicable)
- c) Qualified manpower (if available)
- d) Testing facilities (if applicable)
- e) No Deviation Certificate as per the Annexure III – Schedule of Deviations
- f) Acceptance to Commercial Terms and Conditions viz. Delivery schedule/period, payment terms etc. as per the Annexure IV – Schedule of Commercial Specifications.
- g) Quality Assurance Plan/Inspection Test Plan for supply items (if applicable)
- h) Project Implementation Plan including Level 2 Schedule for the project



- i) Unpriced mentioning “Quoted/Not Quoted” against all line items (Prices should not be mentioned)

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

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.

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, Taxes & duties, Freight 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 TPCODL E-Tendering system (Ariba) only. Hard copy of Price Bid not be submitted.

#### **SIGNING OF BID DOCUMENTS:**

The bid must contain the name, residence and place of business of the person or persons 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.

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**

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

All communication will be done strictly with the bidder who have done the above step to participate in the Tender.

#### **Communication Details:**

##### **Package Owner**

Name: Arijeet Choudhury  
Designation: Procurement (Commercial Services)  
Contact No.: 9871432126  
E-Mail ID: [arjeet.choudhury@tpcentralodisha.com](mailto:arjeet.choudhury@tpcentralodisha.com)

## **Escalation Matrix**

Name: Asish Karmakar (Head – Procurement and Stores)

Contact No.: 8768455566

E-Mail ID: [Asish.Karmakar@tpcentralodisha.com](mailto:Asish.Karmakar@tpcentralodisha.com)

Bidders are strictly advised to communicate with Package Owner through TPCODL E-tender System (ARIBA) only. They need to pay Tender Participation Fee to receive the ARIBA Log-in.

### **3.3 Bid Prices**

Bidders shall quote for the entire Scope of Supply/ work with a break up of prices for individual items and Taxes & duties. 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. 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 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 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 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 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

## **4 Bid Opening & Evaluation process**

### **4.1. Process to be confidential**

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's processing of Bids or award decisions may result in rejection of the Bidder's Bid.

### **4.2. Technical Bid Opening**

The bids shall be opened at TPCODL office in front of participated bidders either physically or in virtual mode. A link shall be provided to the participated bidders to view the tender opening process online. Also Participating Bidders shall get mail intimation from TPCODL E-Tender system (Ariba) when their Technical Bids are opened.

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. The salient particulars of the techno commercial bid will be read out at the sole discretion of TPCODL.

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 without any further correspondence in this regard.

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

TPCODL 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. TPCODL 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, TPCODL 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 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 may, at its discretion, ask the Bidder for a clarification on its Bid with respect to the TPCODL 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.

#### **4.5. Price Bid Opening**

The bids shall be opened at TPCODL office in front of Techno-commercially and / or safety qualified bidders either physically or in virtual mode. A link shall be provided to the bidders to view the price-bid opening process online. Bidders shall also get mail intimation from TPCODL E-Tender system (Ariba) when their Price Bids are opened.

#### **4.6. Reverse Auctions**

TPCODL reserves the right to conduct the reverse auction as per 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 be award to single bidder.

PLUS 2 means (01 + 02 = 03) means lowest 3 bidders i.e., L1 to L3 bidders would be allowed in the RA process. Balance, H1 to H7 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 6 & tender needs to be award to single bidder. PLUS 2 means (01 + 02 = 03), so all 3 qualified bidders would be allowed in the RA process.

#### **4.7 Award Decision**

TPCODL 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 4.3 above. The decision to place purchase order/LOI solely depends on TPCODL on the cost competitiveness across multiple lots, quality, delivery and bidder's capacity, in addition to other factors that TPCODL may deem relevant.

TPCODL reserves the rights to award contract to one or more bidders so as to meet the delivery requirement or nullify award decision without assigning any reason thereof.

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

### **5 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. Post Award Contract Administration (Clause 7.0)

3. Submission of Bid Documents (Clause 3.0)
4. Scope of Work and SLA (Annexure VII)
5. Technical Specifications (Annexure II)
6. Acceptance Form for Participation in Reverse Auction (Annexure VI)
7. General Conditions of Contract (Annexure VIII)

## **6 Post Award Contract Administration**

### **7.1. Special Conditions of Contract**

1. The Rate Contract (RC) shall be valid for One Year. Release Order shall be issued against the RC within its validity period. Rate shall remain FIRM till the validity of RC or RO whichever is later.
2. The AMC period shall be 5 years for each project, commencing after the completion of the respective project.
3. Business Associate (BA) shall submit applicable Performance Bank Guarantee in favour of Respective DISCOM as per GCC within 15 days of issuance of Order. PBG applicable shall be 15% of Total RC Value. BG shall be valid for a period of 7 Years plus six month claim period from the date of issuance of RC.

#### **OR**

Business Associate (BA) shall submit 2 Nos of Performance Bank Guarantee in favour of TPCODL as per GCC within 15 days of issuance of RC as stated below:

AMC BG - 5 nos of AMC BG to be submitted @ 2% of RC Value and all the 5 Nos of BGs shall be valid for a period of 6 Years plus six month of claim period from the date of issuance of RC.

PBG - 1 No of PBG to be submitted @ 5% of RC Value and the BG shall be valid for a period of 7 Years plus six month of claim period from the date of issuance of RC.

AMC BG shall be released annually (i.e. 2% each year for 5 years) only after submission of successful AMC Annual Report.

**(Note: MSME Preferential Norms shall be applicable only on PBG and not on AMC BG)**

4. Any change in statutory taxes, duties and levies during the contract period shall be borne by TPCODL. However, in case of delay in work execution owing to reasons not attributable to TPCODL, 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 TPCODL.
5. Prices shall be on FOR Basis, inclusive of Transit Insurance/ Packing & Forwarding and shall be inclusive of unloading & stacking at TPCODL site / store locations for Supplied material.
6. Watch & Ward of material shall be under BA scope till the project is handed over to TPCODL after AMC period.
7. BA shall be responsible to suitably insure their entire work-force (to the extent of at least meeting requirements under Workmen Compensation Act) Tools, Plant, third party liability at the project site, free issue items (material issues by TPCODL for installation at site) etc. for total contract (PO/RO) value or any other such risks during execution of works, till the works are handed over to the company. TPCODL shall stand fully indemnified in this respect.



8. Delivery of material/ Services shall be decided as per mutually agreed timeline between TPCODL EIC/ Project Officer and BA, based on the scope of work & complexities of individual project. For any time extension to initially agreed timeline as per issued RO, time extension shall be released after approval from functional Chief/ Head.
9. The bidder shall ensure to submit the Manufacturer's/Contractor's Guarantee certificate of Quality for supplied material (SITC)/ ITC Job after completion of jobs for respective RO.
10. Warrantee Period shall be 12 months on executed works from the date of handing over of site to TPCODL.
11. All the terms and conditions of TPCODL General Conditions of Contract for Composite Orders shall be applicable.

## **7.2 Drawing Submission and Approval (If Applicable)**

The relevant drawings and GTPs need to be submitted by BA within two weeks of receipt of Rate Contract. In case, re-submission of drawings is required on request of TPCODL, same needs to be submitted back to TPCODL within 5 days of such request.

Wherever TPCODL specifications are not available, relevant IS/IEC to be followed. All Drawings mentioned in the Tender Specification and other required for the completeness of the tender shall be submitted. Drawing submission process shall not be deemed complete of all the requirements are not complied during the submission of the same

## **7.3 Delivery Timelines**

Delivery of material/ Services shall be decided as per mutually agreed timeline between TPCODL EIC/ Project Officer and BA, based on the scope of work & complexities of individual project. For any time extension to initially agreed timeline as per issued RO, time extension shall be released after approval from functional Chief/ Head.

## **7.4 Warranty Period, if applicable.**

The supplier shall give Guarantee for the satisfactory functioning of the material / equipment as per specification, for a minimum period of 12 months from the last date of receipt of material in good condition at designated store for each consignment. The bidder shall be liable to undertake the replacement or rectify defects of the material failed during the guarantee period at his own cost within mutually agreed timeframe.

## **7.5 Payment Terms**

100% payment shall be made within 45 days of submission of commercially clear invoice with full details and fulfilment of statutory compliances and other requirements, if any and verified by concerned TPCODL official after completion of work against progressive monthly bills.

## **7.6 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 in order to combat the climate change. Please refer attached Environment Policy and Sustainability Policy, Annexure-XI for more details.

## 7.7 Ethics

TPCODL is an ethical organization and as a policy, TPCODL 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 at Annexure X for more information.

Any ethical concerns with respect to this tender can be reported to Chief Ethics Counselor to the following e-mail ID: Chief Ethics Counselor [Ethics@tpcentralodisha.com](mailto:Ethics@tpcentralodisha.com)

## 8 Specification and standards

As per Annexure.

## 9 General Condition of Contract

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

## 10 Safety

All jobs are this tender have to be executed strictly in compliance to the Safety terms and Conditions of TP Central Odisha Distribution Limited. Please refer attached Safety terms and conditions, Annexure-IX, for details. Violation of Safety norms will result in Penalty as mentioned in the above document.



**ANNEXURE I**  
**SCHEDULE FOR ITEMS**

SITC OF 10 KW SOLAR PV MICRO GRID AT BHARTIAPAL						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
<b>Package-A - SITC of Microgrid</b>						
1	Supply of 20KW Microgrid (Considering all required material for Microgrid Station)	Lot	1		-	-
2	ITC and all additional Charges for Microgrid including Civil and Insurance Cost	Nos	1		-	-
	<b>Total for Package-A</b>					-
<b>Package-B - LT Extension</b>						
<b>I</b>	<b>Supply for LT Extension</b>					
1	9 Mtr. long 300 Kg. PSC Pole	EA	5.00		-	-
2	LT Stay set Complete	SET	4.00		-	-
3	7/12 SWG GI stay wire, Grade -2	KG	48.00		-	-
4	LT stay Clamp ( 1.40Kg/pair)	EA	4.00		-	-
5	LT Stay insulator	EA	4.00		-	-
	<b>LT Accessories with Eye hook and Clamp</b>				-	-
6	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	EA	5.00		-	-
7	EYE hook for XLPE Aerial bunched Cable	EA	5.00		-	-
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	EA	2.00		-	-
9	Suspension Clamp with EYE hook for ABC	PAA	3.00		-	-
10	4Cx35 mm <sup>2</sup> (P)+1Cx35 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light) (LT AB Cable)	M	126.00		-	-
11	10 WAY SERVICE Distb.Box with kit kat fuse and Aluminium bus bar.	EA	4.00		-	-
12	Insulated piercing connector.Type-B-main 25 to 150 sq.mm & Tap-6 to 35 sq.mm	EA	16.00		-	-
13	GI Pipe Earthing (each 5th pole to earth)	EA	1.00		-	-
14	Coil Earthing	EA	4.00		-	-
15	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	KG	1.31		-	-
16	Danger plate (LT)	EA	5.00		-	-
17	Back Clamp for danger Plate 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 1 no's = (1x0.59x0.510)	KG	1.50		-	-
18	GI barbed wire anticlimbing device 3 Kg. Per support	KG	15.00		-	-
19	Back Clamp for anticlimbing device 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 4 no's = (4x0.59x0.510)	KG	6.02		-	-
20	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	KG	2.50		-	-

SITC OF 10 KW SOLAR PV MICRO GRID AT BHARTIAPAL						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
21	Black Paint(GIS Numbering & Zebra Stripping)	L	5.00		-	-
22	Yellow Colour Paint(GIS Numbering & Zebra Stripping) for Background	L	10.00		-	-
I	Total for Supply of Materials					-
II	ITC and Civil Cost					
1	Installation/Erection of 9 MTR PSC Pole including loading and unloading, transportation from site/tent upto 10 Kms., excavation,Includes and civil work. The scope also includes providing of all civil material for concreting . Transportation, loading and unloading of Pole from Nearest division/store/site office to site(maximum upto 10KM), Excavation for grouting, including concreting as per TPCODL standards and drawings.Concreting to be done with PCC-1:1.5:3. of size - 500x500x1500 and ,Padding 500x500x150mm.Scope of work also includes 5 days curing and zebra painting (In Black & Yellow Strips/Zebra) .As per drawing	No.	5.0		-	-
2	Installation of HT & LT Danger Board as per TPCODL specification	No.	5.0		-	-
3	Fixing of LT Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts, including excvation, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material (Excavation of earth will be done of size 500X500X1500 mm.)	No.	4.0		-	-
4	Construction Earthing chamber including installation of earthing pipe.Making earthing chamber including excavation , soil treatment with bentonide powder , calculation of earth resistance, including Installation of 3Mtr GI Pipe 40mm/50mm including welding of GI flat around pipe . BA has to supply of charcoal.etc with brick masanory (1:5), PCC (1:4:8) d with cast iron cover. size of the pit 450mmx450mmx600mm depth as per direction of engineer in charge. Supply of GI Pipe 40mm dia 3Mtr long is in scope of TPCODL.The installation will be done as per TPCODL drawing	EA	1.0		-	-
5	Erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories to earth the pole as per TP Central Orissa Distribution Co. Ltd. Design .Scope of work also includes the excavation of earth upto 1.2 Mtr depth for erection of earthing coil and disposal of extra malba up to 150Mtr as EIC instructions.	EA	4.0		-	-
6	Installation of Barbed Wire ( to avoid the climbing at pole) for 9Mtr/11Mtr/13 Meter pole/H Pole as per TPCODL specification and drawing.	Set	5.0		-	-
7	Installation of Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	5.0		-	-
8	Installation of Guy Grip Dead end for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	No.	5.0		-	-
9	Installation of Dead end clamp for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	No.	2.0		-	-
10	Installation of suspension clamp for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	Pair	3.0		-	-

SITC OF 10 KW SOLAR PV MICRO GRID AT BHARTIAPAL						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
11	Stringing of Different size of LT AB Cable A) 6wire from 4 x35 + 1x355mm <sup>2</sup> +1X16mm <sup>2</sup> upto 4X150+1X150+1X16SQM B) & 5 Wire AB Cable from 3x35+1x25+1x16 mm upto X95+1X70+1X16 sqmm BA will provide necessary manpower, tools, machinery etc, ladder etc for stringing activities. Transportation cost will be paid separately	K.M	126.0		-	-
13	BA will install LTDB box in pole for releasing power supply to LT 1ph & 3ph consumer.Scope includes provide necessary GI clamp arrangement for fixing LTDB to pole.Termination of incoming & outgoing cable in LT Dist Box	EA	4.0		-	-
14	Installation of Insulated Piercing Connector Type A, B, C and D	No.	16.0		-	-
15	Installation of different size of GI Nut ,bolt & washers,,	kG	2.5		-	-
II	<b>Total for ITC and Civil Cost</b>					-
III	<b>Transportation, Inspection and Insurance</b>					
	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tractor with labours as required (price per trip). Scope of work also include loading and unloading of materials heavy items like, Rail Pole, PCC Pole, HT Panel, Transformer, Cable Drum, LT Board . Item whose loading& unloading is to be done with crane , charges for crane will be paid separately. Transport through Tractor upto 40KM	EA	2.0		-	-
	Inspection Fee of Over Head Line (LV)-Rs. 375 upto 1 KM.	Lot	1.0		-	-
	Inspection Fee of Over Head Line (LV)- Rs. 225/ Additional Km	Lot	1.0		-	-
	Inspection Fee of Drawing Checking and Approval	Lot	1.0		-	-
	Insurance Cost for Package B	Lot	1.0		-	-
III	<b>Total for Transportation, Inspection and Insurance</b>					-
I+II+III	<b>Total for Package-B</b>					-
	<b>Total for Package- A + B</b>					-

SITC OF 10 KW SOLAR PV MICRO GRID AT GAMBHARIBANDHA						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
Package-A - SITC of Microgrid						
1	Supply of 20KW Microgrid (Considering all required material for Microgrid Station)	Lot	1		-	-
2	ITC and all additional Charges for Microgrid including Civil and Insurance Cost	Nos	1		-	-
	<b>Total for Package-A</b>					-
Package-B - LT Extension						
I	<b>Supply for LT Extension</b>					
1	9 Mtr. long 300 Kg. PSC Pole	EA	5.00		-	-
2	LT Stay set Complete	SET	5.00		-	-
3	7/12 SWG GI stay wire, Grade -2	KG	60.00		-	-
4	LT stay Clamp ( 1.40Kg/pair)	EA	5.00		-	-
5	LT Stay insulator	EA	5.00		-	-
	<b>LT Accessories with Eye hook and Clamp</b>				-	-
6	Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	EA	5.00		-	-
7	EYE hook for XLPE Aerial bunched Cable	EA	5.00		-	-
8	Dead End Clamp suitable for messenger XLPE Aerial bunched Cable	EA	2.00		-	-
9	Suspension Clamp with EYE hook for ABC	PAA	3.00		-	-
10	4Cx35 mm <sup>2</sup> (P)+1Cx35 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light) (LT AB Cable)	M	147.00		-	-
11	10 WAY SERVICE Distb.Box with kit kat fuse and Aluminium bus bar.	EA	4.00		-	-
12	Insulated piercing connector.Type-B-main 25 to 150 sq.mm & Tap-6 to 35 sq.mm	EA	20.00		-	-
13	GI Pipe Earthing (each 5th pole to earth)	EA	1.00		-	-
14	Coil Earthing	EA	4.00		-	-
15	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr.- 2 Mtr. For connecting pole with Coil earthing	KG	1.31		-	-
16	Danger plate (LT)	EA	5.00		-	-
17	Back Clamp for danger Plate 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 1 no's = (1x0.59x0.510)	KG	1.50		-	-
18	GI barbed wire anticlimbing device 3 Kg. Per support	KG	15.00		-	-
19	Back Clamp for anticlimbing device 25X3 mm. Flat(GI), 0.59Kg/Mtr. Flat(GI) of 0.510mtr length 4 no's = (4x0.59x0.510)	KG	6.02		-	-
20	GI Nut , Bolt & Washer of different sizes (0.5 Kg/ Pole)	KG	2.50		-	-
21	Black Paint(GIS Numbering & Zebra Stripping)	L	5.00		-	-
22	Yellow Colour Paint(GIS Numbering & Zebra Stripping) for Background	L	10.00		-	-

SITC OF 10 KW SOLAR PV MICRO GRID AT GAMBHARIBANDHA						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
I	Total for Supply of Materials					-
II	ITC and Civil Cost					
1	Installation/Erection of 9 MTR PSC Pole including loading and unloading, transportation from site/tent upto 10 Kms., excavation, Includes and civil work. The scope also includes providing of all civil material for concreting . Transportation, loading and unloading of Pole from Nearest division/store/site office to site(maximum upto 10KM), Excavation for grouting, including concreting as per TPCODL standards and drawings.Concreting to be done with PCC-1:1.5:3. of size - 500x500x1500 and ,Padding 500x500x150mm.Scope of work also includes 5 days curing and zebra painting (In Black & Yellow Strips/Zebra) .As per drawing	No.	5.0		-	-
2	Installation of HT & LT Danger Board as per TPCODL specification	No.	5.0		-	-
3	Fixing of LT Complete stay set includes 1) Turn Buckle Assembly 2) Stay Rod & Stay plate 3) Stay Insulator 4) Stay Wire. 5)Stay clamps with Nuts & bolts, including excvaton, supply of 0.5Cum cement concrete foundation 1:2:4 size (500mmx500mmx800mm) using 20mm BHG metal with all labour and material (Excavation of earth will be done of size 500X500X1500 mm.)	No.	5.0		-	-
4	Construction Earthing chamber including installation of earthing pipe.Making earthing chamber including excavation , soil treatment with bentonide powder , calculation of earth resistance, including Installation of 3Mtr GI Pipe 40mm/50mm including welding of GI flat around pipe . BA has to supply of charcoal.etc with brick masanory (1:5), PCC (1:4:8) d with cast iron cover. size of the pit 450mmx450mmx600mm depth as per direction of engineer in charge. Supply of GI Pipe 40mm dia 3Mtr long is in scope of TPCODL.The installation will be done as per TPCODL drawing	EA	1.0		-	-
5	Erection of earthing coil (8 SWG wire dia) along with 8 SWG Wire, Nut -bolt & other accessories to earth the pole as per TP Central Orissa Distribution Co. Ltd. Design .Scope of work also includes the excavation of earth upto 1.2 Mtr depth for erection of earthing coil and disposal of extra malba up to 150Mtr as EIC instructions.	EA	4.0		-	-
6	Installation of Barbed Wire ( to avoid the climbing at pole) for 9Mtr/11Mtr/13 Meter pole/H Pole as per TPCODL specification and drawing.	Set	5.0		-	-
7	Installation of Pole clamp for EYE hook for (XLPE Aerial bunched Cable)	Pair	5.0		-	-
8	Installation of Guy Grip Dead end for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	No.	5.0		-	-
9	Installation of Dead end clamp for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	No.	2.0		-	-
10	Installation of suspension clamp for stringing LT ABC Cable.BA will provide necessary tool, manpower, nubolt.	Pair	3.0		-	-
11	Stringing of Different size of LT AB Cable A) 6wire from 4 x35 + 1x355mm <sup>2</sup> +1X16mm <sup>2</sup> upto 4X150+1X150+1X16SQM B) & 5 Wire AB Cable from 3x35+1x25+1x16 mm upto X95+1X70+1X16 sqmm BA will provide necessary manpower, tools, machinery etc, ladder etc for stringing activities. Transportation cost will be paid separately	K.M	147.0		-	-

SITC OF 10 KW SOLAR PV MICRO GRID AT GAMBHARIBANDHA						
Sl. No.	Description of Materials	Unit	Qty	Unit Rate Rs.	All Incl Unit Rate Rs.	Total Amount
			A	B	C=B+GST	D=AxC
13	BA will install LTDB box in pole for releasing power supply to LT 1ph & 3ph consumer.Scope includes provide necessary GI clamp arrangement for fixing LTDB to pole.Termination of incoming & outgoing cable in LT Dist Box	EA	4.0		-	-
14	Installation of Insulated Piercing Connector Type A, B, C and D	No.	20.0		-	-
15	Installation of different size of GI Nut ,bolt & washers,,	kG	2.5		-	-
II	<b>Total for ITC and Civil Cost</b>					-
III	<b>Transportation, Inspection and Insurance</b>					
	Transportation of various items from TPCODL store/site to other site or vice versa in TPCODL operational area - Tractor with labours as required (price per trip). Scope of work also include loading and unloading of materials heavy items like, Rail Pole, PCC Pole, HT Panel, Transformer, Cable Drum, LT Board . Item whose loading& unloading is to be done with crane , charges for crane will be paid separately. Transport through Tractor upto 40KM	EA	2.0		-	-
	Inspection Fee of Over Head Line (LV)-Rs. 375 upto 1 KM.	Lot	1.0		-	-
	Inspection Fee of Over Head Line (LV)- Rs. 225/ Additional Km	Lot	1.0		-	-
	Inspection Fee of Drawing Checking and Approval	Lot	1.0		-	-
	Insurance Cost for Package B	Lot	1.0		-	-
III	<b>Total for Transportation, Inspection and Insurance</b>					-
I+II+III	<b>Total for Package-B</b>					-
	<b>Total for Package- A + B</b>					-

**Signature & Seal of the Bidder**

**NOTE:**

- The bidders are advised to quote prices strictly in the format attached.
- The bidder must fill each and every column of the format attached. **Mentioning “extra/inclusive” in any of the column may lead for rejection of the price bid.**
- No cutting/ overwriting in the prices is permissible.
- The unit price should be exclusive of taxes & duties which are to be indicated in separate columns meant for the purpose.
- The bids will be evaluated commercially on “**all-inclusive line item-wise lowest unit rate**”



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- All the costs pertaining to ROW/or any other expenses for execution of work is included in the scope of BA. Accordingly, the BA needs to consider this cost while submitting their Price Bid.

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**ANNEXURE II**  
**TECHNICAL SPECIFICATIONS**

Available Separately

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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'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:**

**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 Reg'n No.)

***Seal of the Bidder:***

***Signature:***

***Name:***

### ANNEXURE V

#### CHECKLIST OF ALL THE DOCUMENTS TO BE SUBMITTED WITH THE BID

Bidder has to mandatorily fill in the checklist mentioned below:-

S. No.	Documents attached	Yes / No / Not Applicable
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**

**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 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 will make every effort to make the bid process transparent. However, the award decision by TPCODL would be final and binding on the supplier.
3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of TPCODL, 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.
6. In case of intranet medium, TPCODL shall provide the infrastructure to bidders. Further, TPCODL has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders to submit the bids to ensure fair & transparent competitive bidding. In case of 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 out-rightly rejected by TPCODL.
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 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.
12. The original price bids of the bidders shall be reduced on 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 & Seal of the Bidder**



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**ANNEXURE VII**  
**SCOPE OF WORK**

Not Applicable

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**ANNEXURE VIIa****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.





NIT No.: TPCODL/P&S/2025-26/1000008583

**ANNEXURE VIII**  
**GENERAL CONDITIONS OF CONTRACT**

**Attached:** General Conditions of Contract for Composite Orders

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**ANNEXURE IX**  
**SAFETY POLICY AND SAFETY TERMS AND CONDITIONS**

**1. Objective**

The Tata Power engages contractor workforce to execute, run and maintain various operating sites and facilities across locations for various business verticals including Generation, Transmission, Distribution and Renewable. The activities range from project execution, operation, maintenance to facilities management.

The management of contractor safety represents a significant challenge for management. Tata Power has a responsibility to ensure that contractors are provided with enough information and support to enable them to conduct their roles safely and without endangering health and safety of their own workforce or that of our staff.

To ensure reduction in reportable injuries and achieve goal of zero accidents, first edition of contractor safety code of conduct was launched successfully in the year 2014. Since last four years after the launch of CSCC, Tata Power could achieve the objective of reduction in reportable injuries and fatalities.

Over the period, as the system was being matured, a need was felt to make second revision of the CSCC process. Objective of second revision is improve existing CSCC system and make it user friendly.

- 2. Scope:** This procedure applies to all operating and project sites of The Tata Power Company Ltd and Group companies including new businesses like EV charging, Home Automation etc.

**3. Definitions**

- 3.1. Order Manager:** Order Manager is the Tata Power representative, who has the ownership of the given job.
- 3.2. Site Safety Management Plan:** It is the safety plan agreed between Contractor and Tata Power. It will contain the entire job specific safety requirement and will be signed by the contractor.
- 3.3. Contractor:** An individual or a company that provides services to Tata Power under a signed contract.
- 3.4. Emergency:** a serious, unexpected or dangerous situation requiring immediate action, which may result in loss of revenue/property, business discontinuity. In case of Emergency\*, services may be procured by selecting the qualified vendor based on the vendor category without the safety bid evaluation. It must be approved by MB level and above.
- 3.5. Expert Service jobs:** Jobs which needs expert services of contractor which does not involve direct exposure to the potential risk or work which involves only supervisory work such as expert for turbine overhaul, expert for boiler overhaul, expert for pump and motor, expert for compressor overhaul.

- 3.6. **Head of the Division:** Business in charge of the division who is overall custodian of the generating station or transmission division or distribution division.
- 3.7. **Category A Vendor:** Vendor eligible to carry out Very High & High risk (as per Tata Power Hazard Identification and Risk Analysis Procedure) and /or Long-Term Contract related to operation and maintenance (O&M) of plant. Vendors must fulfil the requirement specified for Category A in Appendix 12-CSMF-5 of this document.
- 3.8. **Category B Vendor:** Vendors eligible to carry out technical jobs, that are classified under Medium /low risk. Vendors must fulfil the requirement specified for Category B in Appendix 12-CSMF-5 of this document.
- 3.9. **Category C Vendor:** Vendors eligible for to carry out low or very low risk administrative and office jobs. For this he must fulfil the requirement specified for Category C in Appendix 12-CSMF-5 of this document.
- 3.10. **Category D Vendor:** All Consultants, Medical Practitioners or vendors taking job from Tata Power and working from their own premises (e.g. motor rewinding at vendor's shop floor, equipment sent for repair to vendor's works etc.) are classified as Category D Vendor
- 3.11. **High Risk Jobs:** A Job or its activities are considered as Very High or High Risk when Order manager apply the "Tata Power Hazard Identification and Risk Analysis" procedure and found safety risk associated with are under Very High or High category. Indicative lists of jobs are given in appendix 15 of this document.
- 3.12. **Medium Risk Jobs:** Jobs or its activities are considered as medium risk when Order manager apply "Tata Power Hazard Identification and Risk Analysis" procedure and found the same as Medium Risk.
- 3.13. **Low Risk Jobs:** Any job or its activities are considered as Low or Very low risk while Order manager, calculate it by applying "Tata Power Hazard Identification and Risk Analysis" procedure and found it under Low or Very Low category.
- 3.14. **Long Duration Jobs:** When the duration of job is 12 months or more, it is considered as Long duration job
- 3.15. **High Value Jobs:** When the value of the job contract is Rs. One Crore or more it will be considered as High value job.

## 4. Responsibilities

- 4.1 **Order Manager:** Order Manager is the Tata Power representative, who is responsible for:

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- 4.1.1 Finalizing the Site Safety Management Plan along with Contractor, Safety Concurrences Group, Divisional Safety Head and Expert (External or Internal) if required.
- 4.1.2 Supervise and ensure work is carried out as per the Site Safety Management Plan including agreed Risk Assessment (HIRA/JSA) and Method Statement.
- 4.1.3 Conduct audit and evaluate Safety Performance of contractor.
- 4.1.4 Ensure contractors adhere to all statutory provisions.
- 4.1.5 In case any deviation is needed in agreed safety management plan or in CSCC process for execution of job, Management of Change procedure will be applicable, and approval may be obtained from divisional head /Cluster head.

**4.2 Contractor:** The person, entity or organisation who is executing the job for Tata Power under a contractual agreement and will be responsible for the following

- 4.2.1 To follow all Tata Power Critical Safety Procedure, Rules and guidelines given in Safety Terms and Conditions
- 4.2.2 Undertake job as per [Site Safety Management Plan CSM-F10](#) and method statements agreed with Tata Power.
- 4.2.3 Raise any concerns with regard to their work and its safety with the Tata Power Order Manager.
- 4.2.4 Report all injuries, near misses, unsafe acts/conditions, and occurrences to the Tata Power Order Manager immediately.
- 4.2.5 Ensure that all sub-contractors follow the Tata Power Safety Procedure and agreed [Site Safety Management Plan CSM-F10](#).
- 4.2.6 To follow all statutory requirements as per the laws of the land.
- 4.2.7 All vendors applying for A category jobs or submitting quote for high risk jobs shall obtain certificates of ISO 9001, ISO14001 and ISO45001 before submitting quote for high risk Jobs.

**4.3 Safety Concurrence Group:** It is Cross Functional Team constituted by Corporate Safety Team, which will have representatives from Execution department, Divisional safety and Corporate / Divisional contracts. SCG will be responsible for the following

- 4.3.1 Assessment of Safety Potential of new vendor before registration as per [CSM-F1- Safety Category Qualification Form](#).
- 4.3.2 Safety Evaluation of the bids as per evaluation format [CSM-F-9 Safety Bid Evaluation Criteria](#)
- 4.3.3 Finalization of the Site Safety Management Plan CSM-F-10 submitted by the contractor.
- 4.3.4 Corporate Safety Team / Cluster Safety Head will be part of SCG during Safety Bid Evaluation for following types of jobs
  - 4.3.4.1 High-Risk jobs to be carried out in Annual Overhaul / Major Shutdowns and Outages.
  - 4.3.4.2 Capex jobs of High-Risk Category

## **5.1 Vendor Registration**

For Vendor Registration, Corporate Contract will issue following documents for evaluation of contractor's safety capability

- 1) [CSM-F1 –Safety Category Qualification Form](#)

## 2) [Safety Terms and Conditions](#)

The document [Safety Terms and Conditions](#) provides the information about Tata Power safety System to the contractor. Contractor will submit the [CSM-F1- Safety Category Qualification Form](#) with all relevant details and documents to Vendor Registration Initiator, which will in turn forward it to Safety Concurrence Group (SCG) for evaluation. The SCG will evaluate the details submitted by the contractor based on a predetermined criteria [CSM-F-5 Safety Potential Evaluation Criteria](#) for Vendor Registration and will determine the category (Category A/B/C/D) for which the contractor will be registered. As mentioned in the above criteria, a site visit may also be organized by SCG prior to registration under Category A and B. In case, the contractor does not qualify the safety criteria, the contractor will not be registered. However, he may apply afresh for registration after 6 months. Please refer [Appendix 1: Process Flow Chart for Vendor Registration](#).

## 5.2 Bid evaluation

At the time of placing the Purchase Requisition (PR), Order Manager is required to declare the risk involved in the of the job (i.e. High Risk / Medium Risk / Low Risk jobs, based on the RPN in HIRA. If the Job is “High Risk” or “Long Duration”, then RFQ will be attached with following documents:

- 1) [CSM-F7- Blank Safety Competency Form](#)
- 2) [CSM-F8 PPE requirements](#)
- 3) [Safety Terms and Conditions](#)
- 4) [Job Specific Safety Requirement \(Educational and Professional Qualification, Skill & Experience Manpower, Tools and Tackles \(e.g. man lifter, use of drone, use & availability of rescue kit\), Work Methodology etc.\)](#)

Otherwise the RFQ will be attached only with [Safety Terms and Conditions](#). Long term and low value jobs (see definition) are exempted from the CSCC process.

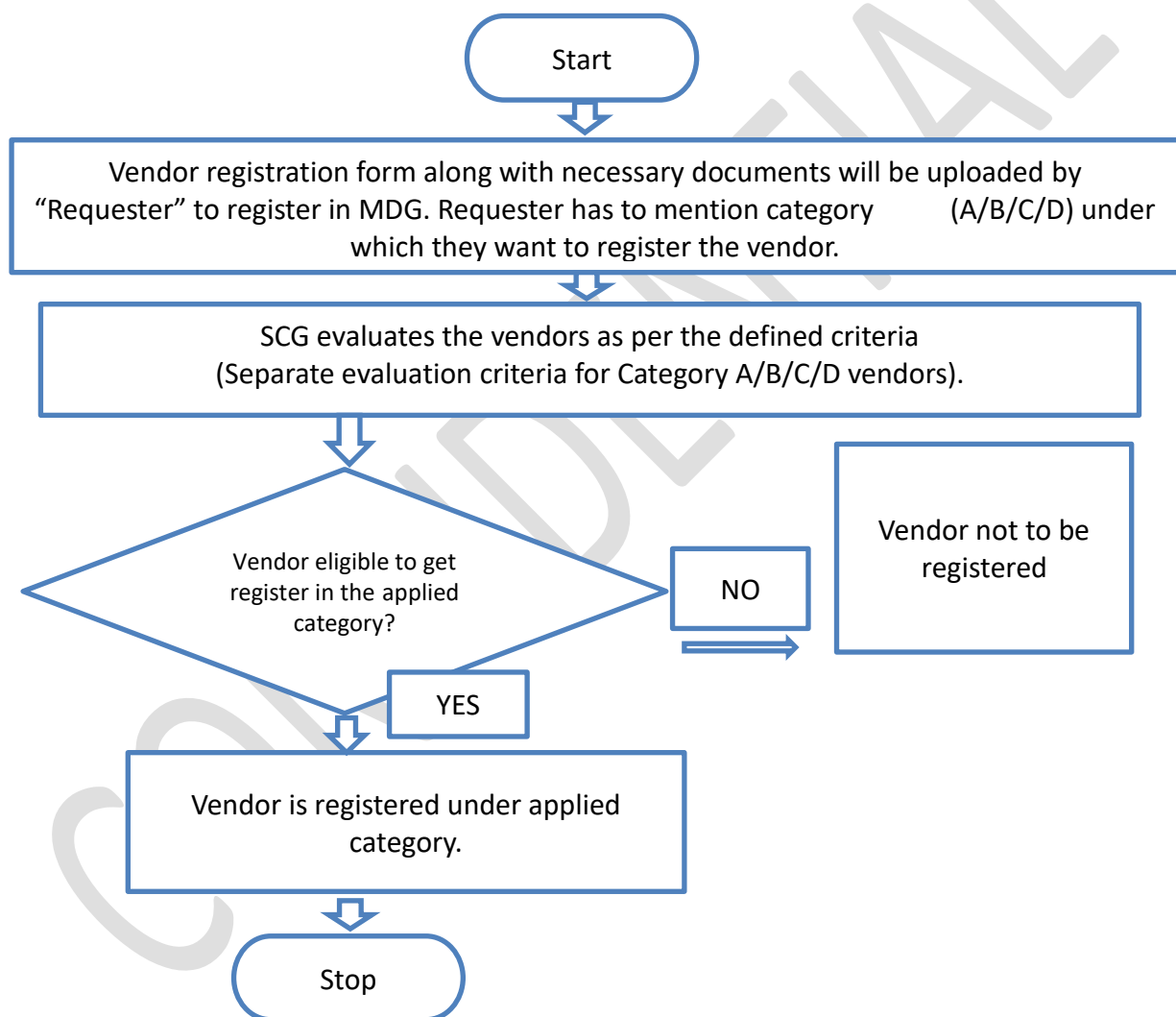
Corporate Contracts will collect duly filled [CSM-F7 Safety Competency Form](#) along with the bid. All other stakeholders will also put their efforts to get all relevant safety data during meeting / discussions with the vendor. SCG will evaluate the document as per the [CSM-F9 Safety bid evaluation criteria](#). If any specific condition related to Contract is required to convey to contractor, Site safety team will attach the same as Annexure for specific conditions of job and submit it to contract team along with safety bid evaluation form. Commercial bid of contractor will be considered for evaluation by contract team only if contractor is qualified in safety bid. Site Safety Management Plan, defining the complete procedure of executing the job at site will be signed by the contractor and SCG after mutual agreement. CC will attach a copy of site safety Management Plan and any specific condition of contract along with PO to the successful bidder. Please refer [Appendix 6: Process Flow Chart for issuing RFQ and PO significant health and safety risk associated with it](#).

## 5.3 Safety Performance Evaluation

During the time of job execution, regular site inspection will be carried out by the Tata Power officials and violations will be dealt as per [CSM-F4 Safety Violation Penalty Criteria](#). Apart from this, monthly safety performance of the contractor will be evaluated based on the

predetermined criteria as per [CSM-F11 safety Performance Score](#) and monthly score will be maintained by the Order Manager. Certain percentage of each running bill will be retained as Safety Retention amount and will be released on the basis of Safety Performance Score at certain intervals as defined in [CSM- F-3- Safety Performance Evaluation Criteria](#). Please refer [Appendix 10: Process Flow Chart for Safety Performance Evaluation](#). Percentage of retention amount is mentioned in safety terms and conditions.

## Appendix 1: Process Flow Chart for Vendor Registration



## Appendix 2: CSM-F-1 Safety Category Qualification form

1. “**Safety Category Qualification Form**” is part of vendor registration form. It needs to be filled by the contractor at the time of Registration and should be submitted to Requester / order manager with all relevant documents.
2. The same will be evaluated by Safety Concurrence Group of the Division (SCG) as per the criteria given in CSM-F-5.
3. Information provided by contractor will be verified during site visit.

### Safety Category Qualification Form

**Please consider my application for**

**Category A Vendor:** Vendor eligible to carry out Very High- and High-risk O&M jobs

**Category B Vendor:** Vendors eligible to carry out technical jobs, classified as Medium / low risk

**Category C Vendor:** Vendors eligible for to carry out low or very low risk administrative and office jobs

**Category D vendor:** All Consultants, Medical Practitioners or vendors taking job from Tata Power and working from their own premises.

Name of the Vendor:																
Sr. No	Safety Information	Remarks	Attachment													
1	Certified for i. OHSAS 18001/ ISO 45001, ii. ISO: 14001 iii. ISO: 9001 (ISO certificates to be issued from reputed accreditation agencies specified by Tata Power)	i. Y/ N ii. Y/ N iii. Y/ N	Attach copy of the certification													
2	Safety Statistics for Last Three (3) Years - LTIFR - LTISR	Yes/No		<table border="1"> <thead> <tr> <th></th> <th>Year 1 (Last FY)</th> <th>Year 2</th> <th>Year 3</th> </tr> </thead> <tbody> <tr> <td>LTIFR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>LTISR</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Year 1 (Last FY)	Year 2	Year 3	LTIFR				LTISR			
	Year 1 (Last FY)	Year 2	Year 3													
LTIFR																
LTISR																
3	Do you have Safety Policy?	Yes/No	Attach copy of the safety policy.													
4	Do you have Safety training process?	Yes/No	Attach safety training process.													
5	Do you have Safety organization structure e.g. Safety Officers and Safety Committees?	Yes/No	Attach copy of the safety organization structure.													
6	Name and address of sites where work is in progress or worked earlier	Yes/No	Site details to be attached for inspection by Officials.													

Signature :  
Name and Designation :  
Stamp of Organization :



### Appendix 3: Safety Terms and Conditions

Please refer the attached document [Safety Terms and Conditions](#).

### Appendix 4: CSM- F-3- Safety Performance Evaluation Criteria

1. A certain percentage of the bill value will be retained against every running bill as safety performance retention. The amount will be released with the last invoice or every six-month based on Safety Performance Score of contractors. The retention amount will be calculated based on contract value as below.

Contract Value	Retention Amount (%)
Up to 10 Lakhs	2.5
10 – 50 lakhs	2
0.5 to 10 Cr	1.5
>10 Cr	1

2. The evaluation criteria include Lead Indicators such as CFSA (Contractor Field safety Audit) score, percentage of workers trained in TPSDI, inspection of critical equipment. Lag indicators such as Fatalities, LWDC and man days lost.
3. The retention amount saved will go to a separate Safety Improvement Fund.
4. For the contract value of more than Rs 1 Cr or contract duration more than 12 months, the retention amount shall be released half yearly based on safety performance. For all remaining contracts, the retention amount will be released with the final bill.
5. Long term jobs with low value (Less than Rs. 1 Cr.) are exempted from the safety retention. Invoice of these type of jobs can be cleared without safety retention.
6. In case of job stoppage due to safety violations / unsafe observations at the site, no time extension shall be given to the contractor, if such delays are attributable to contractor.
7. In case of fatality, limb loss or loss of property, vendor must pay for liability, legal, statutory and additional mutually agreed settlement charges imposed by the appointed committee. This charge is over and above the retention amount.
8. The committee will finalize an amount between 5 -50 lakhs based on factors such as advise by statutory authorities, contract value and impact of accident etc.
9. Safety performance bonus 1% (limiting to 50 lakhs) of the invoice value will be considered at the end of the job if the contractual safety performance score 100%.
10. During the progress of the work, concerned Supervisor/Engineer will visit and inspect the work site regularly and evaluate the safety performance of the contractor based on matrix attached herewith and apply the Consequence management policy as applicable.
11. Order Manager, divisional chief and SBU head have the authority to terminate the contract in case of three consecutive serious violations.

### Safety Performance Evaluation report- CSM-F-3

	<b><u>Lead Indicators</u></b>	<b>Unit Of measurement</b>	<b>Target</b>	<b>weight age</b>
1	% of Employee certified in TPSDI/Authorized agency	%	50%	10
2	CFSA score (Annexure 6.1)	Average Severity of Violations	1.49	20
3	Monthly inspection completed by contractor for Critical Equipment, lifting Tools & Tackles and hand tools used at site as per Tata Power Checklist	%	80	5
4	Revalidation of Condition of tools, tackles and equipment by Order Manger.	%	100	15
	<b><u>Lag Indicators</u></b>			
1	Number of Fatalities	No.	0	30
2	Number of Lost workday case (LWDC)	No.	0	10
3	Man-days Lost	No.	0	10

## Appendix 5: CSM- F-4 Safety Violation Penalty Criteria

Penalty shall be imposed on the contractors under the following circumstances for breaching the contractual agreements:

S No	Description of violation	Severit	Penalty
1.	Working without Permit	5	5000/-
2.	Untrained (TPSDI) worker on high-risk jobs.	5	5000/-
3.	Unhygienic/Bad condition of PPE	2	250/-
4.	Not following Tata Power Procedure & Standard	4	2000/-
5.	Unsafe Act/Condition of Severity 4	4	2000/-
6.	Unsafe Act/Condition of Severity 5	5	5000/-
7.	No Earthing of Electrical equipment	5	5000/-
8.	Damaged welding cable	5	5000/-
9.	Violation of Positive Isolation Procedure (LOTO Not followed)	5	5000/-
10.	ELCB of more than 30 mA/ELCB not working	5	5000/-
11.	On/Off switch of welding m/c not working	5	5000/-
12.	Electric cable tied with metal wire	5	5000/-
13.	Leakage found DA hose / cylinder	5	5000/-
14.	Use of LPG	5	5000/-
15.	Use of IC engine based Three-wheeler at the work site.	5	5000/-
16.	Starting the job without Toolbox Talk	5	5000/-
17.	Spatter falling on DA hose / Gas-line/ pathways / Equipment	5	5000/-
18.	No safety latch in crane hook	5	5000/-
19.	Load raised or swung over people or occupied areas of buildings	5	5000/-
20.	Persons standing in swing area of construction equipment.	5	5000/-
21.	Using damaged slings.	5	5000/-
22.	Unstable scaffolding/nonstandard Scaffolding in use	5	5000/-
23.	Handrails and mid-rails are missing	5	5000/-
24.	Safety Harness not anchored with lifeline/fixed structure	5	5000/-
25.	Fall arrestor not provided/ Not being used.	5	5000/-
26.	Double lifeline not used for working at height	5	5000/-
27.	No rubber mat in Electrical Distribution (DB) room	4	2000/-
28.	Water found accumulated in Electrical Distribution room/near welding machine.	4	2000/-
29.	Inserting electric cables into socket, without using plug.	4	2000/-
30.	Use of damaged electrical cable/two core cables.	4	2000/-
31.	Inflammable material found in Distribution Room / welding areas.	4	2000/-
32.	Loose material falling into excavated pit	4	2000/-
33.	Water logging into excavated pit /trenches	4	2000/-
34.	No / inadequate Barricade	4	2000/-
35.	Undercut / cave-in found on sides of excavated pits	4	2000/-
36.	Grinding wheel/ Coupling/ Piling winch/other rotating parts without guard	4	2000/-

37.	The HMV/Mobile Crane operator does not have a valid HMV driving license.	4	2000/-
38.	The loading area is not leveled properly.	4	2000/-
39.	Ladder not anchored at top	4	2000/-
40.	Opening found in working platform of scaffolding/floor	4	2000/-
41.	Inadequate illumination at the working area	4	2000/-
42.	Loose material lying on Gantry, platform	4	2000/-
43.	Cleaning with Compressed Air.	3	500/-
44.	Gas Cylinders using without cap.	3	500/-
45.	Gas Cylinders stored without securing	3	500/-
46.	Bringing inside any other chemicals, apart from approved by Safety dept.	3	500/-
47.	Using drum for sitting or accessing height.	3	500/-
48.	Misusing emergency facilities like fire hydrant line/ hose box/ spray system/ eye wash etc.	3	500/-
49.	No provision of Safety net where falling materials or tools may occurs	3	500/-
50.	Taking electrical supply from non-designated outlet (other than socket).	3	500/-
51.	Restricted gangways due to unwanted materials.	3	500/-
52.	Not reporting incident.	3	500/-
53.	Entering into restricted area like switch yard/ hazardous storage	3	500/-
54.	Work without supervision	3	500/-
55.	Parking of vehicle without applying wheel choke at right front-front and left rear-rear wheels other than passenger cars.	3	500/-
56.	Heavy Vehicle without helper or co-driver.	3	500/-
57.	Not wearing florescent safety jacket at site.	3	500/-
58.	People travelling in load body of vehicle.	3	500/-
59.	Parking of vehicles at non designated area.	3	500/-
60.	Shifting heavy materials without guide ropes.	3	500/-
61.	Using other than 24V lamp inside the confined space/Use of other than 24V lamps.	3	500/-
62.	Angular loading/ lifting with Crane or hoist.	3	500/-
63.	By passing the limit switch/ Safety Interlock.	3	500/-
64.	Housekeeping activities on road without proper barricade.	3	500/-
65.	Trying to board or alit from running vehicle.	3	500/-
66.	Cylinder Valves of Gas cylinders not closed when not in use.	3	500/-
67.	Flash-back arrester not used.	3	500/-
68.	Hand Trolley wheel found damaged.	3	500/-
69.	Guy ropes of required length on both sides of object are not used during movement with load.	3	5/ 00/-
70.	Scotch block/wedge not provided, when the vehicle is parked.	3	500/-

71.	Suitable Trolley not provided to hold the cylinders.	3	500/-
72.	Locked First Aid box	3	500/-
73.	Caution boards, danger signs (luminescent /red) along with emergency contact number are not found displayed.	3	500/-
74.	Person found jumping barricading tape	3	500/-
75.	Stacking of pipes, pile casing, drums without chock blocks/wedges	3	500/-
76.	The terrain on which Heavy Equipment/Machinery moves is not reasonably hard.	3	500/-
77.	Without Safety Helmet at working sites	4	250/-
78.	Without Crash Helmet (on bikes)	4	500/-
79.	Without Full body double lanyard Safety Harness (for work at height)	5	5000/-
80.	Without Hand gloves - Material Handling, Welding, Cutting,	4	100/-
81.	Without Safety goggles/ face shield - Welding/Cutting /Grinding	5	5000/-
82.	Handling Chemical without PVC Apron	5	5000/-
83.	Smoking in prohibited area (Closed Go-downs, Storage of flammable material, Storage of Gas cylinders)	5	1000/-
84.	Sleeping at Workplace	3	100/-
85.	Driving beyond speed limit	3	1000/-
86.	Seat Belt While Driving (for front seat passengers and driver)	3	500/-
87.	Driving without license	4	1000/-
88.	Heavy Commercial vehicles without reverse horn	3	500/-
89.	Nonfunctional Head light/ taillight and side indicators	3	100/-
90.	Using Mobile Phone During Driving	5	5000/-
91.	Poor visibility of registration number/ without registration number	3	100/-
92.	Broken/ without Side view mirror	3	100/-
93.	Over speeding above specified limit	3	500/-
94.	Broken/ Without Pressure gauge on Oxygen/ LPG / Acetylene cylinder.	3	500/-
95.	Without Flash back arrestor on Industrial Acetylene & Oxygen cylinders.	5	5000/-
96.	Spillage of hazardous material/chemicals during transportation	4	2000/-
97.	Electrical equipment without Earthing/ ELCB/ Double Insulation Cable.	5	5000/-
98.	Lifting Tools & Tackles used without/ expired Test Certificates.	5	5000/-
99.	Housekeeping repeatedly not maintained		
100.	• First Time	3	Warning
101.	• Second Time	4	1000/-
102.	• Third Time	5	5000/-

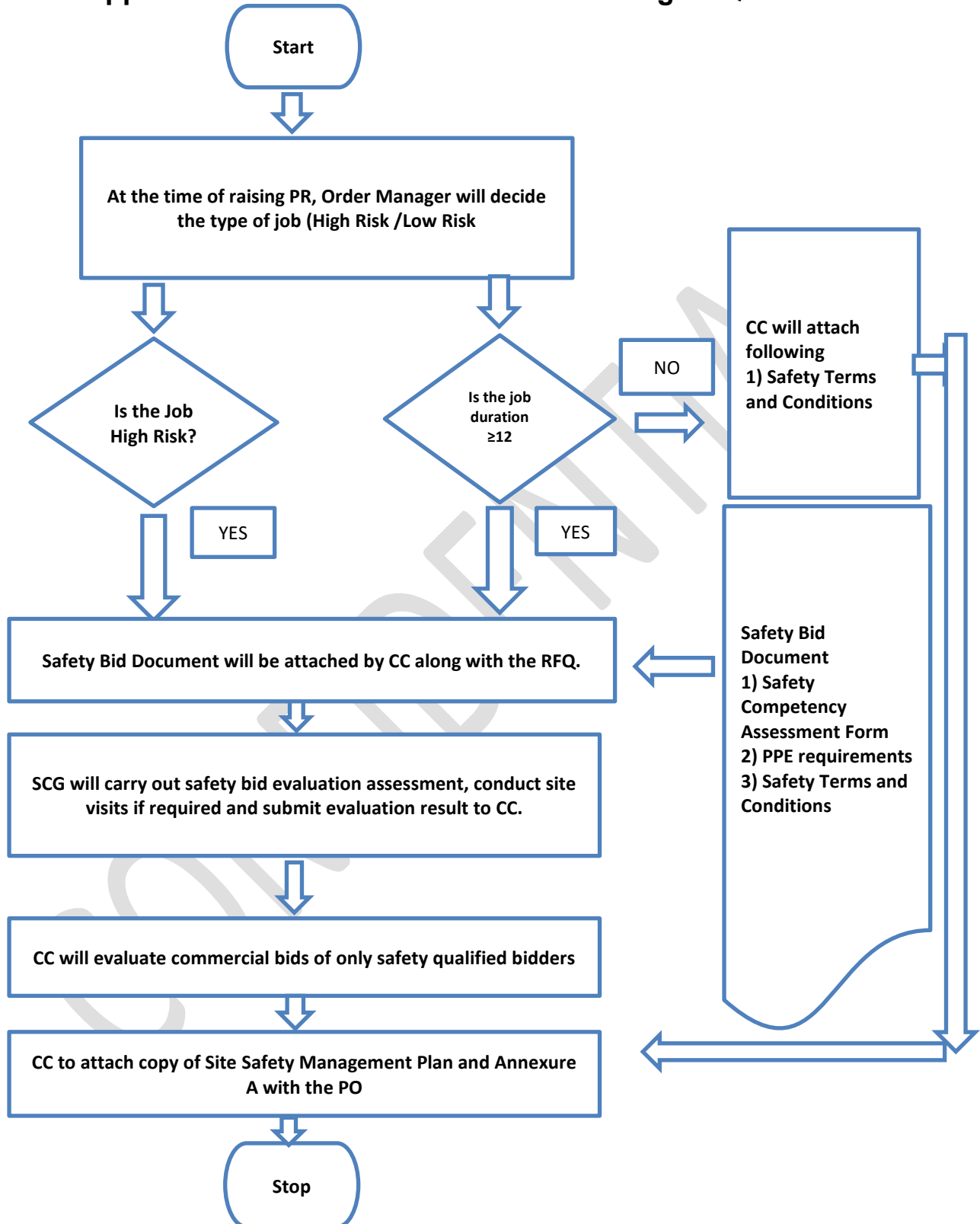


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103.	Serious Violation of House Keeping (after 1st or 2nd warning to be decided by Project Manager depending on the severity)	5	Rs.10000/- and above
104.	Repeat Violation of same nature	5	5 X Penalty for Violation
105.	Appointment of subcontractor without his Safety Bid Evaluation and/or without the permission of engineer in charge or Order manager.	5	5% of Contract Value

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## Appendix 6: Process Flow Chart for issuing RFQ and PO





## Appendix 7: CSM-F-7 Safety Competency Form (Template)

Name of the Vendor/Bidder : -

Name of the Sub Vendor (If job is given to Sub Vendor) : -

Description of the Job : -

Request for Quotation (RFQ) No. :-

Vendor/Bidder to mandatorily provide the below safety competency related information.

### 1. Proposed Manpower Deployment Schedule: -

Category of Manpower Deployed	Minimum Qualification & Experience	Proposed Numbers against each category month-wise			
		Month 1	Month 2	...	Month n
Project Manager					
Site-In-Charge (Site Manager)					
Shift-in-Charge					
Safety Officers					
Supervisors					
Technicians					
a.....					
b.....					
Highly Skilled Workmen					
a.....					
b.....					
Skilled Workmen					
Semi-Skilled Workmen					
Unskilled Workmen					
<b>Total Manpower</b>					

#### Instructions to Bidder to fill:

- Bidder to provide the overall site manpower deployment schedule as above.
- Bidder to indicate (through colour code mentioned below ) their direct and sub-contracted employees  
Direct bidder employee  
Partly Direct / Partly sub-contracted  
Sub-Contracted
- Against each of the category, bidder to indicate the minimum qualification and experience of the proposed manpower.
- Rows can be added to also identify other specialised manpower e.g. specific details to be included for high risk activities operators
- Columns can be extended to the actual duration of Site activities.
- Bidder to note that if operations is in shifts, then Shift-in-charge / safety officers are required for each shift of operation.

### 2. List of Tools, Tackles, Machines and Equipment: -

Bidder/ Vendor to provide the list of tools, tackles, equipment **to be used during the job / project execution**. Bidder/Vendor to ensure that all the lifting tools and tackles, pressure vessels are duly certified by the competent person authorised by the Chief Inspector of Factories of the respective state prior to start of the job

Sr. No.	Description of Tools / Tackles	Capacity / Rating	Quantity	Make	Remarks
1					
2					
3					
4					
5					
6					
7					
...					

### 3. Safety Records:

Bidder to provide the details of fatalities and lost workday cases (LWDC), occurred in last three years (data to be provided for the last completed FY and preceding 2 years).

Description	Safety Data for Last 3 Years		
	Year 1 (Last FY)	Year 2	Year 3
	20__ - __	20__ - __	20__ - __
Fatalities (Nos.)			
Lost Workday Cases (Nos.)			

In case of no fatalities, LWDC during any year, the form may be filled stating NIL against the respective year. Bidders are encouraged to also submit the RCA / incident investigation reports and the learning's implemented out of the above reported incidents

### 4. Job Safety Plan/ Method Statement:

Bidder to provide / enclose a detailed Site/Job Safety Plan along with a Method statement detailing the execution philosophy (how the bidder intends to execute the Job/Project), identifying all key activities which are required to be performed by the contractor at Site. Bidder to also list down all high-risk activities and provide the Hazard Identification and Risk Assessment (HIRA) for all such high-risk activities involved in the site work.

(Use Method Statement template attached as annexure A and sample as attachment B)

## 5. Management System Certification: -

Sr.	Certification	Yes / No	If Yes, Year of Certification	If No, Next date for Certification
	ISO 9001			
	ISO 14001			
	OSHAS 18001 / ISO 45001			
	Any other (please specify.....)			

Note: Please attach certificates to support above. In case not accredited for above but applied for, application letters may be attached.

## Appendix 8: CSM-F-8 PPE requirements

The Contractor shall ensure that the following PPE of Approved standards shall be available at all time and shall be used by his employees with no exception whatsoever.

1	All contractor's employees at site	Safety Florescent Jacket (orange color), Safety helmet & safety shoes with Composite or steel toe cap
2	Workers mixing asphalt, cement, lime / concrete	Safety goggle & protective Hand gloves and footwear, Nose mask.
3	Welders / Grinders	Welding screen/goggles, safety shoes, leather hand gloves, aprons, leg guard
4	Stone breaker	Protective goggle, hearing protection, anti-vibration hand gloves and Protective clothing.
5	Electricians	Rubber hand gloves & Electrical resistant shoes.
6	Workers engaged in insulation using glass wool etc.	Respiratory mask & leather Hand gloves, goggles.
	Workers engaged in coal handling plant, ash handling plant and working in high dust area.	Dust mask, Hand gloves, protective goggles.
7	Workers working at a height of 1.8 Meter or above.	Double lanyard full body harness, fall arrestor and safety net made of reinforced nylon fiber ropes firmly supported with steel structures

• PPE shall be conforming to BIS/DGMS/DIN specifications, in good condition and shall be comfortable to his employees, when used.

## Appendix 9: CSM- F-10 Site Safety Management Plan / Method Statement

### Site Safety Plan / Method Statement (Template)

This Method Statement describes the specific safe working methods which will be used to carry out the described work. It gives details of work procedure with control measures to counter health and safety issues related to this work. The listed content of this Method Statement can be changed/modified subjected to job scope / specifications, but task specific method statement once finalized & approved, that should not be modified during work execution without permission from the approving authority.

Project/Job Name			
Scope of work: -			
Drawing References: -			
Detail of Sub contractors involved: -			
Method Statement Prepared By: - Designation: - (e.g. Site Manager)	<u>Signature</u>		<u>Date</u>

**1.0 Introduction** (*Describe purpose of the work, give details of type and scope of work being carried out*);

**2.0 Location of Work** (*Give site address and precise location on site where work is to be carried out.* )

**3.0 Safety Document /Specific Approval Required** (*Details of any safety documents or specific approval i.e. Client specific approval required to undertake the work*)

**5.0 Role & Responsibilities of Personnel/Parties Involved in activities:** -Clearly define role and responsibilities of all personnel involved in activity i.e. Site management staff including subcontractors' parties- Main contractor Project/Site Manager, Sub Contractor Site Manager, Project Engineer, Safety officer, Competent Supervisory Staff)

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**6.0 Working/Activity Description:** - It is important that all operatives should have clear idea of those operational sequences and responsible supervisor must verify their competency prior to their engagement in operation.

## 6.1 Pre-Working Checks

**6.2 Resources (Equipment, tools including manpower) Details** *i.e. Equipment and Tools, specific operational equipment, test kits, lifting resources, Details of materials to be used in operation, including any reference to COSHH assessments in case of use of any chemicals, Details of the manpower allocated to the task, e.g. titles, qualifications, competences, direct manpower, contractors. Details of plant, tools and equipment to be used for the work, including the availability of relevant statutory documents, checks or inspections etc. Details of fencing, barriers, cones, chains, dangers notices, warning signs etc.*

### Tools required for work:

Sr.No	Tools /Equipment /Machine	UOM	Required Qty.	Remark
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

**6.4 Operational Sequence of work:** - *Full description of the work, setting out the methodology in a sequential manner, including any reference to any identified operational restraints. Also refer here sec. 5.0 responsibilities part for every step of work sequence).*








Sr.No	Activity	Details of job sequence	Risk Involved	Control Checks
1.				
2.				
3				
4				
5.				

**6.7 Final Checks & restoration of work area after completion of work :-** *Those checks to be carried out by responsible supervisor in witness of his line hierarchy by use of specific checklist of certain operational checks and once those completed satisfactory, PTW (if applicable) to be closed and isolation arrangements to be restored by removing barricades/cautionary tags.*

**7.0 Task Specific Hazards: -** *Refer to Task Specific Risk Assessment and attach in appendix*

**Attachment: - Specific Risk Assessment**

**In addition, please provide below control measures in risk assessment (as applicable).**

<b>Fall Protection Measures: (Where Work at height cannot be avoided)</b>	
<b>Control Measures for Electrical Hazards</b>	
<b>Others Hazard if any (please provide details)</b>	
<b>Hazardous Substances to be used in job :</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Acute Toxic         </div> <div style="text-align: center;">  Health Hazard         </div> <div style="text-align: center;">  Corrosive         </div> <div style="text-align: center;">  Dangerous For the environment         </div> <div style="text-align: center;">  Oxidising         </div> <div style="text-align: center;">  Highly flammable         </div> <div style="text-align: center;">  Explosives         </div> </div>



(Attach MSDS if required)	Yes /No	Yes /No	Yes /No	Yes /No	Yes /No	Yes /No	Yes /No


**7.0 Emergency Provisions:** *-Relevant operational possibility of a programme in the case of emergency situation i.e. electrical supply restoration. In addition emergency response provisions i.e. first aiders, fire fighting, and first aid arrangements, nearest onsite/offsite emergency response also to be considered during emergency planning.*

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**8.0 "5S issues" / Waste Disposal/ Housekeeping and Environmental issues:** *-Details waste disposal processes and or housekeeping activities, Details of environmental impacts and control measures.*

## 9.0 Personal Protective Equipment (PPE):- (*Tick on PPE requirements for the task/Job*)

## 10.0 First Aid facilities and Nearby Hospitals Details

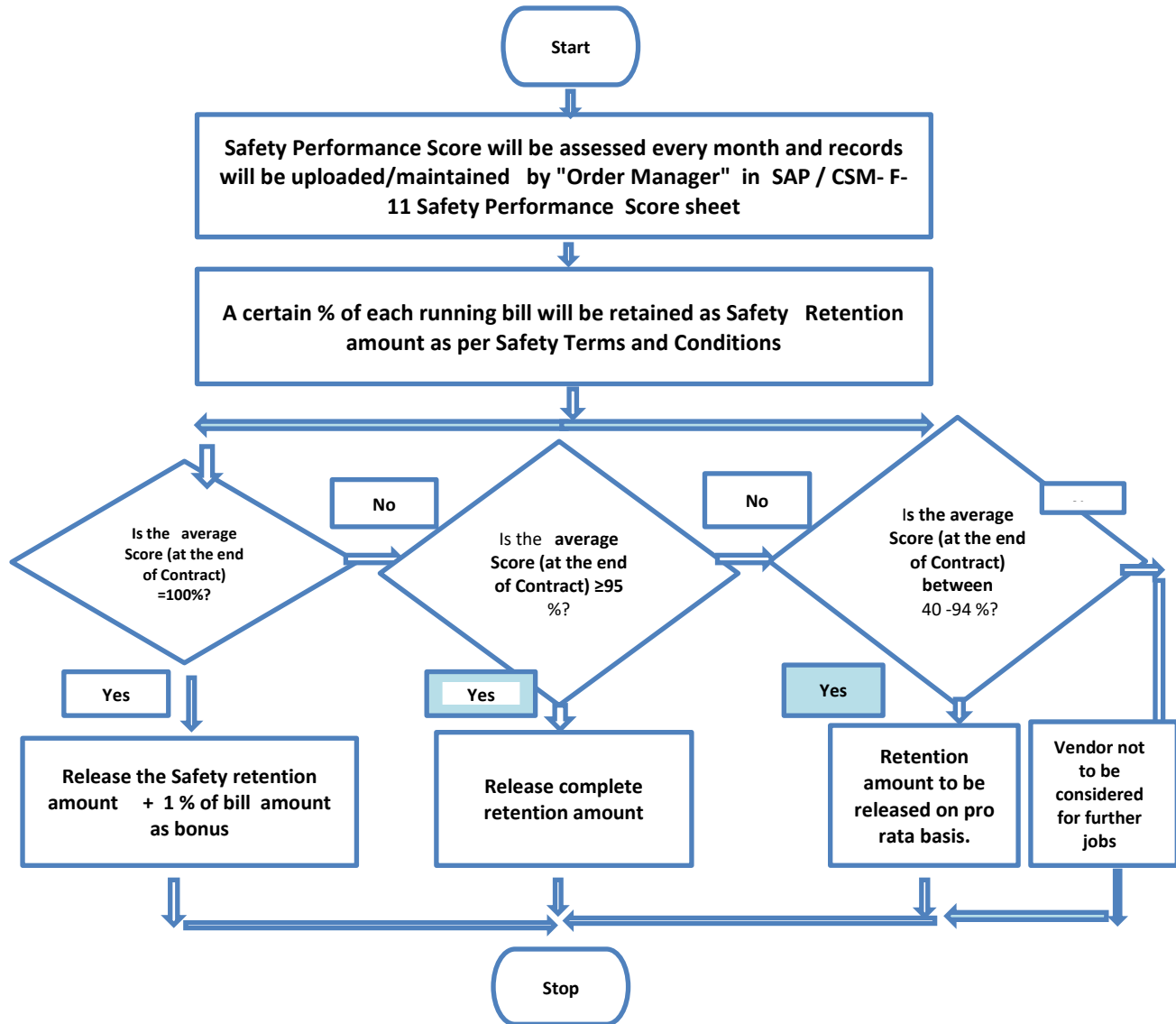
 <b>First Aid</b> <b>First Aid Facilities:</b>	Name of On-Site First Aider:	
	First Aid Box Location:	
	Location of Nearest Hospital:	

## 11.0 Occupational Health, Fitness and COVID-19 related Preparedness:

1. Please give a brief writeup / methodology of your organization planned to avoid impact of the COVID-19 pandemic at Tata Power working site.
2. Please give brief details of occupational health and hygiene related interventions planned by your organisation to ensure good health and fitness of workforce at Tata Power site.

Required Personnel Protective Equipment:							Other: 1. Hi-Viz 2. Coveralls 3.
	Safety Boots	Hard Hats	Safety Gloves	Hearing Protection	Eye Protection	Respiratory Protection	

## Appendix 10: Process Flow Chart for Safety Performance Evaluation



## Appendix 11: CSM- F-11 Safety Performance Score

S. No	Parameter	Unit of Measurement	Target	Weight age	Actual Performance	Actual Score
<b>Lead Indicator</b>						
1	% of Employee certified in TPSDI/Authorized agency	Number	50%	10		
2	CFSA score (Annexure 6.1)	Average Severity of Violations	1.49	20		
3	Monthly inspection completed for Critical Equipment, lifting Tools & Tackles and hand tools used at site	Number	80%	10		
4	Condition of critical tools, tackles and equipment	Number	100%	10		
<b>Lag Indicator</b>						
1	Number of Fatalities	No	0	30		
2	Number of Lost workday case (LWDC) (reportable)	No	0	10		
3	Man-days Lost	Man-days	0	10		
					<b>Final Score</b>	
					<b>Invoice Value</b>	
					<b>Amount to be released</b>	



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## Safety Performance Evaluation Criteria

### Lead Indicators

	<b>Target</b>				
% of Employee certified in TPSDI/Authorized agency	50%	100%	Less than 100%		
Score		10	5		
	<b>Target</b>				
CFSA score	<=1.49		1.5 to 2.5	2.51 to 3.5	>=3.51
Score	20		15	10	0
	<b>Target</b>				
Monthly inspection completed for Critical Equipment, lifting Tools & Tackles and hand tools used at site	>=80%		79 to 50%		<50%
Score	10		7		0
	<b>Target</b>				
Condition of critical tools, tackles and equipment	100%		<100%		
Score	10		0		

### Lag Indicators

Number of Fatalities	0	>0	
Score	30		0
Number of LWDC (reportable)	0	>0	
Score	10		0
Number of man days lost	0	1 to 5	>5
Score	10	5	0

## Appendix 12: CSM-F-5 Safety Potential Evaluation Criteria for Vendor Registration

At the time of vendor registration, vendor will be registered under 3 categories

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- 1) **Category A-** Vendors eligible to carry out High risk Jobs
- 2) **Category B-** Vendors eligible to carry out technical jobs that are low risk
- 3) **Category C-** Vendors eligible to carry out administrative and office jobs
- 4) **Category D-** Outsourced Jobs / Consultants /Medical Practitioners / Suppliers etc

For vendors to be registered under **Category A**, a safety potential evaluation will be carried out based on following parameters.

Sr. No	Description	Weight age (%)	Actual Score	Remarks
1	Does the contractor have a valid ISO 45001/ OHSAS 18001/ Certification?	30		
2	During site visit check for safety adequacy at site	30		Annexure - 12.1
3	Check the Safety statistics of Contractor	10		Annexure - 12.2
4	Check the Safety orientation & training process of Contractor	15		Annexure 12.3
5	Check the organizational structure for safety professionals & engineers / supervisors.	10		Annexure - 12.4
6	Certified/skilled workers as a percentage of overall workforce	5		
	Total	100		

#### **Evaluation Criteria for Category B**

Sr. No	Description	Weight age (%)	Actual Score	Remarks
1	Does the contractor have a valid ISO 9001 certification?	30		
2	During site visit check for safety adequacy at site	30		Annexure -12.1
3	Check the Safety statistics of Contractor	10		Annexure -12.2
4	Check the Safety orientation & training process of Contractor	15		Annexure -12.3
5	Check the organizational structure for safety professionals & engineers / supervisors.	10		Annexure -12.4

6	Certified/skilled workers as a percentage of overall workforce	5		
	Total	100		

## Evaluation Criteria for Category C

Sr. No	Description	Weight age (%)	Actual Score	Remarks
1	Does the contractor have a valid ISO 9001 certification?	40		
2	Check the Safety statistics of Contractor	40		Annexure - 12.2
3	Check the Safety orientation & training process of Contractor	20		Annexure - 12.3
	<b>Total</b>	100		

## Annexure 12.1: Evaluation Criteria for Category D:

Category D does not require any evaluation as it is for outsourced job outside the Tata Power company premise.

## Annexure 12.2

Check List – Adequacy of Safety Statistics of Service Provider				Actual Marks obtained	Remarks
1	Check the safety statistics for last 3 years (LTIFR and LTISR)	Statistics available	Marks 5		
		Statistics not available	0		
2	Check the trend LTIFR for last 3 years	LTIFR value	Marks		
		0 to 0.2	5		
		0.21 to 0.3	2.5		
		>0.3	0		
3	Check the trend of LTISR last 3 years	LTISR value	Marks		
		0 to 2	5		
		2 to 3	2.5		
		>3	0		
4	Has there been any Prosecution/Conviction for any contravention with regard to Safety & Health provisions under the Factories Act /Electricity Act/ BOCW Act and Rules framed there under?	No Prosecution	Marks 10		
		Prosecution	0		
		To be provided in written on letter head			
	<b>Total</b>		<b>25</b>		

## Annexure 12.3



Check List – Adequacy of Safety orientation & training process of Service provider				Actual Marks obtained	
1	Records of safety trainings provided to safety officer/supervisor/workmen during last 1 year as percentage(%) of total employed by service provider	<b>Safety Officer</b>		<b>Marks</b>	
		≥80% of employees		5	
		50 to 79 % of employee		2.5	
		<50%		0	
		<b>Safety Supervisor</b>		<b>Marks</b>	
		≥80% of employees		10	
		50 to 79 % of employee		6	
		<50%		0	
		<b>Workmen</b>		<b>Marks</b>	
		≥80% of employees		10	
		50 to 79 % of employee		6	
		<50%		0	
	<b>Total</b>	<b>25</b>			

## Annexure 12.4

Check List – Adequacy of organizational structure for safety professionals & engineers / supervisors.				Actual Marks obtained
1	Check availability of number of safety officers from government recognized institute as per workforce strength.		Marks	
		1 in 50 employees	10	
		1 in 100 employee	6	
		Any other	0	
3	Check availability of qualified workforce from government recognized institute/TPSDI.		Marks	
		100% of safety officers qualified	5	
		50 – 99% of safety officers qualified	3	
		<50	0	
	Total	15		

### Appendix 13: CSM-F-9 Safety Bid Evaluation Criteria

The User has to select whether the job is high risk/ long duration at time of raising the PR.

- 1) The decision whether job is “**high risk**” or not has to be made by order manager on the basis of Risk involved (Risk Priority Number in HIRA) of the Jobs. An indicative list of high-risk jobs is attached as annexure
- 2) If a technical job is of low risk with estimated duration of the contract is 1 year or more the job should be treated as “**long duration**”.
- 3) All Safety bids will be evaluated by Safety Concurrence Group. Structure of SCG will be declared by Corporate safety. Corporate safety team will audit bid evaluation process of a few selected jobs and Quality of evaluated safety Bids.
- 4) Records of jobs sent by for Safety Bid evaluation shall be maintained by Corporate Contract team in existing tracing sheet along with other jobs.
- 5) For Safety Bid Evaluation will be based on following parameters.

		Minimum Requirement	Weight age (%)	Score Obtained
Manpower	<b>Safety Officer (1 per 500 workers)</b>	<b>Qualification-</b> Officer shall possess Advance Diploma In Industrial Safety by state technical board. <b>Experience-</b> Minimum 1-year experience in relevant field as mentioned in the job in PR.	5	
	<b>Safety Supervisor (1 per work site up to max. 50 workers)</b>	<b>Qualification-</b> Supervisor shall possess ITI/ Diploma in relevant field. <b>Experience-</b> Minimum 2-year experience in relevant field as mentioned in the job in PR. <b>Training</b> – Trained and certified by TPDSI or equivalent institute in relevant safety procedures. <b>Note:</b> On request of the contractor/Users -TPDSI should vet & certify the skilled & experienced Technician if Technical Qualification is not adequate.	5	
	<b>Technician (Skilled workers as electrician, rigger, fitter, welder, cable jointer, line men etc)</b>	<b>Experience-</b> Minimum 2 year experience in relevant field as mentioned in the job in PR. <b>Training</b> – Trained and certified by TPDSI or equivalent institute in relevant safety procedures.	5	

<b>Tools &amp; Tackles</b>	Equipment / Machines/ Tools & Tackles(lifting and shifting tools)	The list of Equipment /Machines / Tools and tackles to be used for job to be submitted by the contractor. Evaluation of the list will be carried out based on 1) Suitability as per the relevant job 2) Make and age of the tools from authorized agencies defined by the user. 3) Certification by the competent authority of respective state.	30	
<b>Safety Records</b>	Safety Records	Safety Records for last 3 years (as per vendor or as per our knowledge) – Recommendation?	15	
<b>Safety Plan</b>	HIRA/Contract Job Safety Plan	Adequacy of HIRA and Job Safety Plan with respect to relevant job. More weight age will be given to vendor for using mechanized work and advanced tools and equipment	20	
<b>Accredited Bodies certificate</b>	ISO-9001	ISO-9001	2	
	ISO-14001	ISO-14001	3	
	OHSAS 18001 ISO 45000	OHSAS 18001/ISO 45000	15	
		<b>Total Score</b>		

- 6) Vendor entitled to carry out the job only when qualified for the safety evaluation as follows:

Contractor is qualified in safety bid only if his total score is more than 70% in all category 1 jobs such as high risk/long duration.

- 7) The Corporate Contract has to ensure that the vendor provides the filled “Safety Competency Form” along with the quotation.
- 8) Corporate Contract will forward the Safety Competency Form received from the contractor to the Safety Concurrence Group for evaluation.
- 9) In case SCG wants to visit the site, the Safety Competency will be based on evaluation at the time of site visit Annexure 13.1

#### Annexure -13.1:

Checklist to be used: During site visit to check the adequacy Safety systems.			
		Observation	Score* (1-5)
1	Check the adequacy of safety policy and Safety Management system of the contractor.		
2	Does the contractor have written down safety procedures?		



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3	Check the records of Near miss, unsafe act, unsafe conditions and incidents.		
4	Check the organization setup to implement the safety systems at site (safety officer, safety supervisor)		
5	Check whether safety meeting and toolbox talk carried out regularly and records maintained or not.		
6	Is the process of incident investigation adequate or not?		
7	Verify incident reporting and recording system		
8	Check the usage of equipment/tools and tackles.		
9	Check for housekeeping at site		
10	Check the use of PPEs and general behavior of workforce towards safety		
	<b>Total Score</b>		
	<b>Site Visit Score</b>		

Score\*- rating on the scale of 1-5 to be given based on the observations on site. Score of 1 is the lowest and core of 5 is the highest.

## Appendix 14: CSM-F-11.1 CFSA Format

CONTRACTOR FIELD SAFETY AUDIT						
Project Name :						
Date:						
Description of Severity rating:			Audit Team:			
	1 = Untidy area, minor issues, sets poor example					
	2 = Restricted access, unacceptable trash, disorderly					
	3 = Rule or procedure violation, potential injury					
	4 = Unsafe condition, serious injury potential					
	5 = Immediate serious injury potential, stop activity immediately and correct		Audit Time:		10:00hrs -11:30 hrs	
			Weather:		cloudy	
	Description	Responsible	Number Personnel Observed	Violations	Remarks	Leading Indicators



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		Engineer	Contractors	Good Citizens	Violators	Number of Violations	Severity	Violations x Severity		4 & 5	PPE	Unsafe Act	Unsafe Condition
Area													
1													
	Sub Totals			0	0	0	0	0		0	0	0	0
	% of Observed People Working Safely												
	Number of Violations												
	Average Severity of Violations												
	Number of Severity 4 & 5 Violations												
	% of 4 & 5 Violations												
	Approximate Number of Workers Observed												
	Number of People on Site												
	% of Workers Observed												

## Appendix 15: Indicative List of High-Risk Jobs

To access the exhaustive list of High-risk jobs, please refer the following documents

- 1) [High Risk Jobs- Generation](#)
- 2) [High Risk Jobs- T&D](#)
- 3) [High Risk Jobs- Renewable](#)

Indicative List of High-Risk Jobs -Generation Cluster					
Sl. No.	Jobs				
1	Demolition / Painting of Chimney				
2	Survey Sounding Jobs in Sea				
3	Dredging at Coal Birth Jetty				
4	Maintenance / Testing and Replacement of Extra High Voltage (132 KV etc.) Switchyard equipment				
5	Maintenance of EOT Cranes				
6	Deep excavation (5 feet or more) near existing buildings /Structure s				
7	Working inside confined spaces (entry through manhole)				
8	Operation Maintenance of elevators				
9	Working on Live control Circuits for identification of faults				
10	Cable laying and termination Jobs				

Indicative List of High-Risk Jobs - T&D Cluster					
Sl. No.	Jobs				
1	Transmission Line Tower Erection on columns, near live lines, In congested areas, In creeks, In the Sea				
2	Conductor Stringing on Tower Using Tensioner & Puller in the area such as Line Crossing, Near Live lines, Congested Areas, Road Crossing, Bridge Crossing, Railway line Crossing, In creeks ,In the Sea				
3	Cable Pulling by Using winch Machine in City and Rural Areas				
4	Hot Washing of HT and Extra HT lines, Towers and switchyards equipment				
5	Installation of Lifts				
6	Installation of EOT Cranes				
7	Tower Dismantling				
8	Working on H Frame /Pole mounted Transformers				
9	Excavation in operational Area heaving power cables in receiving station				
10	Identification and spiking of cable / disconnection of cables from poles				

## Indicative List of High-Risk Jobs - Renewable Cluster

Sl. No.	Jobs					
1	Working on Electrical Panels					
2	Hi Potting of Equipment					
3	Battery commissioning and maintenance					
4	Working on the nasal of Wind Turbine					
5	Working on live electrical switchyard, material Handling and Equipment installation					
6	Roof Top Solar Panels Installation and maintenance					
7	Working in live Electrical Switchyard, Material Handling, equipment installation					
8	All maintenance activities that requires climbing on Towers /Structures / Transformer/ GODs					
9	Loading and Unloading of Solar Panels on trucks					
10	Structural Repair /Dismantling work at height.					





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**ANNEXURE X**  
**TATA CODE OF CONDUCT**


The Owner abides by the Tata Code of Conduct in all its dealing with stake holders and the same shall be binding on the Owner and the Contractor for dealings under this Order/ Contract. A copy of the Tata Code of Conduct is available a tour website:

**<https://www.tatapower.com/pdf/aboutus/Tata-Code-of-Conduct.pdf>**

The Contractor is requested to bring any concerns regarding this to the notice of our COO e-mail ID: Dushyant Kumar Tyagi <dk.tyagi@tpcentralodisha.com>

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## ANNEXURE XI ENVIRONMENT & SUSTAINABILITY POLICY



TP CENTRAL ODISHA  
DISTRIBUTION LIMITED  
(A Joint Venture of Tata Power and Government of Odisha)



### Integrated Management System Policy

**Quality, Safety, Occupational Health, Environment**

We at TP Central Odisha Distribution Limited are committed to deliver world class service and reliable power through an energised workforce leading to ever increasing satisfaction of its customers, environmental protection and safe and healthy working condition.

**This will be achieved by:**

- Complying with all the requirements of ISO-9001, ISO-14001 and ISO-45001 management system standards through engaged workforce
- Complying with applicable Legal requirements
- Continually improving Quality, Environment and Occupational Health & Safety Performance
- Ensuring Environmental protection through Prevention of Pollution
- Conservation of Natural Resources
- Creating a work environment which encourages team work, safe work practices, learning and innovation
- Providing safe and healthy conditions that prevents work related injury and illness
- Eliminating hazards and reducing OH&S Risk
- Ensuring participation and consultation of workers

This policy will be made available to interested parties.

Date: 1<sup>st</sup> June, 2023



**Arvind Singh**  
Chief Executive Officer



## 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

**TATA POWER**  
Lighting up Lives!

