



TP CENTRAL ODISHA DISTRIBUTION LIMITED
(A Tata Power & Odisha Govt. joint venture)
2nd Floor, IDCO Tower, Janpath Bhubaneswar, Odisha 751022

INFORMATION TO THE BIDDERS TO PARTICIPATE IN E-TENDER SYSTEM OF TPCODL

-: Steps for E-tender submission: -

Step 1:

The bidder can get primary information about the tender from the NEWSPAPER advertisement / TPCODL website (in case of open tender) / invitation through e-mail (in case of limited tenders)

Step 2:

First, the prospective Bidder who intends to participate in an open tender should deposit the requisite tender fee as mentioned in the tender document through NEFT/ RTGS in the a/c of TPCODL as mentioned in the tender document. Deposit of the Tender fee should be made within the scheduled time for such deposit as indicated in the Tender document.

Step 3:

After deposit of the tender fee, the bidder should furnish the following information through e-mail to the contact person indicated in the tender document.

| SI No | Description | Bidder's Response |
|-------|---|-------------------|
| 1 | Tender Enquiry No. | |
| 2 | Description of materials / Works Tendered | |
| 3 | Name of the bidding company | |
| 4 | Place & Detail Address of the Company | |
| 5 | Postal Code (PIN Code) | |
| 6 | Name of the authorized contact person of the Bidder | |
| 7 | Contact No./Mobile No. authorized person | |
| 8 | E-mail Id of the contact person | |
| 9 | Tender Fee details (Bank Name / Amount / NEFT-RTGS UTR No / Date) | |
| 10 | GST No. | |

Step 4:

After receipt of the above information through e-mail, Vendor will get an **invitation e-mail** from ARIBA System, which is the e-tendering platform of TPCODL. In this mail, there will be an online link as **Click Here** to participate in the tender.

Step 5:

Click "**Click Here**" to access this event.



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Step 6:

If you are bidding first time for TPCODL through ARIBA site, then please "Sign UP by creating User Name and password as mentioned in Sign Up page. Please follow the process, as mentioned in the Sign Up page, during creation of User Name and password. Those who are already having User Name and password for accessing TPCODL events, they can LOGIN using same User Name and password.

Step 7:

Click Continue. The simple one-page registration screen will open for first time user. **All * mark mandatory field to be filled in.**

Step 8:

You will be able to see the RFQ (i.e. Detail Tender document).

Step 9:

After review and downloading of all documents click on "**Accept Review Pre-requisites**", i.e. acceptance of terms and conditions.

Step 10:

Review and accept "**Bidder Agreement**".

Step 11:

You can see attached tender document in PDF format against clause no 1.1.1 (Introduction).

Step 12:

Vendor has to attach PDF version of technical bid in clause no. 2.1 and 2.2. **(In this field, do not attach any price document.)**

Step 13:

Uploading of Price Bid

- (a) Price schedule is attached in envelope.3.1 of ARIBA. Same has to be downloaded and price and tax details to be filled in as per the format given, print to be taken in vendor's letter head and signature and seal to be made by authorized person. PDF version of this price bid to be attached. For Price Bid put all the unit price, taxes, and duties in provided field. Put "0" (ZERO) in not applicable field.
- (b) In addition, the bidder has to upload the editable form of the price bid in EXCEL format in envelope 3.2 of ARIBA system.

Step 14:

After uploading successfully Techno commercial offer and price part then click on "**Submit Entire Response**"

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

<https://service.ariba.com/Sourcing.aw/124997008/aw?awh=r&awssk=oxt0s1BN&dard=1>



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OPEN TENDER NOTIFICATION

FOR

**CCTV Security Solution Implementation and Maintenance
AT TPCODL, ODISHA**

Tender Enquiry No.: TPCODL/P&S/1000000155/2021-22

Due Date for Bid Submission: 05.01.2022, 17:00 Hours

**TP Central Odisha Distribution Limited
(A TATA Power and Odisha Government Joint Venture)
Procurement & Stores Department,
2nd Floor, IDCO Towers, Janpath, Bhubaneswar – 751022**



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1. Event Information

1.1. Scope of work

Open Tenders are invited through E-Tender Bidding Process from interested Bidders for entering into a firm purchase order as defined below:

| S. No. | Description | EMD Amount (Rs.) | Tender Fee (Rs.) |
|--------|--|------------------|------------------|
| 1 | CCTV Security Solution implementation and maintenance in Choudwar and Bhubaneswar Store | 50,000 | 5,000 |

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

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

1.2. Availability of Tender Documents

Non-transferable tender documents may be purchased by interested eligible bidders from address given below, on submission of written application to the under mentioned and upon payment of non-refundable Tender Fee.

Chief (Procurement & Stores)

TP Central Odisha Distribution Limited
2nd Floor, IDCO Towers, Janpath, Bhubaneswar – 751022

1.3. Calendar of Events

| | | |
|-----|--|---------------------------------|
| (a) | Date of sale/ availability of tender documents from TPCODL Website | From 16.12.2021 onwards |
| (b) | Last date and time of Payment of Tender Fee | 23.12.2021; 17.00 Hours |
| (c) | Date and Time of Pre-Bid Meeting | Not applicable due to COVID-19. |
| (d) | Last Date of receipt of pre-bid queries, if any | 26.12.2021; 17:00 Hours |
| (e) | Last Date of Posting Consolidated replies to all the pre-bid queries as received | 28.12.2021 17:00 Hours |
| (f) | Last date and time of receipt of Bids | 05.01.2022 17:00 Hours |

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



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- 1.4.1 EMD of requisite value and validity
- 1.4.2 Tender Fee in case the tender is downloaded from website
- 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')

Please note that in absence of any of the above documents, the bid submitted by a 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, the Bidders shall set out all such deviations, 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 Criteria

- The bidder should either be an OEM for tendered equipment's or an authorized channel partner of OEM. Authorization Letter from OEM to be submitted in this regard.

- The bidder should have average annual turnover of minimum of Rs. 2 Crores in last three financial years. Copy of audited Balance Sheet and P&L Account to be submitted in this regard.



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- Bidder should have executed minimum One (1) No. project of similar scope & minimum value of 80 Lacs or minimum no. of Two (02) project of similar scope & minimum value of 40 Lacs or Three (03) orders of similar scope & minimum value of 26 Lacs, in last 3 years. Copy of work order / completion certificate to be submitted in this regard.

-Bidder should be a company registered in India with an office in Bhubaneswar, Odisha. Bidder should submit the undertaking and details of address in this regard.

“Material or its components should not be from the Countries of Origin against which Govt. of India has issued any adverse advisory

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. Evaluation Criteria

- The bids will be evaluated technically on the compliance to tender terms and conditions.
- The bids will be evaluated commercially on the overall all-inclusive lowest cost for the complete tender BOQ as calculated in Schedule of Items [Annexure I].
- Bidder has to mandatorily quote against each item of Schedule of Items [Annexure I]. Failing to do so, TPCODL may reject the bids.



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NOTE: In case of a new bidder not registered, factory inspection and evaluation may 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.

2.2 Quantity variation Clause: There will not be any guarantee on quantity of job. Job has to be carried out on as and when required basis order from TPCODL on the quantity to be specified in the order.

3. Submission of Bid Documents

3.1 Bid Submission

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

Please note all future correspondence regarding the tender, bid submission, bid submission date extension, etc. will happen only 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.

Bids shall be submitted in 4 (four) parts:

FIRST PART: "EMD" as applicable shall be submitted. *The EMD of Rs. 50,000.00 (Fifty Thousand) shall be valid for 210 days from the due date of bid submission* in the form of Bank Guarantee / Bank Draft / Bankers Pay Order (issued from a Scheduled Bank) online NEFT/ RTGS transfer favoring 'TP Central Odisha Distribution Limited' payable at Bhubaneswar. The EMD 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 Rs. 5000.00 (Rupees Five Thousand only)* 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

Note- EMD is preferred in form of Bank Guarantee and to be delivered at the following address. However, in view of present situation if Bidder is finding it difficult to make and submit



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BG for EMD amount, they can do online transfer of EMD amount in the above-mentioned Account and submit proof of the same as part of Bid Submission.
 Please note that in such case, Tender Fee and EMD should be strictly 2 separate transactions. Please note as return of EMD from Bank Account is non-standard practice the same may take more time than return of EMD BG.

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

Chief (Procurement & Stores)
TP Central Odisha Distribution Limited
2nd Floor, IDCO Towers, Janapath, Bhubaneswar- 751022

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)

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

THIRD PART (Safety Bid): Bidder shall mention the details as required in the safety bid form (As mentioned in annexure- IX). Bidder also has to submit the relevant documents for the same as required by TPCODL.

FOURTH 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

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

EMD

CCTV Security Solution Implementation and Maintenance AT TPCODL, ODISHA 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.



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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 the authority of the person signing on behalf of the Bidder shall be furnished with bid.

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

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

3.2 Contact Information

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

Communication Details:

Handling Executive for this Tender:

Name: Satya Mohanty
Contact No.: 9871234413
E-Mail ID: Satya.Mohanty@tpcentralodisha.com

General Manager (Procurement):

Name: Mr. Samarendra Patnaik
Contact No.: 7008289603
E-Mail ID: samarendra.patnaik@tpcentralodisha.com

Chief (Procurement & Stores):

Name: Mr. Pravin Kumar Jain
E-Mail ID: pravin.jain@tpcentralodisha.com



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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 elsewhere 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 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), if applicable, 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.



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- Bank Guarantee valid for 120 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/Rate Contract, or
 - b) furnish the required Performance Security Bank Guarantee

3.9 Type Tests (if applicable)

The type tests specified in TPCODL specifications should have been carried out within five years prior to the date of opening of technical bids and test reports are to be submitted along with the bids. If type tests carried out are not within the five years prior to the date of bidding, the bidder will arrange to carry out type tests specified, at his cost. The decision to accept/reject such bids rests with TPCODL

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

Bids will be opened at TPCODL Office, Bhubaneswar. All tender bids shall be opened internally by TPCODL. Presence of any bidder will not be allowed during bid opening process. Technical bid must not contain any cost information whatsoever.

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

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

4.3. Preliminary Examination of Bids/Responsiveness

TPCODL 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



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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 for any deviations 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

Price bids will be opened internally without the presence of any bidder representative. 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.

4.6. Reverse Auctions

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

5 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 3.2 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 to meet the delivery requirement or nullify award decision without assigning any reason thereof.



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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.

6 Order of Preference/Contradiction

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

1. Schedule of Items (Annexure I)
2. 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. Inspection Test Plan (Annexure VIII)
7. Acceptance Form for Participation in Reverse Auction (Annexure VI)
8. General Conditions of Contract (Annexure IX)
9. Safety Policy and safety Terms & Conditions (Annexure X)
10. Environmental & Sustainable Policy (Annexure XI)
11. Tata Code of Conduct Policy (Annexure XII)

7 Post Award Contract Administration

7.1. Special Conditions of Contract

- TPCODL appreciates and welcomes the engagement/employment of persons from SC/ST community or any other deprived section of society by their BAs.
- Performance Bank Guarantee amounting to 10% of the Annual contract value shall be submitted by the BA as per GCC for a period equivalent to contract period plus one month.
- 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.
- All the terms and conditions of TPCODL GCC shall be applicable.

7.2 Delivery Terms

As per SLA

Release Orders shall be placed against the awarded Rate Contract by TPCODL abased on the requirements arise.

7.3 Completion Period

As per SLA

7.4 Warranty Period



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As per SLA

7.5 Payment Terms

The bidder shall submit the invoices on completion of installation against each release Order basis and the payment shall be released within 30 days from the date of submission of certified bills/invoices.

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 either abide by all the ethical norms and in no form directly or indirectly be involved in unethical practice.

The Tata Code of Conduct, which emphasizes on the following, governs TPCODL work practices:

- 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 the following e-mail ID: pravin.jain@tpcentralodisha.com

8 Specification and standards

As per Annexure II



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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.



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ANNEXURE I
Schedule for Items

| SI No. | Item Description | HSN/ SAC Code | UoM | Qty | Unit Rate Excl. GST in Rs. | GST (Rs) | Unit Rate Incl. GST in Rs. | Total Price Incl. GST in Rs. |
|--------|---|---------------------|-----|-----|--|-------------|----------------------------------|---------------------------------------|
| 1 | 64 Channel Network Video Recorder with redundant power supply, 90 days of Recording | | EA | 2 | | | | |
| 2 | 2 Mega Pixel Outdoor Bullet Camera, IR upto 30 Mtr. with all accessories | | EA | 39 | | | | |
| 3 | 4 Mega Pixel PTZ Camera, IR upto 200 Mtr. With all accessories | | EA | 10 | | | | |
| 4 | ANPR Camera With all accessories | | EA | 3 | | | | |
| 5 | 43" LED Industrial: Choudwar:1 BBSR: 1 | | EA | 2 | | | | |
| 6 | PoE Switches (8 port) | | EA | 11 | | | | |
| 7 | 36U Rack | | EA | 2 | | | | |
| 8 | UPS 5 KVA / Battery Bank with 200 AH 12V capacity with 3.5 hours back up | | EA | 2 | | | | |
| 9 | Enterprise level Video Management Software: Choudwar:1 Bhubaneswar: 1 | | EA | 2 | | | | |



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| | | | | | | | | |
|-----------|--|--|----|------|--|--|--|--|
| 10 | Accessories & Installation | | | | | | | |
| 10 a | 6 Core Single Mode Arm OFC Cable | | M | 2357 | | | | |
| 10 b | CAT-6A STP Cable | | M | 1957 | | | | |
| 10 c | 4 Core 2.5 Sqmm Power Copper Cable | | M | 1436 | | | | |
| 10 d | HDPE Pipe 50mm | | M | 2380 | | | | |
| 10 e | 25" PVC Pipe | | M | 2061 | | | | |
| 10 f | Laying Through Saddling | | M | 2380 | | | | |
| 10 g | Underground cabling | | M | 2212 | | | | |
| 10 h | Outdoor Junction Box IP55 | | EA | 25 | | | | |
| 10 i | Power Accessories (MCB, Connector etc.) | | AU | 2 | | | | |
| 10 j | Network Accessories (LIU,LC-LC,RJ45 etc) | | AU | 2 | | | | |

* Unit Rate shall include cost of materials as mentioned in Scope of Work (Annexure-VII). HSN/SAC codes must be mandatorily provided wherever necessary.

Signature & Seal of the Bidder

NOTE:

- Item# 10 in the table includes all materials including Network(Cat6 Cable, RJ45, LIU, Fibre Cable, Fibre patch chord etc.), Power accessories(Power cable, MBC, Connector etc.), Conduit or Pipe(PVC,GI, HDPE etc.) as per requirement, weather proof environment friendly junction box as per requirement, Media converter etc.), Underground cabling and This also includes all active devices installation, commissioning and maintenance (Switch, NVR, Software etc.) if there is any extra item required to complete the job everything must be provided by the bidder.
- Item wise detail specifications General Technical Particulars Compliance sheet must be fully complied for Technical Qualification.
- HSN/SAC codes for respective line item must be mandatorily provided wherever applicable.
- The overall period of the rate contract shall be for a period of 1 years and prices shall be firm till the validity of contract. Release order shall be issued as per requirement of TPCODL.



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ANNEXURE-II

Technical Specifications

Item wise detail specifications

| SI # | General Technical Particulars | Compliance (Yes / No) |
|-----------|---|--------------------------|
| 1. | NVR (Network Video Recorder) | |
| 1.01 | Up to 64 channel IP camera input | |
| 1.02 | Support RAID 5 | |
| 1.03 | 2 Simultaneous video output for VGA and HDMI | |
| 1.04 | Redundant power supply module, AC100V ~ 240V, 50 ~ 60 Hz | |
| 1.05 | CMS (Central monitoring station or Central monitoring software) / Mobile Software | |
| 1.06 | AI-by-camera functions such as face detection and recognition, SMD(Smart Motion Detection) Plus, video metadata, ANPR and 3D behaviour analysis | |
| 1.07 | 4k(3840 x 2160 pixel) resolution | |
| 1.08 | ONVIF(Open Network Video Interface Forum) technology | |
| 1.09 | Motion Detection | |
| 1.10 | Record Interval: Pre-record(duration between occurrence detection and actual saving of data): 1~30 sec Post-record(after motion detection): 10~300 sec | |
| 1.11 | Alarm through Audible Warning, Email notification | |
| 1.12 | Humidity:30%–85% | |
| 1.13 | Working Temp: -10°C to +55°C with raid | |
| 1.14 | 30fps (30 distinct images each second) recording | |
| 2. | Bullet Camera | |
| 2.01 | Image Sensor: CMOS/CCD Image Sensor | |
| 2.02 | Angle of View:H:85 V:45 D:100 | |
| 2.03 | Video Compression:H.265+ (High Efficiency Video) | |
| 2.04 | Resolution: 1280 × 720 or better | |
| 2.05 | Frame Rate: 25fps or better | |
| 2.06 | Motion detection: yes | |
| 2.07 | ICR(Infrared Cut Filter): Day/Night, ICR used CMOS/CCD technology to capture image during day/night | |



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| SI # | General Technical Particulars | Compliance (Yes / No) |
|-----------|--|-----------------------|
| 2.08 | Detection: Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection | |
| 2.09 | IR: 30 mtr or more | |
| 2.10 | Temperature:-40°C to +60°C, Humidity:≤95% | |
| 2.11 | Power and PoE(Power on the camera via Ethernet cable) | |
| 2.12 | Weatherproof Standard:IP66/IP67 | |
| 2.13 | Protocols: HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS;UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF; | |
| 3. | PTZ Camera | |
| 3.01 | Image Sensor: CMOS/CCD Image Sensor | |
| 3.02 | Angle of View: H: 62.8° ~ 2.6° | |
| 3.03 | Video Compression:H.265+ | |
| 3.04 | Resolution: 1280 × 720 or better | |
| 3.05 | Frame Rate: 25fps or better | |
| 3.06 | Motion detection: yes | |
| 3.07 | ICR: Day/Night | |
| 3.08 | Detection: Abnormality detection: Motion detection, video tempering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection | |
| 3.09 | IR: 30 mtr or more | |
| 3.10 | Temperature:-40°C to +60°C, Humidity:≤95% | |
| 3.11 | Power and PoE(Power on the camera via Ethernet cable) | |
| 3.12 | Weatherproof Standard:IP66/IP67 | |
| 3.13 | Optical Zoom /Digital Zoom:25x/15x or more | |
| 3.14 | Power up Action: Auto | |
| 3.15 | Protocols:IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x, ONVIF | |
| 4. | ANPR Camera | |
| 4.01 | Sensor:1/2.8" Progressive Scan CMOS/CCD | |
| 4.02 | Min illumination:Color: 0.06 Lux, B/W: 0.006 Lux, 0 lux with IR on | |
| 4.03 | Shutter Speed:1s ~ 1/100,000s | |
| 4.04 | Lens:5-50mm | |
| 4.05 | Lens Mount/CS mount | |
| 4.06 | Auto iris (Automatic aperture adjustment) | |



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| SI # | General Technical Particulars | Compliance (Yes / No) |
|-----------|--|-----------------------|
| 4.07 | Day & Night: IR cut filter with auto switch | |
| 4.08 | WDR:Minimum 140db True WDR/HDR or better (Dynamic range of image processing either High or Wide) | |
| 4.09 | Video Compression:H.265/H.264/MJPEG | |
| 4.10 | Video Bit Rate :Up to 16 Mbps | |
| 4.11 | Audio Compression:G.711/G.722.1/G.726/MP2L2 | |
| 4.12 | Max Resolution & Image enhancement :1920 x 1080 or better HLC/3D DNR/ROI/Defog | |
| 4.13 | Frame Rate: Minimum 60fps (1920 × 1080)/(1280 × 960)/(1280 × 720) or better | |
| 4.14 | Intelligent on-board analytics: Motion detection, Region Entrance/Exit, Object removal, Tampering alarm, Network disconnect, Face Detection, Line crossing detection, Intrusion detection, | |
| 4.15 | Protocols: TCP/IP,UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS,RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP,802.1X, QoS | |
| 4.16 | Standard: ONVIF | |
| 4.17 | Communication Interface:1 RJ45 10M/100M/1000M Ethernet port, 1 RS-485 interface and 1 RS-232 interface | |
| 4.18 | Alarm:1 input, 1 output (up to DC24V 1A or AC110V 500mA) | |
| 4.19 | Video Output (-S):1Vp-p composite output (75 Ω/BNC) | |
| 4.20 | On-board storage: Built-in Micro SD/SDHC/SDXC slot, supports 32 GB or better | |
| 4.21 | Intelligent Features: Scene change detection, Sudden audio increase/decrease detection, Audio loss detection, Defocus detection | |
| 4.22 | IR Capability: Minimum 100 Mtr Internal/External | |
| 4.23 | Camera Housing: Housing with Internal/External IR Illuminator, IP66,IK10, CE, FCC rated, Built in Heater and Blower | |
| 4.24 | Operating Conditions: -20 °C – 60 °C (-22 °F – 140 °F) | |
| 4.25 | Power Supply:24 V AC ± 10%, 12 V DC ± 10%, PoE (802.3af) | |
| 5. | Display at Command and Control Center | |
| 5.01 | Size - 43" LED Display (Flat panel design) suitable for 24/7 operation or better | |
| 5.02 | LED Panel- Colour LED panel with Full HD picture quality & high contrast ratio. | |
| 5.03 | Aspect Ratio- 16 : 9 or better | |
| 5.04 | Brightness- 350 nits or better | |



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| SI # | General Technical Particulars | Compliance (Yes / No) |
|-----------|---|-----------------------|
| 5.05 | Resolution- 1920 x 1080 or better | |
| 5.06 | Input Signal & Connections- To suit the requirements of system for viewing at 1080p resolution (Client PC, Video recorder server). Required HDMI cable for connection of monitor with Client PC shall be under bidder scope. | |
| 5.07 | HDMI Ports- Required | |
| 5.08 | Indicator/ Controls- User friendly on-screen menus & front panel controls, indicators | |
| 5.09 | Input Voltage- 230 VAC +/- 10%, 50 Hz | |
| 5.10 | Operating Temperature- 0° to 40°C or better | |
| 5.11 | Operating Humidity- 10 to 80% RH (non-condensing) or better | |
| 5.12 | Mounting- Wall mount or Table mount | |
| 5.13 | Accessories- Under bidder's scope | |
| 5.14 | All required cables, connectors & interfaces for connection with client PC, mounting arrangement, software's, power supplies etc. for successful installation, commissioning of Display. No. of displays should be proposed by the bidder as per the proposed solution. | |
| 5.15 | Product brochure- To be attached with the bid | |
| 6. | L2 PoE Switch | |
| 6.01 | 8 Port L2 PoE Switch | |
| 6.02 | 6 kV surge protection on all PoE ports | |
| 6.03 | Compliant with IEEE 802.3az Energy Efficient Ethernet | |
| 6.04 | It shall have Auto Voice and Surveillance VLAN | |
| 6.05 | It shall have Management VLAN | |
| 6.06 | It shall have support DoS Attack Prevention | |
| 6.07 | It shall support 802.1p Priority Queues (4 Queues) | |
| 6.08 | It shall support Broadcast/Multicast/Unknown Unicast Storm Control | |
| 6.09 | It shall support IPv6 management | |
| 6.10 | It shall support SSL | |
| 6.11 | Operating & Storage Humidity 0% to 95% non-condensing | |
| 6.12 | Operating Temperature -5 to 50 °C (23 to 122 °F) | |
| 6.13 | Port-based Bandwidth Control (Rate Limiting) | |
| 6.14 | Queue Handling mode: WRR & Strict Mode | |
| 6.15 | SFP's 1000 BaseSX,1000BaseLX,1000BaseTX | |
| 6.16 | Storage Temperature -40 to 70 °C (-40 to 158 °F) | |



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| SI # | General Technical Particulars | Compliance (Yes / No) |
|-----------|---|-----------------------|
| 6.17 | Switch should support Flow Control: 802.3x Flow Control and HOL Blocking Prevention | |
| 6.18 | Switch Should Support Maximum Power Consumption =>145 watts | |
| 6.19 | Switch with 8-Port 10/100/1000 POE Mbps + 2-Port SFP 1000 Mbps switch. SFP From same OEM only | |
| 6.20 | The L2 Switch shall have power saving feature which can automatically powers down ports that have no link or link partner. | |
| 6.21 | The L2 Switch should have minimum 130 watts (30 watts max. per PoE port) of Power Budget | |
| 6.22 | The L2 Switch Should support PoE Standard 802.3af & 802.3at | |
| 6.23 | The LAN switch shall have IEEE 802.1Q VLAN encapsulation. VLAN Group: Supports 128 static VLAN groups and Max. 4094 VIDs | |
| 6.24 | The LAN switch shall support Traffic Segmentation | |
| 6.25 | The Switch shall have Min 14.88 million pps or higher | |
| 6.26 | The Switch shall have Min. 20 Gbps Back plane or higher | |
| 6.27 | The Switch shall support Min. 16K Mac address | |
| 6.28 | The Switch should have IGMP Snooping v1,v2 and MLD Snooping | |
| 6.29 | The Switch should have Port Mirroring One to one/Many to One | |
| 6.30 | The Switch should have Spanning tree 802.1d, 802.1w, Support Loopback Detection and G.8032 ERPS | |
| 6.31 | The Switch should Support 802.3ad Link Aggregation: 5 groups per device and 8 ports per group | |
| 6.32 | The Switch Should support Jumbo Frame (up to 9216 Bytes) | |
| 6.33 | Must be industrial grade | |
| 7. | 36U Rack for Command and Control Center (C&CC) | |
| 7.01 | Enclosure; The enclosure shall be suitable for mounting in standard racks with a closed cabinet with perforated glass door. | |
| 7.02 | Height;36U (Usable) | |
| 7.03 | Rail; Adjustable | |
| 7.04 | FAN Unit;2 Nos. or more working is exhaust mode (230 VAC) required | |
| 7.05 | Front Door; Fully single lockable glass door | |
| 7.06 | Rear Door; Split perforated door with minimum 70% opening for better air movement across the Rack | |
| 7.07 | Side Panels; Perforated steel panels | |



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| SI # | General Technical Particulars | Compliance (Yes / No) |
|------------|--|-----------------------|
| 7.08 | Top & Bottom Covers; Bolted to main frame with cable entry/exit holes | |
| 7.09 | Floor Placement; Castors and levelling legs | |
| 7.10 | Wiring Rail; Required for holding of Network and power cables | |
| 7.11 | Max load rating;500 Kg or above | |
| 7.12 | Power Distribution Board; Required with minimum 6 nos. Indian style power connectors (2 No.) | |
| 8.0 | UPS | |
| 8.01 | Capacity:5000 VA | |
| 8.02 | Service :Continuous | |
| 8.03 | Waveform: sine wave | |
| 8.04 | Input Voltage:230V AC | |
| 8.05 | Input Connection: Indian 3 Pin 6A. Power cable to be provided (min. 1.2 meter) | |
| 8.06 | Output Voltage on Mains & Battery:230V | |
| 8.07 | Output Frequency with battery:50Hz \pm 5% | |
| 8.08 | Output Ports: (1) India 3-pin 6A (Surge Protection)/Terminals, (2) India 3-pin 6A (Battery Backup) /Terminals | |
| 8.09 | Operating Temperature:0 - 40 °C or better | |
| 8.10 | Operating Humidity:0 - 90% Non-Condensing or better | |
| 8.11 | Battery: Internal/External:(Supply of suitable, industry standard stand for installation) | |
| 8.12 | Battery Type: Sealed maintenance free and leak- proof | |
| 8.13 | Battery Backup:30 Minutes at full load or better | |
| 8.14 | Charger: Built in | |
| 8.15 | Indicators & Audible Alarm: I) Online II) On Battery III) Low Battery IV) Overload | |
| 8.16 | Accessories: All required cables, connectors & interfaces, mounting arrangement etc. for successful installation, commissioning of UPS | |
| 8.17 | Product brochure: To be attached with the offer | |
| 8.18 | Service :Continuous | |

10. Installation and Accessories

a. 6 Core Single Mode Armored OFC Cable



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| 6 Core Single Mode Armored OFC Cable | Compliance (Yes / No) |
|---|--------------------------|
| Application: Outdoor | |
| Number of Loose Tubes: 1 | |
| Number of Core: 6 | |
| Moisture Barrier: Loose Tube, Water Swell able Yarn | |
| Fibre Type: Single Mode | |
| Max Attenuation @ 1310nm (dB/km): ≤ 0.38 dB/km or better | |
| Max Attenuation @ 1550nm: ≤ 0.25 dB/km or better | |
| Loose Tube ID/OD : $2.2/3.2 \pm 0.1$ mm | |
| Inner Sheath I: 0.8 mm (Nominal) | |
| Inner Sheath II: 0.5 mm (Nominal) | |
| Outer Sheath: 1.0 mm (Nominal) | |
| Operating Temperature: -30 °C to + 70°C | |
| Applicable Fibre specification: ITU-T G.652.D | |

b. CAT-6A STP Cable

| CAT-6A STP Cable | Compliance (Yes / No) |
|--|--------------------------|
| Ethernet LAN cable, full copper, 23 AWG, 4 pair with PVC gridding, armored & coating for outdoor industrial use. | |
| Bending Radius: $< 8 \times$ Cable Diameter at $-20^{\circ}\text{C} \pm 1^{\circ}\text{C}$ | |
| Pulling Force: 11.5Kgs | |
| Temperature Range: -20° to $+70^{\circ}\text{C}$ | |
| Compatible with all common systems according to TIA/EIA 568.C.2 | |

c. Power Copper Cable

| Power Copper Cable | Compliance (Yes / No) |
|---|--------------------------|
| Type: 1.1 KV grade LT XLPE insulated, 2XWY, extruded PVC inner sheathed, galvanised round wire armoured as per IS 7098/I (latest edition), suitable for direct laying in underground trenches | |
| No of cores: 3 (three) | |
| Conductor size: 1.5 mm ² , stranded with standard annealed electrolytic copper conductor. | |
| Colour code: Red, Black and Green or OEM specified | |



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| | |
|--|--|
| Insulation: XLPE as per IS 7098 I/88 latest Nominal thickness 0.7 mm | |
| Inner Sheath: Extruded PVC type Minimum thickness 0.3 mm | |
| Armouring: Galvanised Steel Wire, Nominal OD of each wire: 1.4+/-0.06 mm | |
| Outer Sheath: Extruded PVC type ST-2 (FRLS) Minimum thickness 1.24 mm | |

d. HDPE Pipe 50mm

| HDPE Pipe 50mm | Compliance (Yes / No) |
|---------------------------------|--------------------------|
| Application :- Outdoor | |
| Flexural Modulus | |
| Temperature Range: -10°to +70°C | |
| Should support site conditions. | |

e. 25" PVC Pipe

| 25" PVC Pipe | Compliance (Yes / No) |
|---------------------------------|--------------------------|
| Application :- Outdoor | |
| Temperature Range: -10°to +70°C | |
| Flammability: above 250° C | |
| Should support site conditions. | |

f. Laying Through Saddling

| Laying Through Saddling | Compliance (Yes / No) |
|---|--------------------------|
| GI saddle with base and actual fitting size | |
| Should support site conditions. | |

g. Underground cabling

| Underground cabling | Compliance (Yes / No) |
|---|--------------------------|
| Minimum 1.5 feet depth and via pipe covering and protection jointers. | |
| Should support site conditions. | |



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h. Outdoor Junction Box IP55

| | Compliance (Yes / No) |
|---|----------------------------------|
| Protection Class: IP-55 | |
| Size: JB must be of appropriate size to house different components as per CCTV system design confirming to tender specifications. | |
| Power & Earthing: The junction box shall be provided with external earthing lugs 5 socket Power termination with MCB or More | |
| Erection: Proper/Steady fixing along with Pole | |

i. Power Accessories (MCB, Connector etc.)

| Power Accessories (MCB, Connector etc.) | Compliance (Yes / No) |
|--|----------------------------------|
| ISI marked industrial grade with minimum warranty from OEM as per the tender requirement like all other materials. | |
| MCB and Connector must be as per the solution and site condition. | |

j. Network Accessories (LIU, LC-LC etc.)

| Network Accessories (LIU, LC-LC etc.) | Compliance (Yes / No) |
|---|----------------------------------|
| LIU should be minimum of 12 Core and must be compatible with the Solution. | |
| LC-LC must be compatible with solution; length and quantity should be as required for the solution. | |



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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, the Bidders shall set out all such deviations from this tender document, 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:



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ANNEXURE IV

Schedule of Commercial Specifications

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

| S. No. | Particulars | Remarks |
|--------|---|---|
| 1. | Prices firm or subject to variation (If variable indicate the price variation clause with the ceiling if applicable) | Firm / Variable |
| 1a. | If variable price variation on clause given | Yes / No |
| 1b. | Ceiling | ----- % |
| 1c. | Inclusive of GST | Yes / No (If Yes, indicate % rate) |
| 1d. | Inclusive of transit insurance | Yes / No |
| 2. | Delivery | Weeks / months |
| 3. | Guarantee clause acceptable | Yes / No |
| 4. | Terms of payment acceptable | Yes / No |
| 5. | Performance Bank Guarantee acceptable | Yes / No |
| 6. | Liquidated damages clause acceptable | Yes / No |
| 7. | Validity (90 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:



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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 if applicable | |
| 16 | Client Testimonial/Performance Certificates if applicable | |
| 17 | Credit rating/solvency certificate if applicable | |
| 18 | Undertaking regarding non blacklisting (On company letter head) | |
| 19 | List of trained/untrained Manpower | |
| 20 | Drawings/Documents mentioned in Sr no. 18 of the specification | |

Seal of the Bidder:

Signature:

Name



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ANNEXURE VI

ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT

(To be signed and stamped by the bidder)

In a bid to make our entire procurement process fairer and more 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 / SERVICE LEVEL AGREEMENT

SCOPE OF WORK

TP Central Odisha Distribution Limited has leveraged the power of Information Technology to provide best in class services to consumers, earn consumer delight, and improve satisfaction among other stakeholders. IT systems have been implemented to provide end-to-end solutions for important business functions viz. Commercial, Operations, Finance, HR and Administration etc.

To enable employees to effectively work there is a need of deploy CCTV security solution on Choudwar store and Bhubaneswar Store. BA should be responsible for end-to-end implementation and maintenance of the solution in both the store. IP based camera and NVR must be operate over the internet. If there is any new camera in any location which is reachable to NVR must be registered to the to NVR. Detail Scope of Work is as mentioned below:

- a) Prepare landscape/diagram and deliverable SoW.
- b) Mounting of the appliance in the rack.
- c) Installing the related hardware/software components and terminating the cables on network.
- d) Complete configuration of the device to integrate with network.
- e) Implement and Documentation of the same
- f) Test all the services.
- g) Provide Hands on Training for TPCODL Team.
- h) Vendor should complete the project as per the agreed time.
- i) BA should ensure installation of devices in the below locations and additional locations (if required) within TPCODL jurisdiction as per request from the TPCODL concerned authority.
- j) BA should ensure to provide any and all requirements to communicate the existing infrastructure with all proposed solutions.
- k) **Site Survey:** The bidders are advised to visit the above mentioned sites before quoting bid in the tender, Physical survey on the stores and do the due diligence of the requirement.
- l) The details of components for installation of CCTV surveillance system for which minimum technical specifications have been mentioned in Technical Specifications are given below:
- m) IP based Bullet Camera
- n) IP based PTZ Camera
- o) IP based ANPR Camera
- p) Network Video Management Software (NVMS)
- q) **Control Room IT Infrastructure: -**
 - a. Server – Network Video Management Server
 - b. Storage – Video Management Storage HDD with RAID 5 support
 - c. Desktop – Video Management Client Access Desktop
 - d. Online UPS for Cameras and server with minimum 3.5 hours back up
 - e. Display – LED Display of 43”
- r) Active Network Components:
 - a. PoE Switch
- s) Passive Network Components:
 - a. LIU, Fibre patch chord, CAT6 etc
 - b. Power Accessories



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- t) **LLD:** Low-level diagram of individual store must be prepared with marking camera position with camera type.
- u) **HLD:** High-level diagram of project implementation for both the sites.
- v) Installation, testing & commissioning of all the components/ equipment's / accessories, etc. as per technical specifications, and signoff from the respective authority.
- w) Providing all-inclusive service including all spares, etc. during defect liability period
- x) Wherever the ground is dug for cable laying etc., it shall be restored to original condition
- y) Installation of Poles, Cameras, Network Switches, Servers, and other components connected to the system.
- z) Monitoring of all active devices with alert mechanisms to mail/SMS
 - aa) Poles and workstations required in this project shall be provided by TPCODL
 - bb) The successful bidder shall carry out the work strictly as per the specifications mentioned in various sections of this tender document.
 - cc) The successful bidder shall prepare installation report and project delivery report.
 - dd) Geo tagging of camera position would be part of the project execution.
 - ee) Site officer from TPCODL respective store must sign installation report.
 - ff) Respective authority must sign project delivery report.

All the passive components & services associated with them like cabling, patching, splicing and labelling in the required areas of TPCODL for associated components would be in the scope of bidder.

Any items not indicated in the schedule of items, but which are required to complete the job as per the Technical Specifications / Scope of work/ SLA mentioned in this document, shall be deemed included in price quoted. Also, installation and supply of any component/ equipment/ software to complete the project would be part of the scope.

General Requirements from Bidder

- Bidder must have support / service center at Bhubaneswar / Cuttack.
- "Material or its components should not be from the Countries of Origin against which Govt. of India has issued any adverse advisory

SERVICE LEVEL AGREEMENT:

1. Terms of Agreement

This agreement shall remain in force from the date of commencement i.e. <date> till the expiry of the warranty (including extension if any) for the device provided against this order. It shall be open to TPCODL to terminate this agreement any time during its currency by giving one-month notice to the vendor, in writing.

2. Commencement of Warranty Period

The warranty/support period will start from date of completion of installation of device i.e. from the date on which installation report is signed by TPCODL in TPCODL format.



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- a) The OEM warranty of the active/passive equipment's carries for 3 years' warranty. Vendor shall provide maintenance of the equipment's for a period 3 years as per terms and conditions laid in this document.
- b) Vendor shall be authorized channel partner of OEM. Vendor shall submit the authorization certificate form OEM along with this SLA
- c) Uptime guarantee: Uptime of the equipment's will be 99.5 %. This will be calculated on monthly basis
- d) Warranty should be from the concerned OEM reflected on their website

Warranty

TPCODL seeks warranty for the installed cable plant from the OEM equipment supplier. Bidder shall ensure that the OEM norms for supply, installation, testing and documentation as specified by the OEM supplier shall be adhered to, provided those are in line with TIA / EIA standards and TPCODL requirement specifications. The warranty shall be provided by the OEM vendor to Owner and shall be administered in India. The duration of the warranty shall be for a minimum of 3 years and shall cover the system performance, application assurance and the costs of the supply of components and installation.

CCTV Security Solution shall be implemented at the following offices / premises.

| Sl. No | Unit Type | Unit Name |
|--------|-----------|-------------------|
| 1 | Store | Choudwar Store |
| 2 | Store | Bhubaneswar Store |

Conveyance between office locations for work and Mobile phones for the service resources is the responsibility of the BA

3. Response and Resolution Time

1 Hour response and 24 Hours resolution time at field locations. Bidder / OEM's support personnel must visit the location for resolution with 24x7 support

4. Delivery Time

The devices should be delivered and installed within 10 weeks of RO date.

6. Penalty on delivery delay / Not meeting SLA

Incase uptime commitment of device (as mentioned in clause 2 (a), (c), 3, 5, 6, 7, 8)) of this SLA) is not met, the same would attract a Penalty @ 0.5% of total amount of work/ per week. The penalty money will be recovered from the payment due to vendor.



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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.



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Annexure VIII
Inspection Test Plan

Relevant features as sought for in Annexure-II shall be tested by TPCODL designated personnel in presence of the BA's Engineers for certification post installation.



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ANNEXURE IX

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1.0 ORGANIZATIONAL VALUES

The Tata Group has always been a value driven organization. These values continue to direct the Group's growth and businesses. The six core Tata Values underpinning the way we do business are:

Integrity - We must conduct our business fairly, with honesty and transparency. Everything we do must stand the test of public scrutiny.

Understanding - We must be caring, respectful, compassionate and humanitarian towards our colleagues and customers around the world and always work for the benefit of India.

Excellence - We must constantly strive to achieve the highest possible standards in our day to day work and in the quality of goods and services we provide.



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Unity - We must work cohesively with our colleagues across the group and with our customers and partners around the world to build strong relationships based on tolerance, understanding and mutual co-operation.

Responsibility - We must continue to be responsible and sensitive to the countries, communities and environments in which we work, always ensuring that what comes from the people goes back to the people many times over.

Agility - We must work in a speedy and responsive manner and be proactive and innovative in our approach.

2.0 ETHICS

In our effort towards Excellence and in Management of Business Ethics at TPCODL, an Ethics Management Team is constituted.

The main objective of the Ethics Management Team is to:

1. Record, address and allay the issues and concerns on ethics raised by different stakeholders like employees, consumers, vendors, Associates etc. by initiating immediate corrective actions.
2. Ensure proper communication of the ethics policies and guidelines through prominent displays at all offices of TPCODL and through printed declarations in all concerned documents where external stakeholders are involved.
3. Ensure proper framework of policies as preventive measures against any ethics violation recorded by them.
4. Prepare and submit MIS of all issues and concerns, corrective and preventive actions on monthly basis to the top management for their information.

All Associates and Stakeholders are requested to register any grievance on ethics violation on our website www.tpcentralodisha.com

3.0 CONTRACT PARAMETERS

3.1 Issue/Award of Contract

TPCODL awards the contract to the Associate in writing in the form of Purchase Order (PO) or Rate Contract (RC), hereafter referred as Contract, through in any or all of following modes physical handover / post / e-mail / web document / fax with all the attachments/enclosures which shall be part of the contract document.

On receipt of the contract, the associate shall return to TPCODL copy of the contract document duly signed by legally authorized representative of associate, within two days of Effective Date of Contract for contracts having contract execution time less than 30 days and within five days for all other contracts.

3.2 Contract Commencement Date

The date of issue/award of contract shall be the Effective Date of Contract or Contract Commencement date.

3.3 Contract Completion Date

The date of expiry of Guarantee Period shall be deemed as the Contract Completion Date.



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3.4 Contract Period/Time

The period from Contract Commencement Date to Contract Completion Date shall be deemed as the Contract Period/Time.

3.5 Contract Execution Completion Date

The stipulated date for completing the supply as per schedule of quantities shall be deemed as the Contract Execution Completion Date.

3.6 Contract Price /Value

The total all inclusive price/value mentioned in the PO/RC is the Contract Price/Value and is based on the quantity, unit rates and prices quoted and awarded and shall be subject to adjustment based on actual quantities supplied and accepted and certified by the authorized representative of the company unless otherwise specified in schedule of quantities or in contract documents.

3.7 Contract Document

The Contract Document shall mean and include but not limited to the following:

- NIT/Tender Enquiry, QR, Instruction to Bidders, Special Condition of Contract (SCC) of tender, GCC, Technical & Commercial Specifications including relevant annexure and attachments).
- Bids & Proposals Received from Associate including relevant annexure/attachments.
- RC/PO with agreed deviations from the tender/bid documents.
- All the Inspection and Test reports, Detailed Engineering Drawings.
- Material Dispatch Clearance Certificate (MDCC).
- Minutes of Meeting (MoM)

3.8 Contract Language

All documents, instructions, catalogues, brochures, pamphlets, design data, norms and calculations, drawings, operation, maintenance and safety manuals, reports, labels, on deliveries and any other data shall be in English Language.

The Contract documents and all correspondence between the TPCODL, Third Parties associated with the contract, and the Associate shall be in English language.

However, all signboards required indicating "Danger" and/or security at site and otherwise statutory required shall be in English, Hindi, and local languages.

3.9 Reverse Auction

NA

4.0 SCOPE OF WORK

All the activities that are to be undertaken by the Associate to realize the contractual deliverables in completeness form Scope of Work. Following clauses list, but not limited to, major requirements of the scope of work.

The associate shall satisfy himself and undertake fully the technical/commercial requirements of items to be supplied as listed in the Schedule of Quantities together with the tests to be performed /test reports to be furnished before dispatch, arrangement of stage and final inspections during manufacturing as per terms and conditions of contract, technical



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parameters & delivery terms and conditions including transit insurance to be met in order to fully meet TPCODL's requirements.

Completeness: Any supplies and services which might have not been specifically mentioned in the Contract but are necessary for the scope mentioned in Special Terms & Conditions and/or completeness of the works at the highest possible level, including any royalties, license fees & compensation to be paid, whether incurred by the associates or by a third party for the work covered in the scope, regardless of when incurred, shall be supplied/provided by the associate without any extra cost and within the time schedule for efficient, smooth and satisfactory operation and maintenance of the works at the highest possible level under Indian conditions (but according to international standards for facility of this type), unless expressly excluded from the scope of supplies and services in this Contract.

TPCODL have the right, during the performance of the Contract, to change the scope and/or technical character of the Project and/or of the supplies and services stipulated in the Contract by submitting a request in writing to the Associate. The Associate shall, within fifteen days of receipt of such request from the TPCODL, provide Purchaser with a reasonably detailed estimate of the cost of the change outlined in the request.

In the event, TPCODL requests a change, the Contract price and time shall be adjusted upwards or downwards, as the case may be and shall be mutually agreed to. The associate shall not be entitled to any extension of time unless such changes adversely affect the time schedule.

The Associate shall not proceed with the changes as requested till adjustment of contract price and time schedule where so applicable in terms of or otherwise directed by the TPCODL.

5.0 PRICES/RATES/TAXES

Unless specified elsewhere in the contract document, the prices/rates are inclusive of cost of finished product for which MDCC will be issued by TPCODL, packaging and forwarding charges, freight and transit insurance charges covering loading at Associate's works, transportation to TPCODL store/site & unloading & delivery at TPCODL stores/TPCODL site, cost of documentation including all the relevant test certificates and other supportive documents to be furnished.

The Prices/Rates are inclusive of all taxes, levies, cess and duties, particularly Goods and Services Tax as applicable. All government levy / taxes shall be paid only when the invoice is submitted according to the relevant act.

The prices/rates shall remain firm till actual completion of entire supply of goods/material/equipment as per contract is achieved and shall remain valid till the completion of the contract.

The prices shall remain unchanged irrespective of TPCODL making changes in quantum in all or any of the schedules of items of contract.

5.1 Changes in Statutory Tax Structure

If rate of any or all of the statutory taxes and duties applicable to the contract changes, such changes shall be incorporated by default if the changes occur within the contract execution



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time and shall be applicable if the contract is executed by the Associate within the Contract Execution Time.

For execution of contracts beyond contract execution time, where the delay is not attributable to TPCODL no upward revision in tax /duties shall be considered irrespective of changes in the statutory tax structure either within the contract execution time or beyond. However, in such cases, benefits due to any downward revisions in statutory tax rates shall be passed on to TPCODL.

6.0 TERMS OF PAYMENT

On delivery of the materials in good condition and certification of acceptance by TPCODL official, Associate shall submit the Bills/Invoices in original in the name of "The TP Central Odisha Distribution Limited" to invoice desk, complete with all required documents as under:

- Test Reports (4 sets).
- MDCC issued by TPCODL.
- Packing List.
- Drawing and Catalogue.
- Guarantee/Warrantee Card.
- Delivery Challan.
- O&M Manual.
- Copy of Order.
- Minutes of Meeting.

Bills/ invoices shall mention Supplier's GST Number. TPCODL will make 100% payment within 30 days of submission of the Bill/Invoice complete in all respects and along with all the requisite documents mentioned above, subject to condition that Associate has furnished the requisite Security-cum-Performance Guarantee as stipulated in the contract.

6.1 Quantity Variation

Payment will be made on the basis of actual quantity of supplies/actual measurement of works accepted by TPCODL and not on the basis of contract quantity.

6.2 Full and Final Payment

Full & Final Payment in all contracts shall be made subject to the associate submitting "No Demand Certificate" in the format as per Annexure-C.

7.0 MODE OF PAYMENT

Payment shall be made through crossed Cheque or RTGS whichever of the two modes chosen by the Associate, in favour of Associate's Bank Account on TPCODL records, on whose name Contract has been issued. Those Associates opting for the RTGS mode shall submit the details of Bank Account and other details as per annexure G. Further, for any payments made, TPCODL is not responsible for any consequences/disputes Associate have



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among the owners channel partners, sub-Associates and all such dispute/concerns shall be settled solely by the Associate.

8.0 SECURITY CUM PERFORMANCE DEPOSIT

Associates shall submit within 15 days from the effective date of issue of PO/RC, Security Performance Bank Guarantee (SPBG) in the format as per Annexure B of this document from banks acceptable to TPCODL for:

- (a) 5% of the PO value if purchase order value is more than Rs 5 Crores.
- (b) 10% of the PO value if purchase order value is less than Rs 5 Crores.

This shall remain valid till the end of the Guarantee Period of contract, plus one month.

- (c) 5% of the RC value in case of Rate Contract. This shall remain valid till the Guarantee period plus one month.

- For PO/RC values less than Rs. 5 lacs, Associate may request for deduction of amount equivalent to SPBG value from their first invoice. Such amount shall be withheld by TPCODL while processing the invoice and shall be released after completion of Guarantee Period plus one month.
- For PO/RC values less than Rs. 3 lacs, the clause (8.0) for Security cum Performance Bank Guarantee (SPBG) shall not be applicable.
- In case of RC (Rate Contract) after the expiry of RC validity, Associate shall have to submit SPBG. However, the Associate has the option to re-submit the SPBG as per actual RO (Release Order) value issued against the RC, valid for Guarantee Period plus one month. The Guarantee Period shall be considered as per the last RO issued against the said RC. The original SPBG as submitted against the RC shall be released on submission of the new SPBG to TPCODL. Alternatively, Associate may extend the validity of original SPBG only till the requisite period, i.e. guarantee Period plus one month.

9.0 STATUTORY COMPLIANCE

9.1 Compliance to Various Acts

Associate should ensure adherence to all applicable laws, rules and regulation applicable under this contract from time to time. In case of violation any risk, costs etc shall be in associates account and keep TPCODL indemnified always till completion of contracts.



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9.2 SA 8000

As TPCODL is SA 8000 compliant, it expects its Associates to follow guidelines of SA 8000:2014 on the following aspects

1. Child Labour
2. Forced or Compulsory Labour
3. Health & Safety
4. Freedom of Association & Right to Collective Bargaining
5. Discrimination
6. Disciplinary Practices
7. Working Hours
8. Remuneration
9. Management System

9.3 Affirmative Action

TPCODL appreciate and welcome the engagement/employment of persons from SC/ST community or any other deprived section of society by their business associates.

Relaxation in Contract Clauses under Affirmative Action for SC/ ST Business Associates**
TPCODL believes that inclusive growth is the key to sustainable development, and to promote the same Policy on Affirmative Action for Scheduled Caste & Scheduled Tribe Communities has been adopted across the company.

Under the same pre-text, and to promote entrepreneurship among SC/ST community TPCODL has taken initiative by proposing relaxations in contract clauses as per below:

| S. No | Initiative | for SC/ ST BA's | Guideline Document |
|-------|----------------------------|--|------------------------------|
| 1 | Tender Fees | 100% waiver for SC/ST community | All Open Tenders |
| 2 | Earnest Money Deposit | 50 % relaxation of estimated EMD value | All limited and Open Tenders |
| 3 | Performance Bank Guarantee | 50% relaxation in PBG for order value above 50 lacs else 25% relaxation | All limited and Open tenders |
| 4 | Turnover | 25% relaxation in company turnover under qualifying requirement criteria | All Open Tenders |

**Classification of BAs under SC/ST shall be governed under following guidelines:

- Proprietorship/ Single Ownership Firm: Proprietor of the firm should be from SC/ST community. Governing document shall be duly audited balance Sheet for the last FY bearing the name of proprietor.
- Partnership Firm: Only such firms shall qualify which have SC/ST partners holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Partnership Deed and audited balance sheet/ ITR for last FY.



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- Private limited company: Only such firms shall qualify which have SC/ST directors holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Memorandum of Understanding (MoU) and/or Article of Association (AoA).

Governing document shall be Memorandum of Understanding (MoU) and/or Article of Association (AoA).

Note: Certification from SC/ST commission shall be required for deciding upon SC/ST status of a person.

10.0 QUALITY

10.1 Knowledge of Requirements

The Associate shall be deemed to have carefully examined and to have knowledge of the equipment, the general and other conditions, specifications, schedules, drawings, etc. forming part of the Contract and also to have satisfied himself as to the nature and character of the work to be executed and the type of the equipment and duties required including wherever necessary of the site conditions and relevant matters and details. Any information thus procured or otherwise obtained from TPCODL/Consultants shall not in any way relieve the Associate from his responsibility and executing the works in accordance with the terms of contract.

10.2 Material/Equipment/Works Quality

The items / works under the scope of the Associate shall be of the best quality and workmanship according to the latest engineering practice and shall be manufactured from materials of best quality considering strength and durability for their best performance and, in any case, in accordance with the specifications set forth in this Contract. All material shall be new. Substitution of specified material or variation from the process of fabrication/ construction/ manufacture may be permitted but only with the prior written approval of the TPCODL.

10.3 Adherence to Rules & Regulations

The Associate shall procure and/or fabricate/erect all materials and equipment in accordance with all requirements of Central and State enactment, rules and regulations governing such work in India and at site. This shall not be construed as relieving the Associate from complying with any requirement of TPCODL as enumerated in the Contract which may be more rigid than and not contrary to the above mentioned rules, nor providing such construction as may be required by the above mentioned rules and regulations. In case of variance of the Technical Specification from the laws, ordinance, rules and regulations governing the work, the Associate shall immediately notify the same to the TPCODL. It is the sole responsibility of the Associate, however, to determine that such variance exists. Wherever required by rules and regulations, the Associate shall also obtain the statutory authorities' approval for the plant, machinery and equipment to be supplied by the Associate.

10.4 Specifications and Standards

The Associate shall follow all codes and standards referred in the Contract Document. Codes and standards of other may be followed by the Associate with the prior written approval of TPCODL, provided materials, supplies and equipment according to the standard are equal to or better than the corresponding standards specified in the Contract.



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Brand names mentioned in the Contract documents are for the purpose of establishing the type and quality of products to be used. The Associate shall not change the brand name and qualities of the bought out items without the prior written approval of the TPCODL. All such products and equipment shall be used or installed in strict accordance with original manufacturer's recommendations, unless otherwise directed by the TPCODL. In any circumstances the codes, specimen and standards prescribed by any government agency should not be violated.

11.0 INSPECTION/PARTICIPATION

11.1 Right to Carry Out Inspection

TPCODL reserves the right to send its representatives for inspection or participation at various stages of contract execution listed below, applicable as per contract construction.

- During basic design and detail engineering of material/ Equipment carried out by Associate /Outsourced Agencies.
- During manufacturing stages of the product at Associate's/Associate's Outsourced Agency's Plant/Facility.
- During Pre-dispatch Inspection and Testing of finished/manufactured product at Associate's/Associate's outsourced Agency's Plant/Facility.
- During Installation & Commissioning Activities/Stages.
- Prior to Clearing of the completed installation for commissioning.
- Any other stage as find appropriate by TPCODL during contract execution time.

All inspections and participations shall be carried out by TPCODL giving written intimation to the Associate or receiving appropriate advance written inspection call from the Associate, unless otherwise specified elsewhere in the contract document.

11.2 Facilitating Inspection

The Associate shall provide all opportunities and information to TPCODL's engineers to get acquainted with the technical know-how and the methods and practices adopted by the Associate in basic and detail engineering. The Associate shall provide documents, drawings, calculations etc. as may be required by TPCODL's Engineers.

The Associate shall provide free of charge office accommodation, office facilities, secretarial services, communication facilities, general and drawing office stationary, etc. as may be reasonably required by the TPCODL's engineers. Similarly, facilities shall also be provided by Associate's outsource agencies/partners/authorized dealers (collectively termed as sub associates) if such basic and detail engineering activities are carried out in the design offices of sub-Associates.

The Associate shall be responsible for the safety of employees of TPCODL/Third Party Agency when they are at the Associate's /Associate's outsource agency's plant or facility for carrying out/witnessing inspection/testing. All statutory safety precautions as applicable shall be followed by the Associate during Inspection Testing. If TPCODL inspectors are not satisfied with the safety arrangements at the plant, TPCODL have the right to call off inspection till such time corrective action is taken by the Associate.



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Before raising the call for pre-dispatch final inspection and testing, the Associate shall conduct all the tests—type tests, routine tests etc-as specified in the contract document and submit copies of the test certificates to TPCODL along with the inspection call, for scrutiny of TPCODL.

The Associate and TPCODL shall jointly document all the observations, comments and action points after completion of inspection and it shall be binding on the Associate to provide compliance on all the points requiring compliance and furnish the compliance report to the designated authority of TPCODL for receiving clearance for dispatch of materials

11.3 Third Party Nomination

TPCODL also may nominate a third party for the purpose of carrying out the inspection and such an agency shall be entitled to all the rights and privileges of TPCODL as far as conducting the inspection.

11.4 Waiver of Inspections

TPCODL on its own discretion shall chose to waive off any inspection and ask the Associate to submit all the test reports as applicable as per contract specifications, related to inspection and testing of the goods ordered for scrutiny and clearance for dispatch.

11.5 Incorrect Inspection Call

In case it is observed that the material offered for inspection is not ready at the time of TPCODL inspection visit rendering it as futile, all costs towards such inspection shall be recovered from the BA. Taxes as applicable on such recoveries shall be borne by the BA.

12.0 MDCC & DELIVERY OF MATERIALS

12.1 Material Dispatch Clearance Certificate

Associate shall deliver material/goods/equipment against Supply Contracts or Supply Part of Composite/Service Contracts only after receiving Material Dispatch Clearance Certificate (hereafter termed as MDCC) issued by designated authority of TPCODL. Material delivered at TPCODL stores or at project site without a valid MDCC issued by the designated official of TPCODL shall be rejected. MDCC shall be issued to associate furnishing compliance report on the action points documented during pre-dispatch inspection and testing at Associate's/ Sub Associate's plant/ facility. In case Pre-dispatch inspection is waived at the discretion of TPCODL, then, MDCC shall be issued on receiving all the test reports-routine& type-from the Associate and finding them in order.

The associate shall include and provide for securely protecting and packing the materials so as to avoid loss or damage during handling and transport by air, sea, rail and road or any other means.

All such packing shall allow to the extent possible for easy removal and checking at Site. The associate shall take special precautions to prevent rusting of steel and iron parts during transit by sea. Gas seals or other materials shall be utilized by the associate for protection against moisture during transit of all Plant and Equipment.

Each Equipment or parts of Equipment shall be tagged with reference to the assembly drawings and corresponding part numbers. Each bale or package shall contain a packing note



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quoting specifically the name of the associate, item description, quantity, item / package identification.

All packing cases, containers, packing and other similar materials shall be new and supplied free by the associate and it shall not be required to be returned to the associate.

Notwithstanding anything stated in this clause, the associate shall be entirely responsible for loss, damage or depreciation or deterioration to the materials and supplies due to faulty and/or insecure packing or otherwise during transportation to the Site until otherwise provided herein.

In case of the consignments dispatched by road, the associate shall ensure that it or its subcontractors:

- i) Identify and obtain the correct type of trucks/trailers, keeping in view the nature of consignments to be dispatched.
- ii) Take such actions as may be necessary to avoid all possible chances of damages during transit and to ensure that all packages are firmly secured.

Timelines for inspection and MDCC is as below:

| S. No. | Inspection | MDCC issuance time including Inspection time (max.) |
|--------|---------------------|---|
| 1 | Outside Bhubaneswar | 12 days |
| 2 | Within Bhubaneswar | 5 days |
| 3 | Waiver* | 3 working days |

* Associate is expected to raise the inspection call assuming that Inspection shall be carried out by TPCODL. The decision for waiver of inspection shall be on sole discretion of TPCODL.

12.2 Right to Rejection on Receipt

Goods/Material/Equipment delivered in condition physically damaged & incomplete as a product ordered, or not packed and transported as per the terms and conditions of the contract is liable to be rejected. Such item shall be lifted back by Associates within 15 days from receipt of rejection note from TPCODL and have to supply back the material within next 30 days or within the timeframe mutually decided by Associate and TPCODL.

If delivery of the material is beyond the agreed time, Liquidated damage clause, mentioned in this GCC separately shall be applicable; but the period for levy of LD shall be considered as per the original delivery schedule and not from the agreed timelines for material rectification.

12.3 Consignee

Unless otherwise specified in the Contract Document, Materials/Goods/Equipment shall be consigned to "Stores-In-Charge", TPCODL, Bhubaneswar.

12.4 Submission of mandatory documents on Delivery

Following documents shall be mandatorily submitted by BA along with supply of material to TPCODL stores/site:

| S. No. | Documents | Requisite |
|--------|-----------|-----------|
|--------|-----------|-----------|



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| | | |
|---|--|--|
| 1 | Invoice copy in original | With all consignments |
| 2 | LR copy | Wherever required |
| 3 | Packing list | With all consignments |
| 4 | MDCC | With all consignments |
| 5 | Purchase order / Release order | Signed copy |
| 6 | Test certificates | With all consignments |
| 7 | Inspection/JVR report | In case pre-dispatch inspection is conducted |
| 8 | Device data in CD as per template for metering items | Wherever applicable |

12.5 Dispatch and Delivery Instructions

| S. No. | Instructions |
|--------|---|
| 1 | Purchase order/ Release order no. shall be mentioned on invoice and on material |
| 2 | TPCODL material code and material description shall be mentioned in invoice and on material. |
| 3 | “Property of TPCODL” shall be embossed on material. |
| 4 | The material shall be properly sealed and packed in standard packing as per purchase order terms & conditions. |
| 5 | The weight and quantity of material shall be mentioned wherever applicable |
| 6 | The material supplied shall be co-related with the packing list. |
| 7 | The name plate detail on equipment shall include Material code, Material description, specification detail of material [as applicable], Serial No. Year of manufacturing, PO/RO no. and date, “PROPERTY OF TPCODL, Bhubaneswar”, Guarantee period and Associate’s name. |
| 8 | In case of manual unloading, supplier / transporter shall deploy sufficient Labour for unloading the material at TPC central store. For heavy item(s), crane will be provided by TPCODL [unloading cost will be recovered from the associate]. |
| 9 | The driver should have valid License and one helper in truck. All the documents of truck like registration papers, PUC etc. should be available in Truck. |
| 10 | BA representative should accompany the material and get it unloaded / stacked in his presence wherever possible. |

13.0 GUARANTEE

13.1 Guarantee of Performance

Associates shall stand guarantee that the equipment and material supplied under the contract is free from design, manufacturing, material, construction, erection & installation and workmanship & quality defects and is capable of its due, rated and intended quality performance, as an integrated product delivered under the contract, for a specific period termed as Guarantee Period(as elaborated elsewhere in this clause). The Associate should also guarantee that the equipment/material is new and unused except for the usage required for the tests and checks required as part of quality assurance.



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13.2 Guarantee Period

The Guarantee Period will be equipment/service/work specific and shall be as specified in the Standard Specifications of TPCODL for the equipment/material/service/work and where standard specifications are not part of contract documents or guarantee period is not specified in the standard specifications,, the guarantee period shall be as per the Special Terms and Conditions of the Contract. In case of no mention of the guarantee period in standard specifications or SCC Guarantee Period will be 12 Months from the Date of Commissioning or 24 months from the date of delivery of final lot of supplies made, whichever is earlier.

13.3 Failure in Guarantee Period (GP)

If the equipment and material supplied under the contract fails to perform its due, rated & intended quality performance, during the Guarantee period, the associate is liable to undertake repair/rectify/replace the equipment and material supplied within time frame specified in the SCC or elsewhere in the contract documents at associate's cost to make the equipment and material supplied/service or work rendered under the contract of performing its due, rated and intended quality performance. If Associate fails to repair/rectify/replace the equipment or material supplied rendered under the contract, failed in Guarantee Period, TPCODL will be at liberty to get the same done at Associate's risks and costs and recover all such expenses plus the TPCODL's own charges (@ 20% of expenses incurred), from the Associate or from the "Security cum Performance Deposit" as the case may be.

If during the Warranty/ Guarantee period some parts of the supplies are replaced owing to the defects/ damages under the Warranty, the Warranty period for such replaced parts shall be until the expiry of twelve months from the date of such replacement or renewal or until the end of original Guarantee period, whichever is later.

Any repairs during the Guarantee Period shall be carried out by the Associate within 30 days of reporting the issue to Associate by TPCODL. However, if replacement of the Equipment is required, Associate shall notify the same to TPCODL within 7 days of reporting the issue by TPCODL. Thereafter, the total time for supply of new equipment/ material shall be equal to the original delivery period of that equipment/ material as specified in the Contract. In case the Associate is not able to rectify/ replace the faulty equipment/ material within the stipulated timelines as mentioned above, penalty shall be levied as per the Liquidated Damages clause mentioned in this document. The penalty amount shall be recovered from the payment due to the vendor or by encashment of the SPBG as the case may be.

13.4 Cost of repairs on failure in GP

The cost of repairs/rectification/replacement, required transportation, site inspection /mobilization/dismantling and re-installation costs as applicable, to be borne by Associate. The Associate has to ensure that the interruption in the usage of intended purpose of the equipment is minimized to the maximum extent In lieu of the time taken for repairs/rectification/replacement.

13.5 Guarantee period for Goods Outsourced

If the Associate outsources partly equipment/materials/services from third party as mutually agreed upon at the pre award stage of contract, TPCODL shall have the benefit of any additional guarantee period if provided by the third party for the part supplied/executed by them.



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13.6 Latent Defect

Hidden defects in manufacturing or design of the product supplied and which could not be identified by the tests conducted but later manifested during operation of the equipment are termed as latent defects. Associates shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Company.

13.7 Support beyond the Guarantee Period

The Associate shall ensure availability of spares and necessary support for a period of at least 10 years post completion of guarantee period of equipment supplied against the contract.

14.0 LIQUIDATED DAMAGES

- a) For supplies which are of standalone use, multiple in quantities and having a single final delivery schedule, Liquidated damages shall be levied without prejudice to any of the other contractual rights of TPCODL, as described below:

For delay of each week and part thereof from the delivery schedule specified in the contract, 1% of contract value corresponding to undelivered quantity, provided full quantity is supplied within 130% of the original contract time. If full contractual quantity is not delivered within 130% of contract time for delivery, TPCODL has the right to levy LD on the entire contract value, subject to a maximum of 10% of the total contract value.

- b) For Supplies having phased delivery schedule as per contract terms, standalone use and multiple in quantities, Liquidated damages shall be levied without prejudice to any of the other contractual rights of TPCODL, as described below:

For the purpose of calculating and applying LD, each delivery lot shall be considered separately. For delay of each week and part thereof, from the delivery schedule specified for the lot, 1% of the contract value corresponding to the undelivered quantity of the lot subject to a maximum of 10% of the total contract value of the subject lot. However, if full contractual quantity is not delivered within 130% of contract time for delivery, TPCODL has the right to levy LD on the entire contract value, subject to a maximum of 10% of the total contract value. Deduction of LD shall be on landed cost i.e contract value inclusive of taxes and in pursuant statutory compliance GST would be applicable at the stipulated rate and the same shall be borne by Business Associate. In case of LD deduction, a GST invoice shall be issued by TPCODL as a proof of deduction/ recovery.

14.1 LD Waiver Request

Any request of LD waiver shall be submitted within thirty (30) days of deducting LD. Request submitted beyond the timeline shall not be entertained.

15.0 UNLAWFUL ACTIVITIES

The Associate shall have to ensure that none of its employees are engaged in any unlawful activities (whether covered under the scope of the present GCC or not) subversive of the TPCODL's interest failing which appropriate action (legal or otherwise) may be taken against the Associate by the TPCODL, in accordance with the terms of the present GCC.



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16.0 CONFIDENTIALITY

Associate and its employees or representatives thereof shall strictly maintain the confidentiality of various information they come across while executing the contract as detailed below.

16.1 Documents

All maps, plans, drawings, specifications, schemes and other documents or information related to the Contract/Project and the subject matter contained therein and all other information given to the Associate by the TPCODL in connection with the performance of the contract shall be held confidential by the Associate and shall remain the property of the TPCODL and shall not be used or disclosed to third parties by the Associate for any purpose other than for which they have been supplied or prepared. The Associate may disclose to third parties, upon execution of confidentiality agreements, such part of the drawings, specifications or information if such disclosure is necessary for the performance of the Work provided such third parties agree in writing to keep such information confidential to the same extent and degree as provided herein, for the benefit of the TPCODL.

16.2 Geographical Data

Maps, layouts and photographs of the unit/plant including its surrounding regions showing vital installation for national security of country or those of TPCODL shall not be published or disclosed to the third parties or taken out of the country without prior written approval of the TPCODL and upon execution of confidentiality agreements satisfactory to the TPCODL with such third parties prior to disclosure.

16.3 Associate's Processes

Title to secret processes if any developed by the Associate on an exclusive basis and employed in the design of the equipment shall remain with the Associate. TPCODL shall hold in confidence such processes and shall not disclose such processes to the third parties without prior approval of the Associate and execution by such third parties of secrecy agreements satisfactory to the Associate prior to disclosure. Upon completion of contract, such processes shall become the property of the TPCODL. Title to technical specifications, drawings, flow sheets, norms, calculations, diagrams, interpretations of test results, schematics, layouts and such other information, which the Associate has supplied to the TPCODL under the Contract shall be passed on to the TPCODL. The TPCODL shall have the right to use these for construction, erection, start-up, Trial Run, operation, maintenance, modifications and/or expansion of the works including for the manufacture of spare parts.

16.4 Exclusions

The provision of Clauses 16.1 to 16.3 shall not apply to information:

- Which at the time of disclosure are in the public domain which later on become part of public domain through no fault of the party concerned, or
- Which were in the possession of the party concerned prior to disclosure to him by the other party, or
- Which were received by the party concerned after the time of disclosure without restriction on disclosure or use, from a third party who did not acquire such information



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directly or indirectly from the other party or has no obligation of confidentiality for such information.

16.5 Violation

In case of violation of this clause, the Associate is liable to pay compensation and damages as may be determined by the competent authority of TPCODL.

17.0 INTELLECTUAL PROPERTY RIGHTS

If, in the course of performance of its functions and duties as envisaged by the scope of the present GCC, the Associate acquires or develops, any unique knowledge or information which would be covered, or, is likely to be covered within the definition of a trademark, copyright, patent, business secret, geographical indication or any other form of intellectual property right, it shall be obliged, under the terms of this present GCC, to share such knowledge or information with the TPCODL. All rights, with respect to, or arising from such intellectual property, as afore mentioned, shall solely vest in TPCODL.

Moreover, the Associate undertakes not to breach any intellectual property right vesting in a third party/parties, whether by breach of statutory provision, passing off, or otherwise. In the event of any such breach, the Associate shall be wholly liable to compensate, indemnify or make good any loss suffered by such third party/parties, or any compensation/damages arising from any legal proceeding/s, or otherwise. No liability of TPCODL shall arise in this respect, and any costs, damages, expenses, compensation payable by TPCODL in this regard to a third party/parties, arising from a legal proceeding/s or otherwise, shall be recoverable from the Associate.

18.0 INDEMNITY

The Associate shall at all times indemnify, keep indemnified and hold harmless the TPCODL and its officers, directors, employees, affiliates, agents, successors and assigns against all actions, claims, demands, costs, charges and expenses arising from or incurred by reason of any infringement of patent, trade mark, registered design, copy rights and/or industrial property rights by manufacture, sale or use of the equipment supplied by the Associate whether or not the TPCODL is held liable for by any court judgement. In this connection, the TPCODL shall pass on all claims made against him to the Associate for settlement.

The Associate assumes responsibility for and shall indemnify and save harmless the TPCODL from all liability, claims, costs, expenses, taxes and assessments including penalties, punitive damages, attorney's fees and court costs which are or may be required to be paid by the TPCODL and its officers, directors, employees, affiliates, agents, successors and assigns arising from any breach of the Associate's obligations under the Contract or for which the Associate has assumed responsibilities under the Contract including those imposed under any local or national law or laws, or in respect to all salaries, wages or other compensation for all persons employed by the Associate or his Sub-Associates or suppliers in connection with the performance of any work covered by the Contract. The Associate shall execute, deliver and shall cause his Sub-Associate and suppliers to execute and deliver, such other further instruments and to comply with all the requirements of such laws and regulation as may be necessary there under to conform and effectuate the Contract and to protect the TPCODL.

The TPCODL shall not be held responsible for any accident or damages incurred or claims arising, due to the Associate's error there from prior to completion of work. The Associate shall be liable for such accidents and after completion of work for such accidents as the case may



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be due to negligence on his part to carry out Work in accordance with Indian laws and regulations and the specifications set forth herein.

19.0 LIABILITY & LIMITATIONS

19.1 Liability

Except for any specific liability which may be identified in the Contract and which may be payable hereunder, Associate shall not be liable for any special, incidental, indirect, or consequential Damages or any loss of business Contracts, revenues or other financial loss (or equivalents thereof no matter how claimed, computed or characterized) arising out of or in connection with the Performance of the Work or supply of Goods **unless caused by Associate's negligence, willful misconduct or breach of contract.**

If the Associate is a joint venture or consortium, all concerned parties shall be jointly and severally bound to the TPCODL for the fulfillment of the provisions of the Contract. The consortium or the joint venture shall designate one party as their leader, who will be the coordinator between the parties and TPCODL. The constituents & leader of the consortium or joint venture shall not be changed without the prior consent of TPCODL.

TPCODL shall have no liability or any special, incidental, indirect or consequential Damages for any loss of Business Contracts, revenues or other financial loss arising out of this Contract.

19.2 Limitation of Liability

The total liability of Associate against any contract shall be limited to the Total All Inclusive Contract Value.

20.0 FORCE MAJEURE

Force Majeure applies if the performance by either Party ("the Affected Party") of its obligations under Contract is materially and adversely affected.

"Force Majeure" shall mean any event or circumstance or combination of events or circumstances referred below and their consequences that wholly or partly prevents or unavoidably delays any Party in the performance of its obligations under this Agreement, but only and to the extent that such events and circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided even if the Affected Party had taken reasonable care:

- Act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, embargo, blockade, revolution, riot, bombs, religious strife or civil commotion, etc.
 - Politically motivated sabotage, or terrorism, etc.
- Action or Act of Government or Governmental agency for which remedy is beyond the control of the affected parties. □ Any act of God.

Note: Causes like power breakdown/ shortages/fire/strikes, accidents etc do not fall under Force Majeure.

Time being the essence of the Contract, if either party is prevented from the performance of its obligations in whole or in part due to an event of Force Majeure, then provided Notice of happening of any event by the Affected Party is given to the other party within seven (7) days from the date of occurrence of such event, which DIRECTLY has impact on works and submitted details and quantum of resulting effect, but at the same time had made all possible



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efforts to mitigate and overcome effects thereof, the Affected Party's performance under this Contract shall be suspended until such event ceases and the Scheduled Completion shall be delayed accordingly.

If Force Majeure event(s) continue for a period of more than three months, the parties shall hold consultation to discuss the further course of action.

Neither party shall be considered to be in default or in breach of its obligation under the Contract to the extent that performance of such obligation by either party is prevented by any circumstances of Force Majeure which arise after effective date of Contract.

Neither party can claim any compensation from the other party on account of Force Majeure.

21.0 SUSPENSION OF CONTRACT

21.1 Suspension for Convenience

TPCODL may, at any time and at its sole option, suspend execution of all or any portions of the schedule of items of contract to be supplied/work to be executed by Associate under the contract by providing to the Associate at least two business days written notice for contracts having contract completion period less than sixty days and at least seven business days' notice for all other contracts.

Upon receipt of any such notice, the Associate shall respond as follows as applicable as per contract construction.

- Immediately discontinue further supply of material/goods specified in the suspension notice for supply contracts
- Immediately discontinue further service/work and supply of materials of those services/materials/work specified in the suspension notice for service /composite contract
- Promptly make every reasonable effort to obtain suspension, upon terms satisfactory to TPCODL, of all orders, outsourcing arrangements, and rental Contracts to the extent that they relate to performance of the portion of Work suspended by the notice.
- Protect and maintain the portion of the service/Work already completed, including the portion of the Work suspended hereunder, unless otherwise specifically stated in the notice.
- Continue delivering/carrying out the supply/service/work items as per contract conditions, which do not fall under purview of the suspension notice.

On receipt of resumption notice from TPCODL, the Associate shall resume execution of contract as specified in the resumption notice, within the time frame specified in the resumption notice.

21.2 Suspension for Breach of Contract conditions.

TPCODL shall suspend execution of whole/or part thereof the contract till such time Associate complies with the conditions stipulated under section clause 22.1 for breach/default of contract conditions.



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21.3 Compensation in lieu of Suspension

If the suspension of the contract in whole or in part is for convenience of TPCODL and not due to any breach of contract conditions by the associate, TPCODL at its discretion shall consider compensating all reasonable additional costs incurred by Associate in lieu of suspension of whole or part of contract, on representation of the Associate providing justified estimates of such additional costs and such estimates are found acceptable and approved by competent authority of TPCODL.

If the suspension of contract in whole or part thereof is due to breach of contract conditions (refer clause 22.1) by the Associate, Associate shall not be entitled for any compensation for any cost incurred in lieu of suspension of whole or part of contract and also shall be liable for compensating all the losses arising to TPCODL in lieu of suspension of contract. Resumption notice shall be subject to the Associate taking corrective action for the breach of contract conditions within the time frame and as per the terms specified in the suspension notice.

22.0 TERMINATION OF CONTRACT

22.1 Termination for Default/Breach of Contract

The contract / PO /RC shall be subject to termination by TPCODL in case of breach of the contract by the Associate which shall include but not be limited to the following:

- a. Withdrawal or intimation by the Associate of its intent to withdraw or surrender the execution / completion of the contracted work /PO or failure in ensuring adherence to any delivery schedules, in deviation of the contract/PO.
- b. Refusal or neglect on the part of the Associate to supply material/equipment of quantity or quality as specified by TPCODL and within the timeframe as specified in the contract document or refusal or neglect to execute the services/work in terms of the agreed standards of quantity or quality and/or within the timeframe specified in the contract/PO.
- c. Failure in any respect to perform any portion of the Work contracted with promptness, diligence, or in accordance with the terms of the contract.
- d. Failure to furnish guarantees as specified and /or failure to comply with the terms thereof.
- e. Failure to furnish such relevant documents or information within the time specified which may be necessary for due execution / completion of the works and documentation.
- f. Liquidation, bankruptcy either voluntary or involuntary OR entering into any composition or compromise with its creditors, or Insolvency.
- g. In case any reasonable information has been received by TPCODL that Associate has adopted/ or attempted to adopt any unethical conduct, action in award of the contract /PO or at any time thereafter.
- h. Failure to comply with applicable statutory provisions as contained in the contract or failure to comply with the applicable laws.



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- i. Failure to comply with safety regulations/clauses stipulated in the contract or as may be generally instructed by TPCODL.

If the default or breach as specified under clause 22 (except sub clause g thereof) be committed by the associate for the first time, TPCODL shall issue, along with notice of default or breach, a warning notice instructing the associate to take remedial/corrective action within the time frame stipulated in the warning notice and not to repeat the same in future. The timeframe for corrective action by the associate shall be specific to the nature of breach of contract and the same shall not be objected to by the Associate. If the Associate fails to comply with the instructions in the warning notice or in taking corrective action to the satisfaction of TPCODL then TPCODL may terminate the entire or part of contract at its discretion by issuing termination notice without incurring any liability on this ground.

In case the contract is terminated for any breach of the nature specified in clause 22 g stated above, TPCODL shall have the right to terminate all the contracts TPCODL is having with the Associate by issuing termination notice which shall be without prejudice to the other rights of TPCODL available to it under law.

Without prejudice to its right to terminate for breach of contract, TPCODL may, without assigning any reason, terminate the Contract in whole or in part at any time at its discretion while the contract is in force by serving a written notice of two weeks to the Associate.

In the event of TPCODL having proceeded with termination of the contract the associate shall comply and proceed further in the following manner:

- a) Associate shall discontinue the supply, on the expiry of the said period of two weeks.
- b) Associate shall ensure that no further steps are being taken towards discharge of the obligations, terms and conditions as contained in the contract/PO. This shall include initiation of actions not limited to discontinuation of other allied and associated arrangements which the associate might have entered into with third parties for due discharge of its obligations under the contract with TPCODL.
- c) The Associate shall perform thereafter such tasks as may be necessary to preserve and protect the terminated portion of the material/service/work in progress and the materials and equipment at TPCODL sites or in transit thereto. However the associate shall continue to fulfill its contractual obligations with regard to the part of contract not terminated.
- d) It shall be open for TPCODL to conduct a joint assessment with the associate of the material, supplies, equipment, works or in general as to the subject matter of the contract in regard to which the associate claims having completed its obligations before or during such termination.
- e) It shall be open to TPCODL to seek invocation of the performance bank guarantee or any other guarantee or other security deposit by whatever name called submitted by the associate, which shall not be objected to or protested against by the associate.

In case of termination of the contract the parties agree to be governed inter alia by the following:



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- a) In case TPCODL exercises its right of termination as stated above the associate shall not dispute or object to the same.
- b) The Associate shall be entitled to receive and claim only such payments OR sums of money from TPCODL as may be found payable to it in regard to works executed by it under the terms of the contract and no other claim of any nature whatsoever shall be made by the Associate.
- c) All such provisions which the parties have agreed to survive and prevail even after termination of the contract shall remain effective despite the termination.

In the event of such termination, TPCODL may finish the Work by whatever method it may deem expedient, including the hiring of services and /or purchase of material equipment from such third parties as TPCODL may deem fit or may itself provide any labor or materials and perform any part of the Work. The associate undertakes to bear the incremental costs if any paid by TPCODL in such a case attributable to failure on the part of the associate. The Associate in such a case shall not be entitled to receive any further payments and any sums found payable to it may be adjusted by TPCODL against the amount recoverable from him on this ground. The same shall be without prejudice to other rights available to TPCODL under law against the associate.

Upon the termination of any of the contract due to occurrence of any circumstances provided in clauses stated above and constituting repeated breach or misconduct, TPCODL shall be entitled to bar the associates its agents, affiliates from undertaking any negotiation / tendering, bidding, participation activities concerning TPCODL for a period of two years from date of such termination. The same shall be without prejudice to other rights available to TPCODL.

22.2 Termination for Convenience of Associate

Associate at its convenience may request for termination of contract, clearly assigning the reason for such request. TPCODL has full right to accept, reject or partially accept such request. However, associate shall continue its supply as per contract till final approval is given to associates for such termination.

22.3 Termination for Convenience of TPCODL

TPCODL at its sole discretion may terminate the contract by giving 30 days prior notice in writing or through email to the Associate. TPCODL shall pay the Associate for all the supplies/ services rendered till the actual date of contract termination against submission of invoice by the Associate to that effect.

23.0 DISPUTE RESOLUTION & ARBITRATION

In case of any dispute or difference the parties shall endeavor to resolve the same through conciliatory and amicable measures within 15 Days failing which the matter may be referred by either party for resolution by the sole arbitrator to be appointed mutually by both the parties. The arbitral proceedings shall be conducted in accordance with Arbitration and Conciliation Act 1996 and the place of arbitration shall be Bhubaneswar. The language to be used at proceedings shall be English and the award of the arbitrator shall be final and binding on the parties. The parties shall bear their respective costs of arbitration. The associate shall continue to discharge its obligations towards due performance of the works as per the terms of the contract during the arbitration proceedings unless otherwise directed in writing by TPCODL or



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suspended by the arbitrator. Further, TPCODL shall continue making such payments as may be found due and payable to the associate for such works.

23.1 Governing Laws and Jurisdiction

The parties shall be subject to the jurisdiction of the courts of law in Bhubaneswar and any matter arising here from shall be subject to applicable law in force in India.

24.0 ATTRIBUTES OF GCC

24.1 Cancellation

The Company reserves the right to cancel, add, delete at its sole discretion, all or any terms of this GCC or any contract, order or terms agreed between the parties in pursuance without assigning any reasons and without any compensation to the Associates.

24.2 Severability

If any portion of this GCC is held to be void, invalid, or otherwise unenforceable, in whole or part, the remaining portions of this GCC shall remain in effect.

24.3 Order of Priority

In case of any discrepancies between the stipulations in General Conditions of the Contract (GCC) and Special Conditions of Contract (SCC), the GCC shall stand superseded by the SCC to the extent stipulated hereinabove while balance portion of respective clauses of GCC shall continue to be applicable.

25.0 ERRORS AND OMISSIONS

The Associate shall be responsible for all discrepancies, errors and omissions in the drawings, documents or other information submitted by him, irrespective of whether these have been approved, reviewed or otherwise accepted by the TPCODL or not. However any error in design/drawing arising out of any incorrect data/written information from TPCODL will not be considered as error and omissions on part of the Associate.

26.0 TRANSFER OF TITLES

The title of ownership and property to all equipment, materials, drawings & documents shall pass to the TPCODL on acceptance of material by store/site after Inspection.

However, such passing of title of ownership and property to the TPCODL shall not in any way absolve, dilute or diminish the responsibility and obligations of the Associate under this Contract including loss or damages and all risks, which shall vest with the Associate.

27.0 INSURANCE

The Contractor shall take out the Insurance Policies which shall cover all risks including the following, as applicable:-

- a) The value of the policy shall cover the total value of all the items till they are handed over to TPCODL.
- b) TPCODL shall be the principal holder of the policy. The Associate shall be the loss payee under the policy. Associate / Sub-contractor of the Associate shall not be holders or beneficiaries in the policy nor shall they be named in the policy. TPCODL reserves the exclusive right to assign the policy.



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- c) While the payment of premium may be phased in agreement with the insurance company, at no time shall goods and services required to be provided by the associate shall remain uninsured in accordance with (a) above.
- d) A copy of the Insurance policy shall be made available to TPCODL prior to first dispatch lot of any Equipment and policy shall be kept alive and valid at all times up to the stage of final acceptance.
- e) TPCODL reserves the right to take out whatever policy that is deemed necessary by him if the associate fails to keep the said policy alive and valid at all times and/or causes lapses in payment of premium thereby jeopardizing the said policy. The cost of such policy(s) shall be recovered / deducted from the amount payable to the associate.
- f) The policy shall ensure that the TPCODL's decision regarding replacement of goods damaged, lost or rendered unusable shall be final.

In all cases, the associate shall lodge the claims with the underwriters and also settle the claims and shall also notify TPCODL of any filed claims. However, the associate shall proceed with the repairs and/or replacement of the equipment/components without waiting for the settlement of the claims. In case of seizure of materials by concerned authorities, the associate shall arrange prompt release against bond, security or cash as required. TPCODL, upon request by the associate, will extend all reasonable assistance to the associate in such a case.

All the insurance claims shall be processed and settled by the associate and the missing/damaged items shall be replaced/repared by them without any extra cost to TPCODL and without affecting the completion time.

28.0 SUGGESTIONS & FEEDBACK

We welcome all our Business Associates to write to us about their experience with TPCODL; be it our Company, our services or our people. Each and every concern, issue, query and suggestion from you will help us to become a better company to work with and shall help us develop a strong bonding of trust and a long term relationship with you.

You may send your feedback by filling up our Business Associate Feedback Form enclosed herewith as *Annexure-I*. You can also log on to our website www.tpcentralodisha.com to provide your feedback.

- Suggestions for us
- Feedback form
- Knowledge Sharing/ Experience with TPCODL
- Any issues with TPCODL.

Submission of feedback form is mandatory before the release of final payment to the BA.

29.0 CONTACT POINTS

In case Business Associate needs information with respect to payments or has any grievances, same may be lodged by log on to our website www.tpcentralodisha.com

30.0 LIST OF ANNEXURES



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| S. No. | Subject | Annexure |
|---------------|---|-----------------|
| 1. | Performa for Bid Security Bank Guarantee | A |
| 2. | Performa for Performance Bank Guarantee (CP cum EP) | B |
| 3. | Performa for No Demand Certificate by Associate | C |
| 4. | Performa For Application For Issuance of Consolidated TDS Certificate | D |
| 5. | Business Associate Feedback Form | E |
| 6. | Acceptance Form For Participation In Reverse Auction Event | F |
| 7. | Form for RTGS Payment | G |
| 8. | Vendor Appraisal Form | H |
| 9. | Manufacturer Authorization Form | I |



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ANNEXURE-A

PROFORMA FOR BID SECURITY BANK GUARANTEE

**TP Central Odisha Distribution Limited
 Bhubaneswar**

WHEREAS, (Name of the Bidder) _____ (hereinafter called "the BIDDER") has submitted his bid dated _____ for the (Name of Contract) _____ (hereinafter called "the BID").

KNOW ALL men by these presents we (Name of the Bank) _____ of (Name of the Country) _____ having our registered office at _____ (hereinafter called "the BANK") are bound unto The TTP Central Odisha Distribution Limited (TPCODL) in the sum of _____ for which payment well and truly to be made to the TPCODL the Bank binds himself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20_____.

The CONDITIONS of this obligation are:

- i) If the Bidder withdraws his Bid during the period of bid validity specified in the Proforma of Bid or
- ii) If the Bidder having been notified of the acceptance of his Bid by the TPCODL during the period of bid validity fails or refuses to furnish the Contract Performance Bank Guarantee, in accordance with the Instructions to Bidders.

We undertake to pay the TPCODL upto the above amount upon receipt of its first written demand, provided that in its demand the TPCODL will note that amount claimed by it is due to it owing to the occurrence of one or both conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date (No of days as mentioned in tender enquiry) days after the closing date of submission of bids as stated in the Invitation to Bid or as extended by you at any time prior to this date, notice of which extension to the Bank being hereby waived, and any demand in respect thereof should reach the Bank not later than the above date.

| | | | |
|----------------|-------|------------------------------|-------|
| DATE | | SIGNATURE OF THE BANK | |
| WITNESS | | SEAL | |

(Signature, Name & Address) (At least 2 witnesses)



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ANNEXURE- B

PROFORMA FOR PERFORMANCE BANK GUARANTEE (CP cum EP)

(On Rs.100/- Stamp Paper)

Note:

- a) Format shall be followed in toto
- b) Claim period of one month must be kept up
- c) The guarantee to be accompanied by the covering letter from the bank confirming the signature to the guarantee

**The TP Central Odisha Distribution Limited
 Bhubaneswar**

CP cum EP BG No.....

Order/Contract No.....dated.....

1. You have entered into a Contract No _____ with M/s. _____, address _____ (hereinafter referred to as "the Vendor") for the _____ (hereinafter referred to as "the said Equipment") for the price and on the terms and conditions contained in the said contract.
2. In accordance with the terms of the said contract, "the Vendor" agreed to furnish you with an irrevocable, unconditional and acceptable bank guarantee for _____% of the value of contract and to be valid till the end of Guarantee period plus one month towards "Contract cum Equipment performance". For this purpose you have agreed to accept the guarantee.
3. In consideration thereof, we, _____, a banking company incorporated and having its head /registered office at _____ hereby irrevocably and unconditionally guarantee to pay to you on demand but in any case before the end of five working days from the date of the claim and without demur and without reference to "the Vendor" such amount or amounts not exceeding the sum of Rs. _____ (Rupees _____ only) being _____% of the total value of the contract on receipt of your intimating that "the Vendor" has not fulfilled his contractual obligations. You shall be the sole judge for such non-fulfillment and "the Vendor" shall have no right to question such judgment.
4. You shall have the right to file / make your claim on us under the guarantee for a **further period of three months** from the date of expiry.



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5. This guarantee shall not be revoked without express consent and shall not be affected by your granting time or any other indulgence to "the Vendor", which shall include but not be limited to, postponement from time to time of the exercise the same in you or any right which you may have against "the Vendor" and to exercise the same in any covenant contained or implied in the said contract or any other course or remedy or security available to you, and our Bank shall not be released from its obligations under this guarantee by your exercising any of your rights with reference to matters aforesaid or any of them or by reasons of any other act or forbearance or other acts of omission or commission on your part or any other indulgence shown by you or by any other matter or thing whatsoever which under the law would, but for this provision have the effect of relieving our bank from its obligation under this guarantee
6. We also agree that you shall be entitled at your option to enforce this guarantee against our bank as a principal debtor, in the first instance, notwithstanding any other security or guarantee that you may have in relation to "the Vendor's" liabilities in respect of the premises.
7. This guarantee shall not be affected by any change in the constitution of our Bank or "the Vendor" or for any other reason whatsoever.
8. Any claim / extension under the guarantee can be lodge-able at outstation banks or at Bhubaneswar branch and claim will also be payable at Bhubaneswar Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Bhubaneswar).
9. Notwithstanding anything herein contained, our liability under this guarantee is limited to Rs. _____ (Rupees _____) only and the guarantee will remain in force upto and including _____ (Date) and shall be extended from time to time for such period or period as may be desired by "the Vendor".
10. Unless a demand or claim under this guarantee is received by us in writing within one months from _____ (expiry date) i.e. on or before _____ (claim period end date), we shall be discharged from all liabilities under this guarantee thereafter.

Dated at _____ this _____ day of _____ 20__

Bank's rubber stamp

Banks full address

Designation of
Signatory

Bank official number



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ANNEXURE-C

PROFORMA FOR “NO DEMAND CERTIFICATE” BY ASSOCIATE

(On Company’s Letter head or with Company Seal)
(To be submitted by the Associate to TPCODL Accounts Department at the time of receipt of full and final payment)

(Certificate No. CCP/002)

Name of the Project Order/ Contract No.

Dated

Name of the Associate

Scheme No. / Job No.

We, M/s. _____ (Associate) do hereby acknowledge and confirm that we have received the full and final payment due and payable to us from TPCODL, in respect of our aforesaid Order No _____ dated _____ including amendments, if any, issued by TPCODL to our entire satisfaction and we further confirm that we have no claim whatsoever pending with TPCODL under the said contract / W.O.

Notwithstanding any protest recorded by us in any correspondence, documents, measurement books and / or final bills etc., we waive all our rights to lodge any claim or protest in future under this contract.

We are issuing this “NO DEMAND CERTIFICATE” in favour of TPCODL, with full knowledge and with our free consent without any undue influence, misrepresentation, coercion etc.

Place

Name
(Company Seal)



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ANNEXURE-D

**PROFORMA FOR APPLICATION FOR ISSUANCE OF CONSOLIDATED TDS
CERTIFICATE**

To be printed on the letterhead

To,

The TP Central Odisha Distribution Limited,

Bhubaneswar

Sub: Application for issuance of Consolidated TDS Certificate for the FY

Dear Sir,

I / we hereby request / authorize you to issue me / us a consolidate TDS Certificate for the financial year _____ against tax deducted at source by you from my / our payments / bills during the said year from time to time under Chapter XVII – B of the Income Tax Act, 1961. For and on behalf of

Signature

Name

Address

Contact No. (Land Line)

(Mobile)

PAN #

Assessing authority

ATTACH THE COPY OF PAN CARD



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ANNEXURE-E

BUSINESS ASSOCIATE FEEDBACK FORM

With an objective to improve our internal processes and systems, and serve you better, we solicit your valuable feedback & suggestions. It is estimated that it will take about 10 minutes to complete this survey. We assure you that your feedback shall be kept confidential. Please send the duly filled feedback form in the "TPCODL addressed - attached envelop"

You are associated with us as

OEMs Service Contractor Material Suppliers Material & Manpower Supplier

You are associated with us for

Less than 1 year More than 1 year but less than 3 years More than 3 years

Your office is located at

Bhubaneswar Within 200 kms from Bhubaneswar More than 200 kms from Bhubaneswar

Your nearly turnover with TPCODL

Less than 25 Lacs 25 Lacs to 1 Crore More than 1 Cr.

Additional Information

| | |
|--------------------------|--|
| Your Name | |
| Your Designation | |
| Your Organization | |
| Contact Nos. | |
| Email | |

We once again thank you for your participation in this survey. Please spare 10 minutes to give your feedback on following pages (Section A to E)

SECTION – A

(Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement).



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| S. No. | Parameters | 1 | 2 | 3 | 4 | 5 | Remarks/ Suggestion |
|--------|--|--------------|-----------------------|-------------------|---------------------|-------------|------------------------|
| | | Do Not Agree | Slightly in Agreement | In Fair Agreement | Mostly in Agreement | Fully Agree | |
| 1 | You receive all relevant queries / tenders from us in timely manner. | | | | | | |
| 2 | We provide you enough lead time to respond to our queries / tenders. | | | | | | |
| 3 | We provide you adequate support (drawings, documents, clarifications, briefing etc.) to enable you meet our requirements. | | | | | | |
| 4 | All following elements of our contract / purchase order are rational : | | | | | | |
| 4.1 | Scope of Work | | | | | | |
| 4.2 | Delivery / Execution Schedule | | | | | | |
| 4.3 | Payment Terms | | | | | | |
| 4.4 | Liquidated Damages | | | | | | |
| 4.5 | Performance Guarantee | | | | | | |
| 5 | Our purchase orders / contracts are simple, specific & easy to understand | | | | | | |
| 6 | TPCODL demonstrate willingness to be flexible in administration of Contract / Purchase Order | | | | | | |
| 7 | We provide timely responses / clarifications to your queries | | | | | | |
| 8 | TPCODL representative you interact / coordinate with is adequately empowered to support you in meeting contractual obligations | | | | | | |
| 9 | TPCODL provide you all necessary infrastructure support for timely and quality completion of work (including AMC) | | | | | | |
| 10 | TPCODL Engineer-in-Charge timely certifies the jobs executed/ material supplied | | | | | | |
| 11 | TPCODL Engineer-in-Charge efficiently supervises the job execution for timely completion of job | | | | | | |
| 12 | BIRD (Bill Inward Receipt Desk) initiative has improved payment disbursement process | | | | | | |



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| S. No. | Parameters | 1 | 2 | 3 | 4 | 5 | Remarks/ Suggestion |
|--------|--|--------------|-----------------------|-------------------|---------------------|-------------|------------------------|
| | | Do Not Agree | Slightly in Agreement | In Fair Agreement | Mostly in Agreement | Fully Agree | |
| 13 | Our approach for Inspection and Quality Assurance effective to expedite project completion? | | | | | | |
| 14 | TPCODL never defaults on contractual terms | | | | | | |
| 15 | In TPCODL Contracts closure is done within set time limit | | | | | | |
| 16 | Our material receiving procedures are well defined and efficiently deployed to reduce mutual inconvenience | | | | | | |
| 17 | Bank Guarantees are released in time bound manner | | | | | | |
| 18 | Our processes related to payment / account settlement are effective. | | | | | | |
| 19 | You get payments on time | | | | | | |
| 20 | TPCODL Employees follow Ethical behavior | | | | | | |

SECTION – B

SECTION – B (Please rate the following parameters on a scale of 1 to 5, where 1 - Minimum; 5 - Maximum)

| S. No. | Parameters | 1 | 2 | 3 | 4 | 5 | Remarks/ Suggestion |
|--------|--|---|---|---|---|---|------------------------|
| 1 | How do you rate courtesy/ empathy/ attitude level and warmth of TPC employees you interact with from following team? | | | | | | |
| 1.1 | Project Engineering | | | | | | |
| 1.2 | District / Zones | | | | | | |
| 1.3 | Projects/HOG (TS &P) | | | | | | |
| 1.4 | Inspection & Quality Assurance | | | | | | |
| 1.5 | Stores | | | | | | |
| 1.6 | Metering & Billing | | | | | | |
| 1.7 | Accounts / Finance | | | | | | |
| 1.8 | Administration | | | | | | |



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| | | | | | | | |
|-----|--|--|--|--|--|--|--|
| 1.9 | IT & Automation | | | | | | |
| 2 | How would you rate TPCODL in comparison to your other clients in terms of fairness of treatment and transparency with its Business Associates? | | | | | | |
| 3 | How would you rate TPCODL in comparison to your other clients in terms of processes and systems to manage partnership with its Business Associates | | | | | | |
| 4 | How would you rate TPCODL in comparison to your other clients in terms of building long term & mutually relationship with its Business Associates | | | | | | |

SECTION – C

Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement.

| S. No. | Parameters | Certainly No | Probably No | Certainly Yes | Probably Yes | Remarks/ Suggestion |
|--------|---|--------------|-------------|---------------|--------------|---------------------|
| 1 | Based on your experience with TPCODL, would you like to continue your relationship with TPCODL? | | | | | |
| 2 | If someone asks you about TPCODL, would you talk “positively” about TPCODL? | | | | | |
| 3 | Would you refer TPCODL name to others in your community, fraternity and society as a professional & dynamic organization? | | | | | |



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SECTION - D

If we ask you to rate us on a scale of 1 to 10, how will you rate TPCODL, that truly represents your overall satisfaction with us (please tick appropriate box) -

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|

SECTION - E

Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement.

Please spare your thoughts for TPCODL's improvement in particular areas of weaknesses, particularly relating to some great practices, attitudes that you have seen elsewhere in Indian and International Organizations, which you recommend TPCODL to adopt. Please give your valuable salient recommendations.

Please spare your thoughts for TPCODL's improvement in particular areas of major concerns for you. We also welcome your suggestions to adopt any best practices, altitudes that you

| Recommendation | <i>Please tick (✓) your top 5 expectations out of the following 10 points listed below -</i> | |
|---|---|--|
| (Please list down improvement you expect from TPCODL) | <i>Timely payment</i> | |
| 1 | <i>Flexibility in Contracts/PO</i> | |
| | <i>Clarity in PO,s & Contracts</i> | |
| 2 | <i>Timely response to quarries</i> | |
| | <i>Timely certification of works executed</i> | |
| 3 | <i>Clarity in Specs, drawings, other docs etc.</i> | |
| | <i>Adequate information provided on website for tender notification, parties qualified etc.</i> | |
| 4 | <i>Timely receipt of material at site for execution</i> | |
| | <i>Performance Guarantee/EMD released in time</i> | |
| 5 | <i>Inspection & quality assurance support for timely job completion</i> | |

We thank you for your time and courtesy!!



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ANNEXURE-F

ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT

(To be signed and stamped by the bidder prior to participation in the auction event)

In a bid to make our entire procurement process more fair and transparent, TPCODL intends to use the reverse auctions through SAP-SRM tool 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:

13. 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).*
14. 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.
15. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of TPCODL, bid process, bid technology, bid documentation and bid details.
16. The bidder is advised to understand the auto bid process to safeguard themselves against any possibility of non-participation in the auction event.
17. 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.
18. 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.
19. 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.
20. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
21. 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.
22. The prices submitted by a bidder during the auction event shall be binding on the bidder.
23. No requests for time extension of the auction event shall be considered by TPCODL.
24. 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-G

To,

GM (Finance)
 The TP Central Odisha Distribution Limited
 Bhubaneswar

Sub: e-Payments through National Electronic Fund Transfer (NEFT) OR Real Time Gross Settlement System (RTGS)

Dear Sir,

We request and authorize you to affect e-payment through NEFT/RTGS to our Bank Account as per the details given below:-

Vendor Code :

Title of Account in the Bank :

Account Type :

(Please mention here whether account is Savings/Current/Cash Credit)

Bank Account Number :

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Name & Address of Bank :

:

Bank Contact Person's Names :

Bank Tele Numbers with STD Code :

Bank Branch MICR Code :

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

(Please enclose a Xerox a copy of a cheque. This cheque should not be a payable at par cheque)

Bank Branch IFSC Code :

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

(You can obtain this from branch where you have your account)

Email Address of accounts person: (to : send payment information)



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Name of the Authorized Signatory: :

Contact Person's Name: :

Official Correspondence Address: :

We confirm that we will bear the charges, if any, levied by our bank for the credit of NEFT/RTGS amounts in our account. Any change in above furnished information shall be informed to TPCODL well in time at our own. Further, we kept TPCODL indemnified for any loss incurred due to wrong furnishing of above information.

Thanking you,

For _____

(Authorised Signatory)

(Signature with Rubber Stamp)

Certification from Bank:

We confirm that we are enabled for receiving NEFT/RTGS credits and we further confirm that the account number (specify Bank a/c no.) of (Please mention here name of the account holder), the signature of the authorised signatory and the MICR and IFSC Code of our branch mentioned above are correct.

This also is certified that the above information is correct as per Bank record

(Manager's/ Officers Signature under Bank Stamp)

ANNEXURE-H

VENDOR APPRAISAL FORM

| TO BE SUBMITTED BY VENDOR (To be filled as applicable) | | | |
|--|----------------------------|--|---|
| VENDOR: | | | |
| 1.0 | DETAILS OF THE FIRM | | |
| | 1.1 | NAME (IN CAPITAL LETTERS) | : |
| | 1.2 | TYPE OF CONCERN (PROPRIETARY) Partnership, Pvt. Ltd., Public Ltd. etc. | : |
| | 1.3 | YEAR OF ESTABLISHMENT | : |
| | 1.4 | LOCATION OF OFFICE POSTAL ADDRESS TELEGRAPHIC ADDRESSES, | : |



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| | | | |
|------------|---|---|---|
| | | TELEX NO. FAX NO. | |
| | 1.5 | LOCATION OF MANUFACTURING UNITS | : |
| | | i) UNITS 1 | : |
| | | ii) OTHER UNITS | : |
| 2.0 | PRODUCTS MANUFACTURED | | : |
| 3.0 | TURNOVER DURING THE LAST 3 YEARS (TO BE VERIFIED WITH THE LATEST PROFIT & LOSS STATEMENT). | | : |
| 4.0 | VALUE OF FIXED ASSETS | | : |
| 5.0 | NAME & ADDRESS OF THE BANKERS | | : |
| 6.0 | BANK GUARANTEE LIMIT | | : |
| 7.0 | CREDIT LIMIT | | : |
| 8.0 | TECHNICAL | | |
| | 8.1 | NO. OF DESIGN ENGINEERS (INDICATE NO. OF YEARS EXPERIENCE IN RELATED FIELDS) | : |
| | 8.2 | NO. OF DRAUGHTS MEN | : |
| | 8.3 | COLLABORATION DETAILS (IF ANY) | : |
| | | 8.3.1 DATE OF COLLABORATION | : |
| | | 8.3.2 NAME OF COLLABORATOR | : |
| | | 8.3.3 RBI APPROVAL DETAILS | : |
| | | 8.3.4 EXPERIENCE LIST OF COLLABORATOR | : |
| | | 8.3.5 DURATION OF AGREEMENT | : |
| | 8.4 | AVAILABILITY OF STANDARDS / DESIGN PROCEDURES / COLLABORATOR'S / DOCUMENTS (CHECK WHETHER THESE ARE LATEST/CURRENT | : |
| | 8.5 | TECHNICAL SUPPORT, BACK-UP GUARANTEE, SUPERVISION, QUALITY CONTROL BY COLLABORATOR (WHEREVER ESSENTIAL). (THIS CLAUSE IS RELEVANT WHEN VENDOR'S EXPERIENCE IS INADEQUATE) | : |
| | 8.6 | QUALITY OF DRAWINGS | : |
| 9.0 | MANUFACTURE | | |
| | 9.1 | SHOP SPACE, LAYOUT LIGHTING, VENTILATION, ETC. | : |
| | 9.2 | POWER (KVA) | : |
| | | MAINS INSTALLED | : |



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| | | | |
|-------------|---------------------------------------|--|---|
| | | UTILIZED | : |
| | | STANDBY POWER SOURCE | : |
| | 9.3 | MANUFACTURING FACILITIES (ATTACH LIST OF EQUIPMENT AS APPLICABLE) | : |
| | | 9.3.1 MATERIAL HANDLING | : |
| | | 9.3.2 MACHINING | : |
| | | 9.3.3 FABRICATION | : |
| | | 9.3.4 HEAT TREATMENT | : |
| | | 9.3.5 BALANCING FACILITY | : |
| | | 9.3.6 SURFACE TREATMENT PRIOR TO PAINTING/ COATING, POLISHING, PICKLING, PASSIVATION, PAINTING, ETC. | : |
| | 9.4 | SUPERVISORY STAFF | : |
| | 9.5 | ADEQUACY OF SKILLED LABOURS (MACHINISTS, WELDERS, ETC.) | : |
| | 9.6 | NO. OF SHIFTS | : |
| | 9.7 | TYPE OF MATERIAL HANDLED (SUCH AS CS, SS, ETC.) | : |
| | 9.8 | WORKMANSHIP | : |
| | 9.9 | MATERIAL IN STOCK AND VALUE | : |
| | 9.10 | TRANSPORT FACILITIES | : |
| | 9.11 | CARE IN HANDLING | : |
| 10.0 | INSPECTION / QC / QA / TESTING | | |
| | 10.1 | NUMBER OF PERSONNEL (INDICATE NO. OF YEARS OF EXPERIENCE) | : |
| | 10.2 | INDEPENDENCE FROM PRODUCTION | : |
| | 10.3 | AVAILABILITY OF PROCEDURAL WRITE UP/QUALITY PLAN | : |
| | 10.4 | INCOMING MATERIAL CONTROL AND DOCUMENTATION | : |
| | 10.5 | RELIABILITY/REPUTATION OF SUPPLY SOURCES | : |
| | 10.6 | STAGE INSPECTION AND DOCUMENTATION | : |
| | 10.7 | SUB-ASSEMBLY & DOCUMENTATION | : |
| | 10.8 | FINAL INSPECTION AND DOCUMENTATION | : |
| | 10.9 | PREPARATION OF FINAL DOCUMENTATION PACKAGE | : |



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| | | | |
|--------|-------|--|---|
| | 10.10 | TYPE TEST FACILITIES | : |
| | 10.11 | ACCEPTANCE TEST FACILITIES | : |
| | 10.12 | CALIBRATION OF INSTRUMENTS AND GAUGES (WITH TRACEABILITY TO NATIONAL STANDARDS) (ATTACH LIST) | : |
| | 10.13 | STATUTORY APPROVALS LIKE BIS, IBR, ETC.(AS APPLICABLE) | : |
| | 10.14 | SUB-VENDOR APPROVAL SYSTEM AND QUALITY CONTROL | : |
| | 10.15 | DETAILS OF TESTS CARRIED OUT AT INDEPENDENT RECOGNIZED LABORATORIES | : |
| | | i) FURNISH LIST OF TESTS CARRIED OUT AND THE NAME OF THE LABORATORY WHERE THE TESTS WERE CONDUCTED | : |
| | | ii) CHECK AVAILABILITY OF CERTIFICATES AND REVIEW THESE WHEREVER POSSIBLE | : |
| 11.0 | | EXPERIENCE (INCLUDING CONSTRUCTION / ERECTION / COMMISSIONING) TO BE FURNISHED IN THE FORMAT INDICATED IN APPENDIX) | : |
| 12.0 | | SALES, SERVICE AND SITE ORGANIZATIONAL DETAILS | : |
| 13.0 | | CERTIFICATE FROM CUSTOMERS (ATTACH COPIES OF DOCUMENTS) | : |
| 14.0 | | POWER SITUATION | : |
| 15.0 | | LABOUR SITUATION | : |
| 16.0 * | | APPLICABILITY OF SC/ST RELAXATION (Y/N) IF YES, SUPPORTING DOCUMENTS TO BE ATTACHED | : |
| 17.0 | | ORGANIZATIONAL DETAILS 1. PF NO 2. ESI NO 3. INSURANCE FOR WORK MAN COMPENSATION ACT NO 4. ELECTRICAL CONTRACT LIC NO 5. ITCC / PAN NO 6. SALES TAX NO 7. WC TAX REG. NO | : |
| 18.0 | | DOCUMENTS TO BE ENCLOSED: 1. FACTORY LICENSE 2. ANNUAL REPORT FOR LAST THREE YEARS 3. TYPE TEST REPORT FOR THE ITEM 4. PAST EXPERIENCE REPORTS 5. ISO CERTIFICATE –QMS, EMS, OHAS, SA 6. REGISTRATION OF SALES TAX 7. COPY OF TIN NO. 8. COPY OF SERVICE TAX NO. 9. REGISTRATION OF CENTRAL EXCISE 10. COPY OF INCOME TAX CLEARANCE. 11. COPY OF PF REGISTRATION | : |



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| | | |
|--|--|--|
| | 12. COPY OF ESI REGISTRATION 13. COPY OF INSURANCE FOR WORK MAN COMPENSATION ACT NO 14. COPY OF ELECTRICAL CONTRACT LIC NO 15. COPY OF PAN NO 16. COPY OF WC TAX REGISTRATION 17. DOCUMENTS IN SUPPORT OF SC/ST RELAXATION AT S.NO.16.0 18. GSTN CERTIFICATE | |
|--|--|--|

*** Classification of BA s under SC/ST shall be governed under following guidelines:**

- **Proprietorship/ Single Ownership Firm:** Proprietor of the firm should be from SC/ST community. Governing document shall be Proprietorship Deed.
- **Partnership Firm:** Only such firms shall qualify which have SC/ST partners holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Partnership Deed.
- **Private Limited Company:** Only such firms shall qualify which have SC/ST directors holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Memorandum of Understanding (MoU) and/or Article of Association (AoA).

NOTE: Certification from SC/ST Commission shall be required for deciding upon SC/ST status of a person.



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Annexure X
Manufacturers Authorization Form

Date:

Tender Enquiry No.:

To,
Chief (Procurement & Stores)
TP Central Odisha Distribution Limited,
Bhubaneswar

Sir,

WHEREAS M/s. *[name of OEM]*, who are official manufacturers of having factories at *[address of OEM]* do hereby authorize M/s *[name of bidder]* to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us

.....
and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the Special Conditions of Contract or as mentioned elsewhere in the Tender Document, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

We hereby confirm that in case, the channel partner fails to provide the necessary services as per the Tender Document referred above, M/s *[name of OEM]* shall provide standard warranty on the materials supplied against the contract. The warranty period and inclusion / exclusion of parts in the warranty shall remain same as defined in the contract issued to their channel partner against this tender enquiry.

Yours Sincerely,

For

Authorized Signatory



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ANNEXURE X

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



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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.



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4. Responsibilities

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

- 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.



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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](#).



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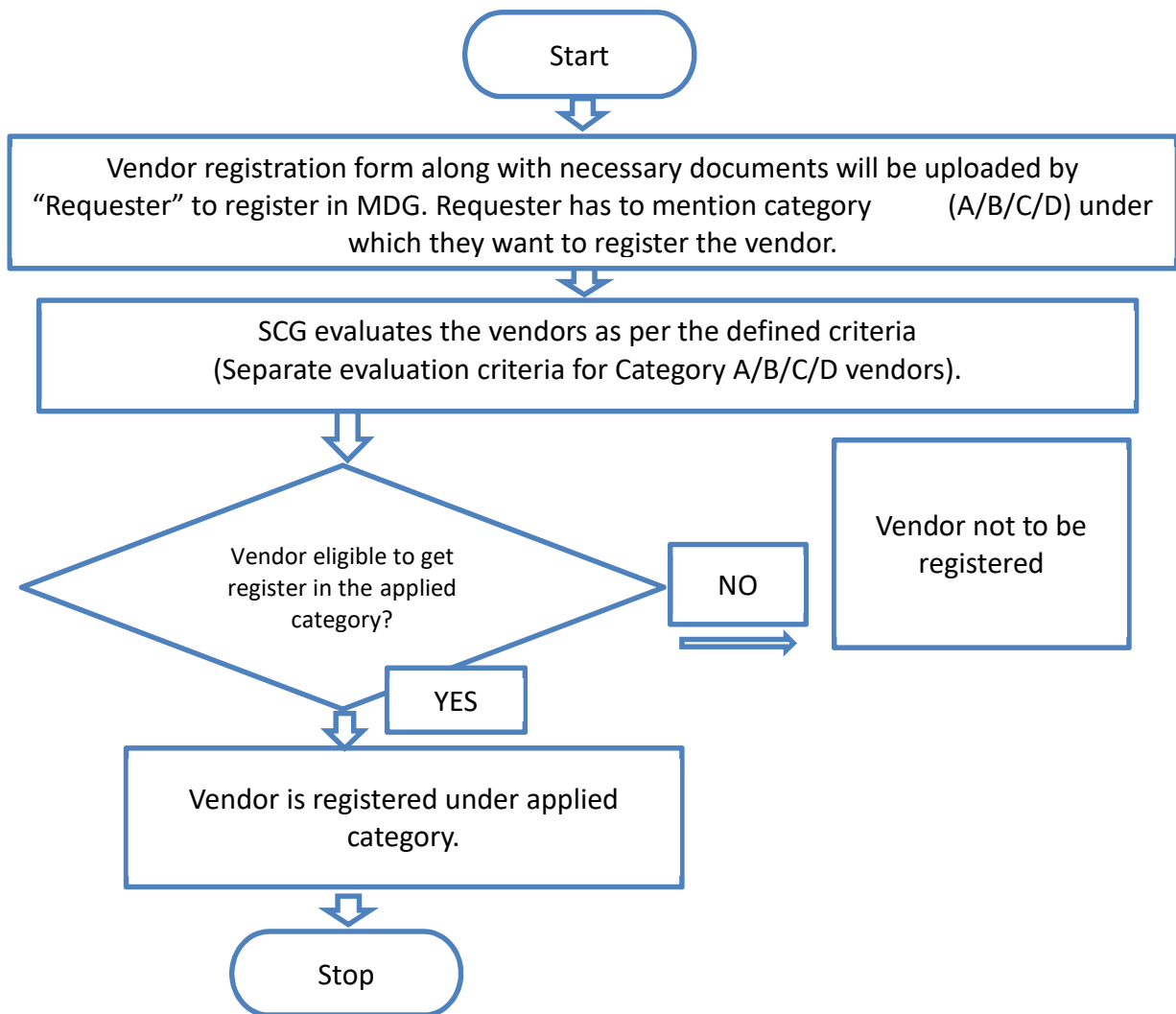
5.3 Safety Performance Evaluation

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.



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Appendix 1: Process Flow Chart for Vendor Registration





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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 | | 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. | | | |



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| | | | |
|----------------------------|---|--------|--|
| Name of the Vendor: | | | |
| 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 | |
| 10 – 50 lakhs | |
| 0.5 to 10 Cr | |
| >10 Cr | |

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.



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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

| | <u>Lead Indicators</u> | Unit measurement | Of Target | weight age |
|---|--|--------------------------------|--------------|------------|
| 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 |
| | <u>Lag Indicators</u> | | | |
| 1 | Number of Fatalities | No. | 0 | 30 |
| 2 | Number of Lost workday case (LWDC) | No. | 0 | 10 |
| 3 | Man-days Lost | No. | 0 | 10 |



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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 Earthling 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/ |



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| | | | |
|-----|---|---|--------|
| 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 occur | 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/ |



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| | | | |
|------|--|---|---------|
| 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/- |



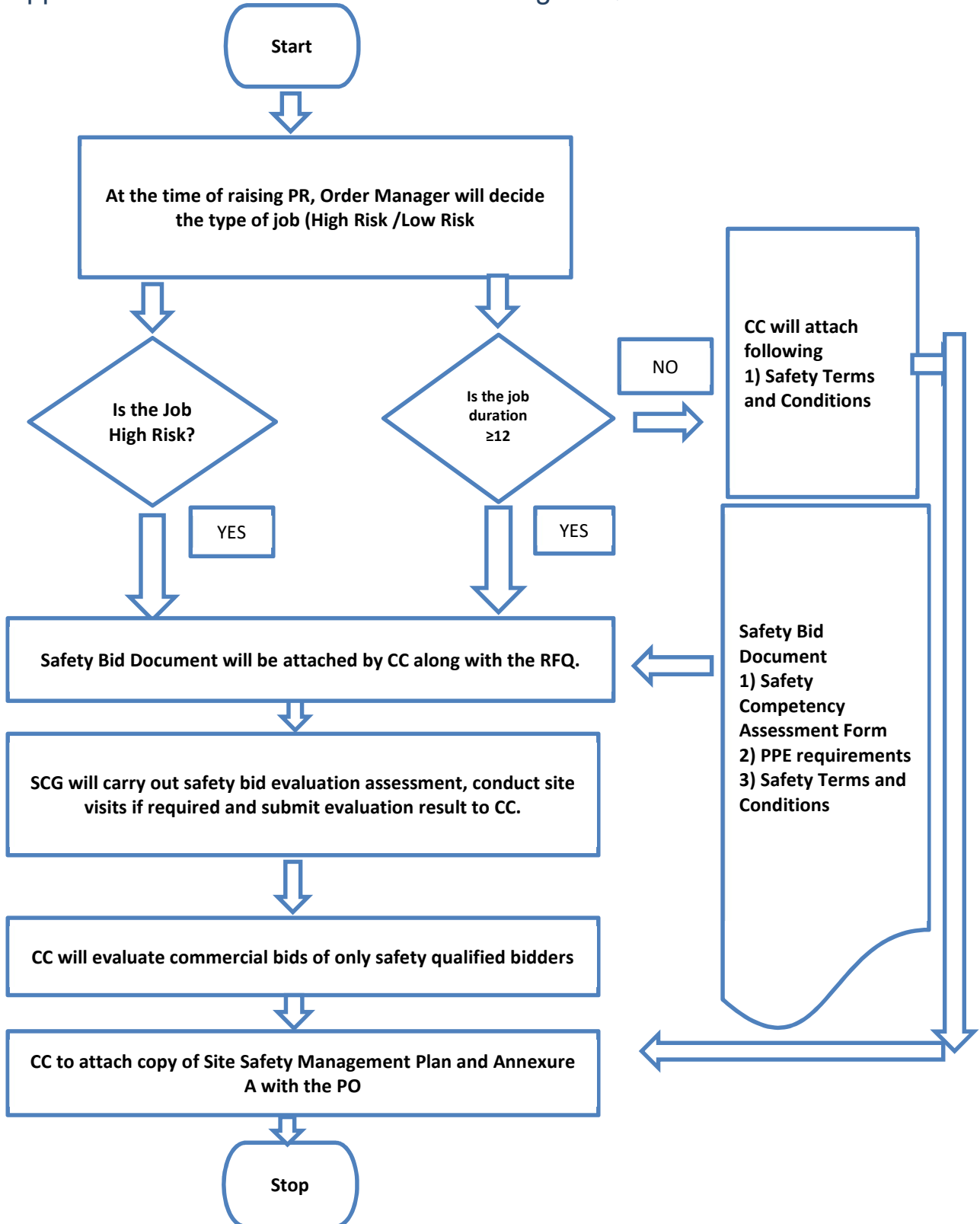
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| | | | |
|------|--|---|---------------------------|
| 103. | Serious Violation of House Keeping (after 1st or 2nd warning to be decided by Project Manager depending on the severity) | 5 | Rs.10000/- and above |
| 104. | Repeat Violation of same nature | 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





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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 | | | | | |
| Total Manpower | | | | | |

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



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| 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 | Data for Last 3 Years | | |
|---------------------------|-----------------------|---|---|
| | (Last FY) | | |
| | — | — | — |
| 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 | |
|-----|---------------|----------|--|
| | | | |



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| | | | of Certification | 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.



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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*)



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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)

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



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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. | | | | |










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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)*.

| | | | | | | | |
|---|---|---|---|--|---|---|---|
| Fall Protection Measures: (Where Work at height cannot be avoided) | | | | | | | |
| Control Measures for Electrical Hazards | | | | | | | |
| Others Hazard if any (please provide details) | | | | | | | |
| Hazardous Substances to be used in job : (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

| | | | | | | | |
|---|---|--|--|---|---|---|---|
|  | Name of On-Site First Aider: | | | | | | |
| | First Aid Box Location: | | | | | | |
| Required Personnel Protective Equipment: |  Safety Boots |  Hard Hats |  Safety Gloves |  Hearing Protection |  Eye Protection |  Respiratory Protection | Other: 1. Hi-Viz 2. Coveralls 3. |



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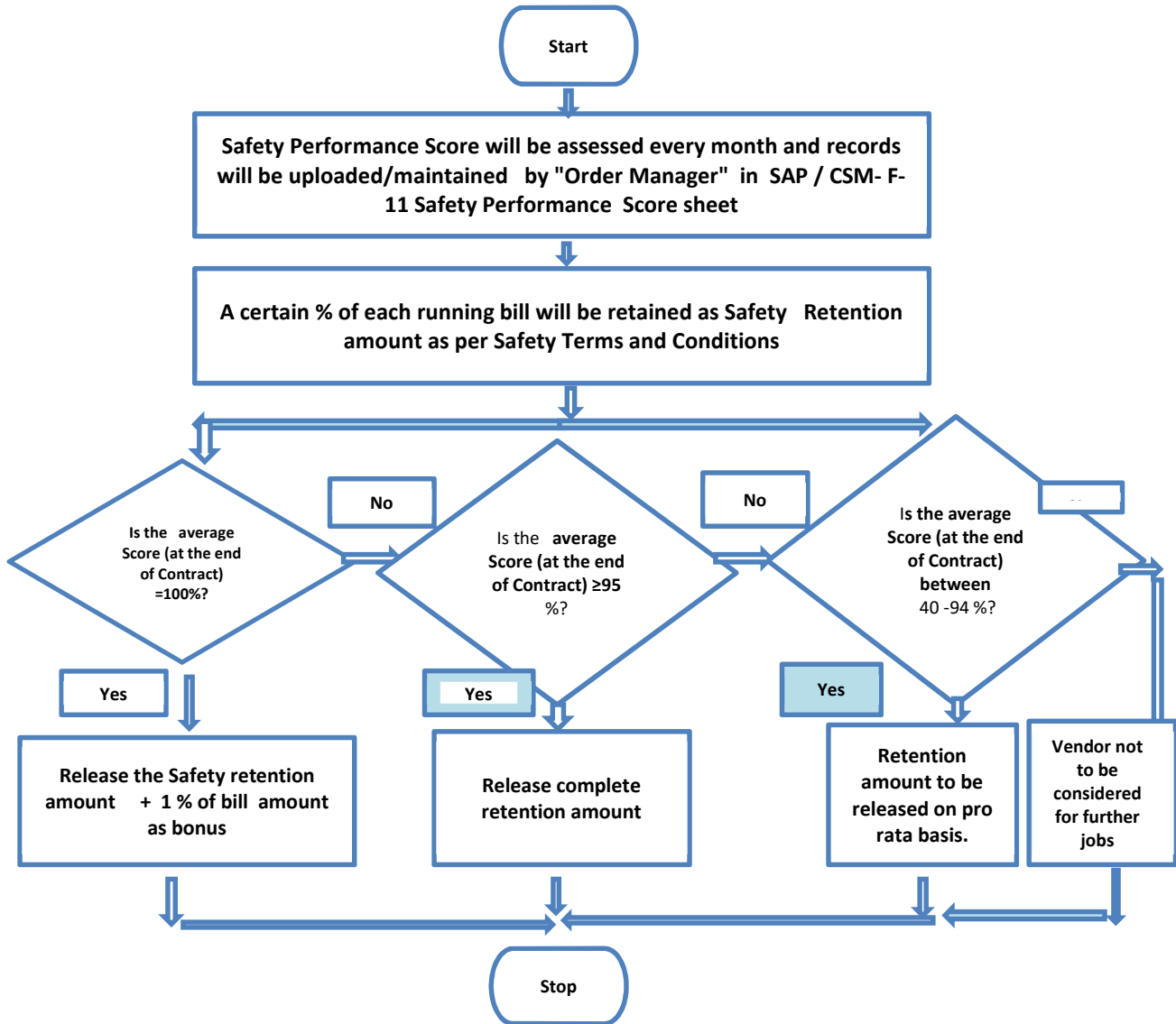
11.0 Occupational Health, Fitness and COVID-19 related Preparedness:

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.



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Appendix 10: Process Flow Chart for Safety Performance Evaluation





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Appendix 11: CSM- F-11 Safety Performance Score

| S. No | Parameter | Unit Measurement | of Target | Weight age | Actual Performance | Actual Score |
|-----------------------|--|--------------------------------|-----------|------------|------------------------------|--------------|
| Lead Indicator | | | | | | |
| 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 | | |
| Lag Indicator | | | | | | |
| 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 | | |
| | | | | | Final Score | |
| | | | | | Invoice Value | |
| | | | | | Amount to be released | |



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Safety Performance Evaluation Criteria

Lead Indicators

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

- 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



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- 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 | | | Remarks |
|--------|--|----------------|--------------|-----------------|
| | | Weight age (%) | Actual Score | |
| 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 | | | Remarks |
|--------|--|----------------|--------------|----------------|
| | | Weight age (%) | Actual Score | |
| 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 |



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| | | | | |
|---|--|-----|--|--|
| 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 |
| | Total | 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) | <table border="1"> <tr> <th colspan="2">Marks</th> </tr> <tr> <td>Statistics available</td> <td>5</td> </tr> <tr> <td>Statistics not available</td> <td>0</td> </tr> </table> | Marks | | Statistics available | 5 | Statistics not available | 0 | | | | |
| Marks | | | | | | | | | | | | |
| Statistics available | 5 | | | | | | | | | | | |
| Statistics not available | 0 | | | | | | | | | | | |
| 2 | Check the trend LTIFR for last 3 years | <table border="1"> <tr> <th>LTIFR value</th> <th>Marks</th> </tr> <tr> <td>0 to 0.2</td> <td>5</td> </tr> <tr> <td>0.21 to 0.3</td> <td>2.5</td> </tr> <tr> <td>>0.3</td> <td>0</td> </tr> </table> | LTIFR value | Marks | 0 to 0.2 | 5 | 0.21 to 0.3 | 2.5 | >0.3 | 0 | | |
| 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 | <table border="1"> <tr> <th>LTISR value</th> <th>Marks</th> </tr> <tr> <td>0 to 2</td> <td>5</td> </tr> <tr> <td>2 to 3</td> <td>2.5</td> </tr> <tr> <td>>3</td> <td>0</td> </tr> </table> | LTISR value | Marks | 0 to 2 | 5 | 2 to 3 | 2.5 | >3 | 0 | | |
| 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? | <table border="1"> <tr> <th colspan="2">Marks</th> </tr> <tr> <td>No Prosecution</td> <td>10</td> </tr> <tr> <td>Prosecution</td> <td>0</td> </tr> </table> <p>To be provided in written on letter head</p> | Marks | | No Prosecution | 10 | Prosecution | 0 | | | | |
| Marks | | | | | | | | | | | | |
| No Prosecution | 10 | | | | | | | | | | | |
| Prosecution | 0 | | | | | | | | | | | |
| | Total | 25 | | | | | | | | | | |

Annexure 12.3



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| 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 | Safety Officer | Marks | |
| | | ≥80% of employees | 5 | |
| | | 50 to 79 % of employee | 2.5 | |
| | | <50% | 0 | |
| | | Safety Supervisor | Marks | |
| | | ≥80% of employees | 10 | |
| | | 50 to 79 % of employee | 6 | |
| | | <50% | 0 | |
| | | Workmen | Marks | |
| | | ≥80% of employees | 10 | |
| | | 50 to 79 % of employee | 6 | |
| | | <50% | 0 | |
| Total | | | 25 | |

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 | |



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



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| | | | | |
|--------------------------------------|---|--|-----------|--|
| Tools & Tackles | 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 | |
| Safety Records | Safety Records | Safety Records for last 3 years (as per vendor or as per our knowledge) – Recommendation? | 15 | |
| Safety Plan | 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 | |
| Accredited Bodies certificate | ISO-9001 | ISO-9001 | 2 | |
| | ISO-14001 | ISO-14001 | 3 | |
| | OHSAS 18001 ISO 45000 | OHSAS 18001/ISO 45000 | 15 | |
| | | Total Score | | |

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 | | |
| | Total Score | | |
| | Site Visit Score | | |

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 |
|-----|--|----------|-------------|---------------|-----------|----------------------|----------|-----------------------|--|-------|-----|------------|------------------|
| Are | | | | | | | | | | | | | |
| a | | | | | | | | | | | | | |
| 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



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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 | | | | |



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| | | | | | |
|----|---|--|--|--|--|
| 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 XI
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 Chief Procurement & Stores e-mail ID: pkjain@tatapower.com.



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ANNEXURE XII
ENVIRONMENT & SUSTAINABILITY POLICY



CORPORATE ENVIRONMENT POLICY

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

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

A handwritten signature in blue ink, appearing to read 'Praveer Sinha', with a horizontal line underneath.

(Praveer Sinha)
CEO & Managing Director

Date: 15th June, 2018

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Lighting up Lives!

