



TAMIL NADU POWER DISTRIBUTION CORPORATION LIMITED

**Tender Specification for supply of 33 KV Outdoor
Potential Transformer for 33/11 KV Substation**

(Through NIC)

SPECIFICATIONNO.M.223/2025-26

**OFFICE OF THE CHIEF ENGINEER
MATERIALS MANAGEMENT
144, ANNASALAI
CHENNAI-600 002
TAMILNADU.**

E-Mail:cemm@tnebnet.org

**Website for online bid submission: <https://tntenders.gov.in>
Service Provider: National Informatics Centre**

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INSTRUCTIONS FOR ONLINE BID SUBMISSION:

The bidders are required to submit soft copies of their bids electronically on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal, prepare their bids in accordance with the requirements and submitting their bids online on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal. More useful information for submitting online bids on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal may be obtained at :<https://tntenders.gov.in>

A. REGISTRATION:

Bidders are required to enroll on the e-Procurement module of the Tamil Nadu Government E procurement Portal (URL:<https://tntenders.gov.in>)

- 1) By clicking on the link "**Online bidder Enrollment**" on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the TAMILNADU E-PROCUREMENT Portal.
- 4) Upon enrolment, the bidders will be required to **register their valid Digital Signature Certificate (DSC)** (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g.Sify//nCode /eMudhraetc.),with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC/ e-Token.

B. SEARCHING FOR TENDER DOCUMENTS:

1. There are various search options built-in in the TAMILNADU GOVERNMENT E-PROCUREMENT Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, where in the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the TAMILNADU GOVERNMENT E-PROCUREMENT Portal

2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders" folder. This would enable the TAMILNADU GOVERNMENT E-PROCUREMENT Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender documents.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/ help from the Helpdesk.

C. PREPARATION OF BIDS:

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid document save to be submitted, the number of documents-including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document /schedule and generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid documents may be scanned with 100dpi with Black and White option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "MySpace" or "Other Important Documents" are available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a deduction in the time required for bid submission process.

D. ELECTRONIC SUBMISSION OF BIDS:

The bidder shall submit online the requirements under qualification criteria and technical documents required and SCHEDULE OF PRICE /BOQ vide SCHEDULE-A. All the documents are required to be signed digitally by the bidder. After electronic online bid submission, the system generates a unique bid reference number which is time stamped. This shall be treated as acknowledgment of bid submission.

E. PROCEDURE FOR SUBMISSION OF BIDS:

- 1) Bidder should log- in to the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as “**online**” to pay the tender fee / EMD as applicable and enter details of the instrument.
 - i. The online payment Gateway has been enabled for TNPDCL in TN Tenders portal (www.tntenders.gov.in). All the payments for the tenders like EMD will be carried out by the Bidders only through online payment mode.
 - ii. The EMD amount should be the exact amount and no excess or less amount should be transferred through **online payment gateway**. If excess or short, the tender status will be shown as invalid.
- 4) The bidder has to submit the tender document online well in advance before the prescribed time to avoid any delay or problem during the submission process. If there is any delay, due to other issues, bidder only is responsible.
- 5) Bidder should prepare the EMD as per the instructions specified in the tender document. After confirming the EMD paid amount / Exemption uploaded, then only the system will allow to submit the technical and financial bids.
- 6) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled-up by the bidder. Bidders are required to download the BOQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder etc). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 7) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 8) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys.
- 9) The uploaded bid documents become readable only after the tender opening by the authorized bid openers.
- 10) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 11) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
- 12) In all cases, bidder should use their own ID and Password along with Digital Signature certificate at the time of submission of their bid.
- 13) During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.
- 14) The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- 15) All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply.
- 16) It is mandatory that all the bids are submitted with digital signature certificate otherwise the same will not be accepted by the system.
- 17) TNPDCL reserves the right to cancel or reject or accept or withdraw or extend the tender in full or in part as the case may be without assigning any reason thereof.
- 18) The server time shall be treated as final and binding. Bids recorded in the server before the bid closing time will only be treated as valid bid. Bidders are, therefore,

advised to submit their bids well before the closing time of e-tender. If any bid reaches the server after the bid closing time as per server time, the same will not be recorded and no complaint in this regard shall be entertained. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.

- 19) Bidders are advised to exercise caution in quoting their bids in e-tender and e-reverse auction as the case may be to avoid any mistake. Bids once submitted can't be recalled.
- 20) Any order resulting from this bidding process shall be governed by the terms and conditions mentioned in the tender documents.
- 21) No deviation to the technical and commercial terms & conditions are allowed.

F. ASSISTANCE TO BIDDERS:

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online e-bid submission or queries relating to TAMIL NADU GOVERNMENT E PROCUREMENT Portal in general may be directed to the 24x7 TAMIL NADU GOVERNMENT E PROCUREMENT Portal Help desk.

TAMILNADU POWER DISTRIBUTION CORPORATION LIMITED

Online e-bids are invited from eligible and prospective bidders for the supply of 33 KV (1 phase) Outdoor Potential Transformer for 33/11KV SS through e-tender portal of <http://tntenders.gov.in>

1)	Tender Specification No.	M. 223/2025-26
2)	Name of the work	E- tender for procurement of 33 KV (1 phase) Outdoor Potential Transformer for 33/11KV SS.
3)	Tendered Quantity	200 Nos. of 33 KV (1 phase) Outdoor Potential Transformer
4)	Method of Tender	e-Tender Two Part System (Part I - Techno – Commercial and Part II - Price bid)through https://tntenders.gov.in
5)	(a) Earnest Money Deposit (EMD)	Rs. 70,000.00 (Rupees Seventy Thousand Only)
	TNPDCL Bank Details:	
	Name of the beneficiary:	Chief Financial Controller /TNPDCL/144, Anna salai, TANGEDCO Ltd/Chennai, TamilNadu-600002.
	Bank Name :	CANARA BANK
	Bank Address:	800, Electricity Avenue, Mount Road, Anna salai, Chennai-02, Pincode 600 002.
	9Digit MICR code of the Bank Branch	600015024
	Bank Account No	0911201003004
	11 Digit IFSC code of beneficiary branch	CNRB0000911
	Permanent account No.(PAN)	AADCT4784E
	Swift code	CNRBINBBBBFD
	i)The Online payment Gateway has been enabled for TNPDCL in TN Tenders Portal. (www.tntenders.gov.in). All the payments for the tenders like EMD will be carried out by the Bidders only through online payment mode. ii) The EMD amount should be the exact amount and no excess or less amount should be transferred through online payment gateway . If excess or short, the tender status will be shown as invalid.	
	(b) Bank Guarantee	Bank Guarantee for Rs. 70,000.00 (Rupees Seventy Thousand Only) for One year.
	(c) Permanent EMD	PEMD holders of Rs.20 Lakh and above at TNPDCL Head quarters held on or after 03.12.2021 are eligible to participate in the tender.

	(d) SSI Units	SSI Units located inside the state of Tamil Nadu are eligible for exemption of EMD against submission of documents as detailed in Section-I.
6)	URL for online bid submission for e-tender.	https://tntenders.gov.in https://tntenders.gov.in/nicgep/app
7)	Date of closing of online e-tender for submission of Techno Commercial Bid & Price Bid.	06.01.2026 @ 14:30 Hrs
8)	Date & time of opening of tender electronically	07.01.2026 @ 15:00 Hrs
9)	Specification at website	TNPDCL web site (www.tangedco.org) & https://tntenders.gov.in The prospective bidders may download the same.
10)	Documents to be duly filled & uploaded by the Tenderers during e-submission	EMD documents, BQR evidences, Price bid (Filled up BoQ), Technical & Commercial documents, Schedules (B to K), Annexures and other documents whichever is applicable.
11)	Tenderers during e-submission Clarification to be sought for from	Chief Engineer/Materials Management, 4 th Floor/ Western Wing, NPKRR Maaligai, 144,AnnaSalai,Chennai-600002 Email: cemm@tnebnet.org
12)	Place at which tenders will be opened	The Superintending Engineer, Material Management-III/Schemes, 4 th Floor/Western Wing, NPKRR Maaligai, 144 Anna Salai, Chennai-600002.

Remarks:

If the due date for opening the tenders happens to be declared holiday, then the tender will be opened on the next working day, for which no prior intimation will be given.

Sd/-
CHIEF ENGINEER
MATERIAL MANAGEMENT

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SPECIFICATION NO.M.223 / 2025-26

**E-TENDER FOR SUPPLY OF 33 KV (1 phase) OUTDOOR POTENTIAL TRANSFORMER
FOR 33/11 KV SS**

Sl. No.		DESCRIPTION
1	SECTION – I	EARNEST MONEY DEPOSIT
2	SECTION – II	BID QUALIFICATION REQUIREMENTS
3	SECTION – III	REJECTION OF TENDERS
4	SECTION – IV	INSTRUCTIONS TO THE TENDERERS
5	SECTION – V	COMMERCIAL
6	SECTION – VI	TECHNICAL SPECIFICATION
7	SECTION – VII	SCHEDULES (A TO K)
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SECTION – I **EARNEST MONEY DEPOSIT**

1.0. Tenderer should pay the specified amount towards Earnest Money Deposit as follows :

Earnest Money Deposit: Rs. 70,000.00 (Rupees Seventy Thousand Only)

2.0. **Mode of Payment: through “ONLINE ONLY”**

- i. The online payment Gateway has been enabled for TNPDCL in TN Tenders portal (www.tntenders.gov.in). All the payments for the tenders like EMD will be carried out by the Bidders only through online payment mode.
- ii. The EMD amount should be the exact amount and no excess or less amount should be transferred through **online payment gateway**. If excess or short, the tender status will be shown as invalid.
- iii. The payment shall be made well prior to the due date of Tender opening.

EMD Exemption:

If submitting EMD as BG/PEMD/Udyam(SSI) (as mentioned in the specification), then select the exempted from EMD payment as “YES”. Then upload the EMD exemption documents only in “pdf/jpg” files.

OR

b) Tenderer should furnish a Bank Guarantee Rs. 70,000.00 (Rupees Seventy Thousand Only) EMD amount with a validity for a period of one year, obtained from the Nationalised or Scheduled Bank as per the format enclosed in **ANNEXURE-IV** **along with an undertaking in lieu of EMD.**

The scanned copy of the BG and undertaking shall be uploaded in the EMD document. The original BG shall be furnished to the office of SE/MM-III within 3 working days from the date of tender opening.

3.0 PEMD holders of Rs.20 Lakh and above with TNPDCL (Erstwhile TANGEDCO) Head Quarters, held on or after 03.12.2021, are eligible to participate in this tender.

Firms who have PEMD in TNPDCL (Erstwhile TANGEDCO) less than that specified above are not eligible to participate on the basis of the PEMD even for lesser quantity and value. If the tenderer desires to become a Permanent E.M.D. holder, he is advised to deposit the required amount with the TNPDCL (Erstwhile TANGEDCO) as Permanent E.M.D. well in advance, obtain a certificate from the Financial Controller / Purchase and upload copy of the same along with the tender. PEMD of TANTRANSCO will not be considered for TNPDCL (Erstwhile TANGEDCO) tenders.

3.1 Scanned copy of proof of PEMD **with an undertaking in lieu of EMD** shall be uploaded along with the tender.

4.0 The EMD will not carry any interest.

5.0 EXEMPTION FOR PAYMENT OF EARNEST MONEY DEPOSIT (EMD):

5.1 The following categories of Industries are exempted from payment of EMD:

- i) SSI Units located inside the state of Tamil Nadu registered under Udyam portal for the tendered item (clearly mentioning the 5 digit NIC code- 27102/27900).
- ii) Departments of the Government of Tamil Nadu.
- iii) Undertakings and Corporations owned by the Government of Tamil Nadu.
- iv) Labour Contract Co-operative Societies of Tamil Nadu
- v) The Tenderers who are having valid Permanent EMD with TNPDCL.

5.2 Micro/SSI units located **within the state of Tamil Nadu** are exempted from payment of EMD, only against production of **UDYAM** registration and shall upload Udyam Registration Certificate (with NIC code- 27102/27900) as proof of eligibility for exemption from payment of EMD.

5.3 **The SSI Units located outside the state of Tamil Nadu are not eligible for exemption from payment of EMD** even though registered in udyam portal for tendered items.

5.4 Micro / SSI units having provisional registration certificate are not eligible for exemption.

5.5 Those tenderers who are exempted from payment of EMD either against PEMD or SSI units located within state of Tamil Nadu shall furnish an undertaking in lieu of EMD and shall upload a scanned copy of the undertaking in lieu o EMD in the form as per Annexure-I to the effect to pay as penalty an amount equivalent to EMD in the event of non-fulfillment or non-observance of any of the conditions stipulated in the contract consequent to such breach of contract. The State Government, Public Sector Undertakings who are exempted from payment of EMD shall also pay as penalty an amount equivalent to the amount fixed as EMD in the event of non-fulfillment or non-observance of any of the conditions stipulated in the contract.

a) **TENDERS RECEIVED WITHOUT THIS UNDERTAKING WILL BE SUMMARILY REJECTED.**

b) Tender will be rejected if the undertaking is not signed/authenticated in all pages of undertaking.

c) Signature of witnesses should be affixed at the end of undertaking along with details of name and address.

5.6. The Tenderer is deemed to accept to pay the amount equivalent to EMD immediately when a demand is raised by Board against the Tenderer without any demur in the event of the following.

1. If he withdraws his tender or backs out after acceptance of the tender or fails to remit the Security Deposit.
2. If he revises any of the terms quoted during the validity period.
3. If he violates any of the conditions of the tender specification.

6.0. Government of India, Ministry of MSME Notification:

6.1. Government of India, Ministry of MSME, vide notification No.S.O.2119(E) dated 26.06.2020 has notified certain composite criteria for classifying the enterprises as Micro, Small and Medium Enterprises and insisted Udyam registration in Udyam Registration Portal to obtain an e certificate Viz. Udyam Registration certificate calculation of turnover, calculation of investment, Registration of existing Enterprises and Updation and transition period in classification. The above notification may be adhered to by the tenderers and TNPDCL will adopt the guidelines issued therein in evaluation of bids submitted by the tenderers.

MSME Ministry vide Notification No.S.O.1364(E) dated 21.03.2025 had increased the limits stipulated on the composite criteria of investment in plant & machinery or equipments and turnover and this comes into effect from 01.04.2025 onwards. The order for enhancement of limits for composite criteria for classification of Micro, Small, Medium enterprises for exemption from payment of EMD and purchase preference to Domestic SSI Units to consider in tender is issued vide (per) CMD TNPDCL Proceedings No.08 (Accounts Branch) dt.28.04.2025.

6.2. An enterprise shall be classified as a micro, small or medium enterprises on the basis of the following criteria, namely:

- i) A micro enterprise, where the investment in plant and machinery or equipment does not exceed 2.5 crore rupees and turnover does not exceed 10 crore rupees;
- ii) A small enterprise, where the investment in plant and machinery or equipment does not exceed 25 crores rupees and turnover does not exceed 100 crores rupees; and
- iii) A medium enterprise, where the investment in plant and machinery or equipment does not exceed 125 crore rupees and turnover does not exceed 500 hundred crore rupees.

6.3. Registration of existing enterprises:

- i) All the existing enterprises shall register under Udyam Registration.
- ii) An enterprise registered with any other organization under the Ministry of Micro, Small and Medium Enterprises shall also register itself under Udyam Registration.

7.0. Others viz. Central and other State Government Departments / Undertakings and Corporations other than those in Tamil Nadu shall have to pay Earnest Money Deposit.

- 8.0. The MSME units of Micro and Small category within Tamil Nadu shall upload Photocopy of UDYAM Registration certificate for the tendered item, as a proof of eligibility for exemption from payment of EMD.
- 9.0. The firm registered in Udyam Portal under Medium Scale is not eligible for exemption of EMD.
- 10.0. The tenderers shall upload the audited, attested copy of Profit and Loss account/ Balance Sheet and Investment value in Plant and Machinery certified by a Chartered accountant along with the proof for exemption from payment of EMD. If the above documents are not furnished along with the proof of exemption of EMD and Undertaking, the tenders will not be evaluated.

11.0 REFUND OF EMD:

- (i) The Earnest Money Deposit will be automatically refunded to the unsuccessful tenderers after technical evaluation.
- (ii) The EMD for successful tenderer who happens to be other than L1, then EMD will be automatically refund after issue of AOC (Award of contract).
- (iii) The EMD will be retained in the case of successful tenderer and will not carry any interest.
- (iv) The EMD deposit will be adjusted in the Security cum Performance Guarantee for the successful tenderers.

12.0. The following documents as applicable shall be uploaded by the bidder during submission of Techno-commercial bid for payment of EMD failing which the offer will be SUMMARILY REJECTED:

- (i) The scanned copy of Bank Guarantee.
- (ii) The proof for PEMD with TNPDCL with an undertaking inlieu of EMD.
- (iii) The proof of exemption of EMD with an undertaking inlieu of EMD with documents in support of investment held in plant and machinery and Annual turnover.
- (iv) In case of submission of Bank Guarantee for payment of EMD, the original Bank Guarantee towards EMD amount should be submitted to the office of SE/MM-III within 3 working days from the date of tender opening.

13.0. The Earnest Money Deposit (EMD) furnished by the tenderer will be forfeited after e-tender opening if:

- (a) They withdraw the tender or backs out after acceptance.
- (b) They withdraw the tender before the expiry of validity period stipulated in the Specification or fail to remit the Security Deposit cum performance Guarantee.

- (c) They violate any of the provisions of these regulations contained herein.
- (d) They revise any of the terms quoted during the validity period.
- (e) The documents furnished with the offer is found to be bogus or the documents contain false particulars, the EMD paid by the tenderers will be forfeited in addition to blacklisting them for future tenders/contracts in TNPDCL
- (f) If the tenderer participating with PEMD backs out, an amount equivalent to EMD of this tender will be forfeited.

Sd/-
CHIEF ENGINEER
MATERIAL MANAGEMENT

SECTION-II
BID QUALIFICATION REQUIREMENTS FOR 33 KV OUTDOOR POTENTIAL
TRANSFORMER FOR 33/11 KV SUBSTATION

The Bidders shall become eligible to bid on satisfying the following Bid Qualification Requirements and uploading the required documentary evidences (SCANNED COPIES) along with tender:

- 1) The bidder shall be a manufacturer of the tendered material or higher rating and necessary proof for manufacture of the same viz Manufacturing License / Factory License/ ISO certificate/ Udyam Registration Certificate shall be furnished. Only individual bidder must quote. If the bids are received through consortium, the same will not be considered and the bids will be rejected. Tenders received from Agents / Dealers will not be considered..
- 2) The Bidder shall have manufactured and supplied satisfactorily a minimum of **20 Nos.** 33KV or higher KV rating Outdoor Potential Transformers during the preceding ten years as on date of tender opening to any State Electricity Boards / **Public Power Utilities** / Central (or) State Public Sector undertaking in India. Out of which at least **10 Nos.** supplied by the bidder should have been in satisfactory operation for a minimum period of two years during the last ten years as on date of tender opening. Copies of purchase orders for the above along with end user's certificate for satisfactory completion of supply and performance from end user for satisfactory continuous operation shall be furnished in proof for the above.
- 3) The Annual Turnover of the Bidders shall be more than **Rs. 21,40,000/-** (Rupees Twenty One Lakhs and Forty thousand only) in any one of the last three financial years (ie.) 2021-22, 2022-23 & 2023-24. The Bidder shall furnish the Audited financial statements like Profit and loss A/c statement and balance sheet pertaining to the above three years (or) Annual turnover certificate certified by the practicing Charted Accountant along with their **UDIN** for the above three years as a proof of annual turnover. The Bidder should upload the Annual Turnover details for all the three years.
- 4) **Type Test:**
 - a) Tenderers should upload along with offer, copy of Type test reports for the tendered material / equipment of their make in full shape should have been conducted within **Five years (5 years)** as on the date of Tender opening as per relevant IS & IEC. Type test reports should have been issued by the

Government Laboratory / Government recognised Laboratory or NABL accredited Standard Laboratories.

- b) In the event of not having type Test reports, for the tests prescribed as per **Schedule –K**, for the tendered materials/ equipments, the offer of the bidders who have furnished Type Test Reports for 33 KV Outdoor Potential Transformers conducted within 7 years as on date of Tender opening with any accuracy 0.5/0.2 will be considered for further evaluation subject to furnishing of an undertaking in a Non-judicial stamp paper of value not less than Rs.500/- stating that Type Test Report for the tendered material /equipment as per requirement /specification of TNPDCL will be furnished before offering the 1st lot of materials for inspection, in case an order is placed on them.
- c) The above type test certificates should accompany the drawings of the material / equipments, duly signed under seal by the Institution who had issued the type test certificate.
The original type test certificates shall be furnished for verification on request.
The details of type test should also be furnished in the **Schedule – K**

NOTE: The offer of the bidders who have stated to be previous suppliers to TNEB/ TNPDCL (Erstwhile TANGEDCO) /TANTRANSCO will be considered for further evaluation, even though they have not enclosed copies of purchase orders or End user certificate etc., after ensuring with the purchase orders placing authorities. However, the tenderer has to furnish the Purchase Order No. and Date of Issue along with the details of Purchase Order issuing authority in Schedule-C.

The bidder shall upload documentary evidence for the Bid Qualification Requirements along with the Tender, failing which their offer will be summarily rejected.

The offers of Bidders not satisfying the above "Bid Qualification Requirements" will be summarily rejected.

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CHIEF ENGINEER
MATERIAL MANAGEMENT

SECTION-III **REJECTION OF TENDERS**

I. Tenders will be **SUMMARILY** rejected if;

- a. The EMD requirements are not complied with.
- b. If the bids are received through Consortium or Joint venture, the same will not be considered and the bids will be rejected. Tenders received from Agents/Dealers will not be considered.
- c. The Bid Qualification Requirements (**BQR**) as per **Section-II** of this Specification are not satisfied.
- d. Not providing documentary evidence in support of Bid Qualification Requirements
- e. The offer of bidder who have quoted a quantity lesser than the minimum quantity prescribed in **clause 5.4 under section IV** of the specification shall be summarily rejected.
- f. The documents furnished with the offer are found to be bogus or the documents contains any false particulars, the EMD paid by the tenderer will be forfeited in addition to black listing them for future tenders in TNPDCL.
- g. The BOQ (Price bid) file is found to be modified by the bidder.
- h. If the copy of BG uploaded in the Techno-commercial bid differs from the original BG Submitted in the office of SE/MM-III.
- i. If the original Bank Guarantee towards EMD is not furnished at the office of SE/MM-III within 3 working days from the date of tender opening.

II Tender is **LIABLE** to be rejected, if it is:

- a. Not covering the entire scope of supply of materials.
- b. **If the declaration as specified in Schedule - D is not signed and enclosed**
- c. With validity period less than that stipulated in this specification.
- d. Not in conformity with TNPDCL's Commercial terms and Technical Specifications (**Section-V & VI**).
- e. Received from a tenderer who is directly or indirectly connected with Government service or Board Service or services of local authority.
- f. From any blacklisted Firm or Contractor.
- g. Received by Telex/Telegram/E-Mail/Fax
- h. From a tenderer whose past performance/Vendor rating is not satisfactory
- i. Not containing all required particulars as per Schedule **A to K**.
- j. Questionnaire A & B as per **Schedule-F** is not duly filled up and properly signed by the tenderer.
- k. The offer of bidders who have not furnished the GSTIN Number.

Sd/-
CHIEF ENGINEER
MATERIAL MANAGEMENT

SECTION – IV
INSTRUCTION TO TENDERERS.

- 1.1 The Tamil Nadu Transparency in Tender Act 1998 and the Tamil Nadu Transparency in Tender Rules 2000 and subsequent amendments thereof are applicable to this tender.**
- 1.2 The tender is in **Two Part System** with (i). Technical Bid with Commercial terms & conditions and (ii). Price Bid (BOQ). All the tenders shall be prepared and uploaded strictly in accordance with the instructions set forth herein.
- 1.3. **THE TENDERERS WHO DO NOT FULLFILL THE "BID QUALIFICATION REQUIREMENT" AS PER SECTION-II NEED NOT PARTICIPATE IN THE TENDER. OFFERS NOT SATISFYING THIS "BID QUALIFICATION REQUIREMENTS" WILL NOT BE CONSIDERED AND WILL BE SUMMARILY REJECTED.**
- 1.4. All the documents submitted by the tenderer shall be serially numbered.

2.0. SCOPE OF SUPPLY :

- 2.1. The Scope of supply of materials (described in Schedule-A) includes design, manufacture, inspection, testing, packing, forwarding, and delivery of the materials detailed herein, at TNPDCL stores anywhere in Tamil Nadu.
- 2.2. The quantity indicated in schedule of requirement is approximate. The indent will be placed subsequently as and when there is requirement, up to the last date of validity of contract. The quantity finally ordered may vary to the extent of 25% either way of the approximate quantity indicated in the Schedule of requirement. The purchaser reserves the right to issue any number of indents for supply of materials during the contract period.

3.0. SUBMISSION OF TENDER OFFER:

The tenderer is expected to examine all instructions, Schedules and Annexures detailed in the Specification and submit the Schedule of Prices and other required particulars in the Schedules and Annexures called for in this Specification, only as per the formats prescribed herein.

3.1. TWO PART E-TENDER:

1. The e-tender shall have Techno-Commercial Bid and Financial Bid.
2. Techno-Commercial Bid shall contain Technical Bid with Commercial Terms (i.e.) BQR document and other documents (PAN, GSTIN, etc.,) called for in this specification except Price Schedule.

3. Financial Bid shall contain the Financial Bid (BOQ format).
4. The Tenderers are requested to quote price & HSN code only in the BOQ template available in the e-tender. The bidder shall download the same and upload after filling relevant columns. The BOQ template should not be modified/ replaced by the bidder, else the bid is summarily to be rejected. Bidders are allowed to enter the Bidder Name and rates only.

4.0. QUESTIONNAIRE FILLING:

A Questionnaire is appended as Schedule-F -Questionnaire-A & B in this specification for Bid Qualification Requirements, Commercial and Technical details. It is obligatory on the part of the tenderer to furnish all details as per the "Questionnaire". In case, this is not filled up and signed at the bottom of each page of the questionnaire and enclosed with the offer, the Bid will be liable for rejection.

5.0. SUBMISSION OF TENDERS:

- 5.1 The Tender Offer consisting of **Schedules- B to K** should be filled up and signed by the Tenderer or any person holding Power of Attorney authorizing him to sign on behalf of the Tenderer before submission of the Tender. The date of signature should invariably be indicated. The tender shall contain the name, residence and place of business of person or persons submitting the tender.
- 5.2. In the event of tender being submitted by other than a firm, it must be signed by a partner (copy of partnership deed should be enclosed) and in the event of the absence of any Partner, it shall be signed on his behalf by a person holding a Power of Attorney authorising him to do so, Certified copies of which shall be enclosed.
- 5.3. Tender submitted on behalf of companies registered under the Indian Companies Act, shall be signed by person duly authorised to submit the tender on behalf of the company and shall be accompanied by certified true copies of the resolutions, extracts of the Articles of Association, special or general Power of Attorney etc. to show clearly the title, authority and designation of persons signing the tender on behalf of the company.
- 5.4. **The tenderer shall quote not less than 10% of the tendered quantity i.e. 20 Nos. The offer of the bidders who have quoted for lesser quantity than the minimum quantity prescribed above shall be summarily rejected.**
- 5.5. The tenderer should furnish the GSTIN numbers in the offer.
- 5.6. Bidders are not required to sign in each page of the tender specification. Instead bidders are required to sign a declaration document as specified in **SCHEDULE-J** of the specification.

6.0. Modifications / Clarifications to Tender Documents:

- 6.1. At any time after the commencement of e-Tender and before the closing of the event, TNPDCL may make any changes, modifications or amendments to the tender documents and same will be intimated to the concerned Vendors through corrigendum which can be downloaded from the Vendor login.
- 6.2. In case any tenderer asks for a clarification to the tender documents before 48 hours of opening of tenders, the Chief Engineer /Material Management / TNPDCL/ Chennai-2 will clarify the same.
- 6.3. If any tenderer raises clarifications after the opening of the tender, the clarified reply issued by the Chief Engineer/Material Management, TNPDCL, Chennai- 600 002 on the clarifications will be final and binding on the Tender.
- 6.4. All tender offers shall be prepared by typing or printing in the formats enclosed with this specification.
- 6.5. All information in the tender offer shall be in ENGLISH only. It shall not contain interlineations, erasures or overwriting except as necessary to correct errors made by the tenderer. Such erasures or other changes in the tender documents shall be attested by the persons signing the tender offer.

7.0. QUOTATION OF RATES:

- 7.1. Rates should be quoted in the BoQ only (Price schedule in tntenders portal)
- 7.2. Offers giving lump sum price, without giving their breakup as per details required in the attached Price **Schedule-A** (BoQ) shall be liable for rejection.

8.0. PRINTED TERMS AND CONDITIONS IN TENDERS:

Supplier's printed terms and conditions will not be considered as forming part of the tender under any circumstances.

9.0. INCOMPLETE TENDERS:

Tender, which is incomplete, obscure or irregular is liable for rejection.

10.0. AMBIGUITIES IN CONDITIONS OF TENDERS:

In the case of ambiguous or contradictory terms / conditions mentioned in the bid, interpretation as may be advantageous to the purchaser may be taken without any reference to the Tenderer.

11.0 DISQUALIFICATION OF TENDERS:

- 11.1. The tender offer shall contain full information asked for in the accompanying schedules and elsewhere in the specification.
- 11.2. Tenderers shall bear all costs associated with the participation in the e-Tender and the **purchaser** will in no case be responsible or liable for these costs.

- 11.3. No offer shall be withdrawn by the Tenderer in the interval between the deadline for submission and the expiry of the period of validity specified / extended validity of the tender offer.
- 11.4. Attempt by any tenderer to bring to bear extraneous pressure on the Tender Accepting Authority shall be sufficient reason to disqualify the tender as per Rule 27 (3) of Tamil Nadu Transparency in Tenders Rules 2000.
- 11.5. **Only Manufacturers must quote.** If the bids are received through Consortium, the same will not be considered and the bids will be rejected.
The Tenderers are requested to furnish the exact location of their factories with detailed postal address and pin code, contact person, Phone, Mobile, Fax Nos. etc. in their tenders so as to arrange inspection by the TNPDCL, if considered necessary.
- 11.6. Telex/Fax/E-Mail offers will not be entertained and will be rejected.

12.0. DESTINATIONS-WHERE MATERIALS ARE REQUIRED:

- 12.1 The prices quoted should be on FOR Destination basis for delivery to the circles anywhere in Tamil Nadu as per the Despatch Instruction

13.0. TENDER OPENING:

13.1 OPENING OF COMMERCIAL & TECHNICAL BIDS WITHOUT PRICE:

(PART –I)

The Tender offers except price Bid will be opened electronically at Hrs. on the date notified at the Office of the Superintending Engineer/ Material Management-III, 4th Floor, Western Wing, NPKRR Maaligai, 144, Anna Salai, Chennai-600 002, through <https://tntenders.gov.in>.

- 13.2 If the opening date happens to be a holiday, the tenders will be opened on the succeeding working day without any changes in the timings indicated.
- 13.3. In all cases, the amount of bid security and validity of the bid shall be scrutinized. Thereafter, the bidder's name and such other details as the Tender Inviting Authority may consider appropriate, will be recorded as bid opening summary and the same will be uploaded on the e-procurement portal.

13.4 OPENING OF THE PRICE BIDS : (PART –II)

The date and time of opening of Price Bids shall be later notified through tender portal to the Bidders who full fill the BQR criteria and whose bids are found to be commercially and technically acceptable.

14.0 INFORMATION REQUIRED AND CLARIFICATIONS:

- 14.1 In the process of examination, evaluation and comparison of tender offers, the TNPDCL may at its discretion, ask the Tenderer for a clarification of his offers. All

responses to requests for clarifications shall be in writing to the point only. No change in the price or substance of the offer shall be permitted.

- 14.2 The TNPDCL will examine the tender offers to determine whether they are complete, whether any computation all errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the offers are generally in order.
- 14.3 Prior to the detailed evaluation, the TNPDCL will determine the substantial responsiveness of each offer to the Bidding Documents.
- 14.4 The Tender offers shall be deemed to be under consideration immediately after they are opened and until such time official intimation of award /rejection is made by the Tender Accepting Authority to the tenderers. **The Tenderers shall not make attempts to establish unsolicited and unauthorized contact with the Tender Inviting Authority, Tender Accepting Authority or Tender Scrutiny Committee after the opening of the tender and prior to the notification of the award and any attempt by any tenderers to bring to bear extraneous pressures on the Tender Accepting Authority shall be sufficient reason to disqualify the tenderer.**
- 14.5 After acceptance of the tender by the Tender Accepting Authority, the details will be arranged to be published in the Tender Bulletin of TamilNadu Government.
- 14.6 Mere submission of any Tender offer connected with these documents and Specification shall not constitute any agreement. The tenderer shall have no cause of action or claim, against the TNPDCL for rejection of his offer. The TNPDCL shall always beat liberty to reject or accept TNPDCL any offer or offers at its sole discretion and any such action will not be called into question and the Tenderer shall have no claim in that regard against the TNPDCL.

15.0 EVALUATION AND COMPARISON OF THE TENDER OFFERS:

- 15.1 The tenders will be evaluated strictly as per the TamilNadu Transparency in Tenders Act, 1998 and the Tamil Nadu Transparency in Tender Rules, 2000 and its subsequent amendments till date.
- 15.2 The tender offers received will be examined to determine whether they are in complete shape, all required Data have been furnished, properly signed and generally in order and conforms to all the terms and conditions of the Specification without any deviation.
- 15.3 For the purpose of evaluation of tender offers, the following factors will be taken into account for arriving the evaluated price:
 - a) The quoted price will be corrected for arithmetical errors

- b) In case of discrepancy between the price quoted in words and figures lowest of the two will be considered.
- c) The rate of CGST, SGST and IGST as applicable both in percentage and amount shall be indicated in the offer along with HSN code.
- d) The evaluated price shall be arrived in compliance with the provisions of GST on the Transaction value ie. (Ex works price + P&F +Freight and Insurance) + GST. In case of import of goods would be treated as interstate supplies and would be subject to IGST in addition to applicable Customs duty.
- e) Since GST is enacted wherein all taxes & duties are subsumed price evaluation shall be inclusive of applicable GST in all cases , i.e. even if the bidders are only within the state or bidders are within the state and outside TN.
- f) The bidders should have registered under GST Act and furnish GSTIN.
- g) In the event of bidder is within TN, SGST & CGST shall apply and if the bidder is outside TN, IGST shall apply.

15.4 The rates quoted by the eligible lowest tenderer in the open tender shall be compared with the prevailing market rate and the rates of previous period and if the Tender Accepting Authority is of the view that the quoted rates are too high, the rates will be negotiated and the rate will be determined. All eligible bidders who accept the rate shall be enlisted.

In the event of L1 bidder offered a quantity less than the tendered quantity, the quantity allocation will be made as per the provisions specified in the Tamil Nadu Transparency in Tender rules 2000.

Tie breaker:

When more than one bidder have quoted same value during bid submission and accepted in Finance Evaluation, Evaluator is allowed to select any one combination of bidder value (i.e.the L1 bidder) to initiate for Financial bid resubmission for Tie break

Online negotiation:

Provision to go for on line negotiation has been provided for the Tender Evaluator. The online negotiation process in the portal is similar to the process for negotiation under tie breaker process. However, financial rebid submission can be invited from only one bidder.

15.5 As per the provisions of Tamil Nadu Transparency in Tender Rules 2000, the bidder should not alter the quantity offered in the bid during price negotiation /matching.

15.6 No changes, amendments which materially alter the tendered prices shall be permitted after the opening of the tender, except as per the procedure prescribed in

sub-section (3) of section 10 of the Act the Tamil Nadu Transparency in Tender ACT 1998.

15.7 The TNPDCL also reserves the right to allocate the quantity as per Cl. No. 31.4 of Tamil Nadu Transparency in Tender rules, 2000.

16.0 PURCHASE PREFERENCE:

16.1 Purchase preference may be extended to the Domestic enterprises, Government departments, Public Sector Undertakings, Statutory Boards and other similar institutions, enterprises owned by schedule castes or scheduled Tribes as per the provisions in 30-A , 30-B& 30-C of Tamil Nadu Transparency in Tender Rules 2000.

16.2 PURCHASE PREFERENCE TO DOMESTIC ENTERPRISES:

In case of procurement of goods or services, where it is possible for the procuring entity to divide the award of tenders to more than one supplier or service provider, the tender document shall clearly indicate that up to **twenty five percent** of the total requirement in the procurement may be awarded to domestic enterprise, not being the lowest tender, in respect of only goods manufactured or produced or services provided or rendered by them, if the following conditions are satisfied-

- (a) the lowest tender is not a domestic enterprise;
- (b) the preferential award shall extend only to the lowest tender among the domestic enterprises who are substantially responsive and technically qualified; and
- (c) Such domestic enterprise is willing to match the price of the lowest tender:

Provided that where the Tender Inviting Authority is of the view that in the interest of the participation of domestic enterprise in the tender to avail the above benefit, a less stringent set of technical qualification parameters are required, he shall specify a separate set of technical qualifications for domestic enterprises in the tender documents with the approval of the Government.

16.3 Purchase Preference to Government Departments, Public Sector Undertakings, Statutory Boards and other similar Institutions:

In case of procurement of goods or services, where it is possible for the procuring entity to divide the award of tenders to more than one supplier or service provider, the tender document shall clearly indicate that up to **forty percentage** of the total requirement in the procurement may be awarded to Government departments, Public Sector Undertakings, Statutory Boards and other similar institutions as may be notified by the Government, in respect of only of goods manufactured or

produced or services provided or rendered by them, if such tenderer is willing to match the price of the lowest tender.”

16.4 **Purchase Preference to enterprises owned by schedule castes or scheduled Tribes:**

In case of procurement of goods or services, where it is possible for the procuring entity to divide the award of tenders to more than one supplier or service provider, the tender document shall indicate that **five percent of** the total requirement in the procurement shall be awarded to enterprises owned by persons belonging to the schedules castes or schedules Tribes in respect of only of the goods manufactured or service rendered by it, if the following conditions are satisfied, namely:

- (a) The lowest tenderer is not in enterprises owned by persons belonging to the scheduled Castes or Scheduled Tribes and
- (b) such enterprises are willing to match the price of the lowest tenderer.

16.5 As per section 2 of Tamil Nadu Transparency in Tenders Act 1998 (amended and furnished in Tamil Nadu Government Gazette No.576 dated 29 December 2022), “Domestic enterprise” means any enterprise located in the State, which manufactures or Produces goods or provides or renders services within the State and which fulfills the criteria to qualify as a micro or small enterprise as may be notified by the central Government under clause (1) of section 7 of the Micro, Small and Medium Enterprises Development Act, 2006(Central Act 27 of 2006)”.

Further, enterprises owned by Scheduled Castes or Scheduled Tribes (SC/ST) for claiming the purchase preference as per Tender Rules 30C are

1. The enterprises means any domestic enterprises located in Tamil Nadu owned by any person belonging to a SC/ST.

In case of such domestic enterprise been a sole proprietary firm having registered in Udyam portal located within Tamil Nadu, an undertaking from the sole proprietor, as per **Annexure –VI** should be furnished along with the tender.

(or)

2. Any domestic enterprise, which is a firm or limited liability partnership, having its registered office and place of business in the State, where not less than three-fourths of the partners belong to the Scheduled Castes or Scheduled Tribes.

In case of such domestic enterprise is partnership firm been registered in Udyam portal, a certificate from chartered accountant, as per **Annexure –VII** should be furnished along with the tender.

(or)

3. Any domestic enterprise, which is a company having its registered office and place of business in the State where,

- (i) More than Fifty per cent of the ordinary shareholdings pertain to persons belonging to the Scheduled Casts or Scheduled Tribes; and
- (ii) The control of the company, as defined in section 2 (27) of the companies Act,2013 (Central Act 18 of 2013) vests with persons belonging to the Scheduled Castes or Scheduled Tribes”

In case domestic enterprise is a company having its registered office and place of business in the State, that more than Fifty percent of the ordinary shareholdings pertain to persons belonging to the scheduled Casts or Scheduled Tribes a certificate from practicing company secretary has to be furnished as per **Annexure –VIII** along with the tender.

Note: “Scheduled Castes” and Scheduled Tribes” Shall have the meanings assigned to them respectively under clauses (24) and (25) of Articles 366 of the Constitution. “ State” means the state of “ Tamil Nadu”.

17.0 VALIDITY:

- 17.1 Tender offer shall be kept valid for acceptance for period of **90 days** from the date of opening of offers. The offers with lower validity period are liable for rejection.
- 17.2 Further, the tenderer shall agree to extend the validity of the Bids without altering the substance and prices of their Bid for further periods, if any, required by the TNPDCL
- 17.3 **The rejected bidders shall furnish a consent stating that they are Accepting for revocation of rejection by the TNPDCL within the validity period, if insisted.**

18.0 RIGHTS OF THE TNPDCL:

18.1 Rights to reject the tenders:

- 18.1.1 After negotiation with the Tenderer and before passing the order accepting a tender, if the Tender Accepting Authority decides that the price quoted by such tenderer is higher by the percentage as may be prescribed over the schedule of rates or prevailing market rates, the tender shall be rejected.
- 18.1.2 The Tender Accepting Authority before passing the order accepting a tender, may also reject all the tenders for the reasons such as changes in the scope of procurement, lack of anticipated financial resources, court orders, accidents or calamities and other unforeseen circumstances

18.2 Notwithstanding anything contained in this Specification, the TNPDCL reserves the rights:

- (a) to vary the quantity finally ordered to the extent of 25% either way of the quantity indicated in the Tender document, as the quantity indicated in the schedule of requirement is approximate
- (b) to split the Tendered Quantity and place orders on one or more than one firm as per the Tamil Nadu Transparency in Tender Rules 2000 since the tendered material is so vital in nature and the failure in supply would affect the public interest.
- (c) to recover losses , if any, sustained by TNPDCL, from the supplier who pleads his inability to supply and backs out of his obligation after award of contract. The security deposit paid shall, be forfeited.
- (d) to cancel the orders for not keeping up the delivery schedule.
- (e) to vary the delivery period based on the requirement and contingencies at the time of placing of order.
- (f) to accept the lowest eligible tender.
- (g) to reject any or all the tenders or cancel without assigning any reasons therefore.
- (h) to relax or waive or amend any of the conditions stipulated in the tender Specification wherever deemed necessary in the best interest of the TNPDCL.
- (i) To cancel the order along with the forfeiture of EMD if SD cum Performance guarantee is not furnished within **30 days** from the date of receipt of PO. In that event, the award may be made to subsequent L2 tenderer. The belated payment of Security Deposit shall not be accepted.

18.3 The purchaser reserves the right to request for any additional information and also reserves the right to reject or accept the proposal of any tenderer, if in the opinion of the purchaser, the qualification data is incomplete or in the opinion of the TNPDCL the bidder is found not qualified to satisfactorily perform the contract.

19.0 DEVIATIONS:

19.1 The offers of the Tenderers with Deviations in Commercial terms and Technical Terms of the Tender Document are liable for rejection. Such deviations if any may be furnished in the **Schedule – G**.

19.2 No alternate offer will be accepted.

20.0 BAR OF JURISDICTION

Save as otherwise provided in the Tamil Nadu Transparency in Tenders Act 1998, taken by any officer or authority under this Act shall be called in question in any court, and no injunction shall be granted by any court in respect of any action taken or to be taken by such officer or authority in pursuance of any power conferred by or under this Act.

21.0 APPEAL:

Any Tenderer aggrieved by the order passed by the Tender Accepting Authority under Section-10 of the Tamil Nadu Transparency in Tenders Act 1998 may appeal to the Government within 10 (Ten) days from the date of receipt of order.

22.0. TENDER DOCUMENT

"All the intending e-tenderers are informed that in the event of the documents furnished with the offer being found to be bogus or the documents contain false particulars, the EMD paid by such tenderers will be forfeited in addition to blacklisting them for future tenders / contracts in TNPDCL and also cancelling the award of contract issued to them."

SECTION – V
COMMERCIAL

1.0. SCOPE:

The scope of supply of the materials includes design, manufacture, inspection, testing, packing, forwarding, insuring and delivery of the materials detailed herein, at TNPDCL Stores anywhere in Tamil Nadu.

2.0. PERIOD OF CONTRACT:

The period of contract is **One year** from the date of receipt of Purchase Order.

3.0. DETAILS OF CONSTITUTION OF FIRM:

The tenderers shall furnish documentary evidence for the constitution of the firm such as Memorandum and Articles of Association, Partnership Deed etc. with details of Name, Address, Telephone, FAX Nos. E-Mail, Electricity Board Service Connection No., etc. of the manufacturing plants.

4.0. LEGAL STATUS OF THE FIRM:

The Tenderer should furnish necessary document evidencing their legal status of the firm along with their offer.

5.0. DETAILS OF PURCHASE ORDERS ALREADY EXECUTED:

The tenderers shall furnish documentary evidence with details of various Purchase Orders placed on them by other State Electricity Boards/Power Utilities/Central/State Public Sector and executed during the last **ten years** as on date of tender in the **Schedule: C**.

6.0. PLACING OF ORDERS:

- 6.1. It is not binding on TNPDCL to accept the lowest or any tender. TNPDCL reserves the right to split and place orders for the items with different tenderers and for revising the quantities at the time of placing the orders. TNPDCL reserves the right to vary the quantity finally ordered to the extent of 25% either way of the requirement indicated in the tender documents.
- 6.2. The award of contract will be issued to the successful tenderer with all TNPDCL's terms and conditions, duly indicating the approved unit rates per number and the approximate quantity allotted to them. The approved rates will be **FIRM** and valid for **One year** from the date of receipt of Purchase Order.

7.0. PRICE:

- 7.1. The Tenderers are requested to quote **FIRM** price only, valid for the entire contract period **One year** from the date of receipt of Purchase Order.
- 7.2. The Tenderer's shall quote the Ex-works price, Packing & Forwarding charges and

Freight & Insurance charges with applicable rate of GST separately for Delivery to TNPDCL Stores anywhere in Tamil Nadu. A format for price schedule is given **in Schedule 'A'. (Pl. Refer Bill of Quantity- BOQ in Excel format in the specification documents)**

- 7.2.1. The Freight and Insurance charges shall be applicable for delivery to any stores of TNPDCL in Tamil Nadu. Unloading the materials at destination stores should be done by the supplier at his own cost.
- 7.2.2. The above breakup details should be clearly indicated in the **Schedule-A**, in the absence of which the offer shall be liable for rejection.
- 7.3 It is the responsibility of the tenderer to make sure about the correct rates of duty/tax leviable on the materials at the time of tendering. If the rates assumed by the Tenderers are less than the current rates prevailing at the time of tendering, the TNPDCL Ltd will not be responsible for the same. If the rates assumed by the tenderer are higher than the current rates prevailing at the time of tendering, the GST prevailing at the time of tendering will only be paid.
- 7.4. All Type Tests and other tests specified and required in the tender documents shall be conducted at **TENDERER'S COST**.
- 7.5 Unloading the equipments/materials at destination Stores should be done by the supplier at his own cost.

7.6 INPUT TAX CREDIT :

- 7.6.1. The tenderer should quote their rates taking into account the (Input Tax Credit) relief available to them on account of GST already paid.
- 7.6.2. **The benefit of Input Tax Credit (ITC) if any availed by the bidder shall be passed on to TNPDCL.** Necessary GST ITC undertaking as per **SCHEDULE I** shall be submitted by the L1 tenderer after evaluation for compliance with section 171 of GST Act by the bidder.
- 7.6.3. In the event of eligible evaluated bidders submitting the declaration as NIL ITC benefit, a certificate from Chartered Accountant has to be submitted certifying the same since the bidder may be ignorant of provisions of GST Act.
- 7.6.4. As per Letter No. CFC/GI/FC/TAXATION/AAO/F.GSTZEN/D.143/2023 dated 25.04.2023, TNPDCL cannot avail input tax credit from suppliers whose turnover exceeds Rs.10 crores without an e-invoice or e-invoiced debit note or e-invoiced credit note. E-Invoice is a system in which B2B invoices are authenticated electronically by GSTN for further use on the common GST portal. Under the electronic invoicing system, an identification number will be issued against every invoice by the Invoice Registration Portal (IRP) to be managed by the GST Network (GSTN).

The bidders having annual turnover exceeding Rs.10 crores shall claim payment by raising e invoice only.

7.6.5 PERMANENT ACCOUNT NUMBER AND GSTIN NUMBER:

The Tenderer shall indicate the Permanent Account No. in **Schedule 'F'** of the specification and should enclose the details of PAN issued by Government of India, Income Tax Department and **GSTIN number** of the firm with proof with the tender.

8.0. GOODS AND SERVICES TAX [GST]:

8.1. i. Goods and Services Tax [GST] as a modern law, has been brought after Article 366(12A) of the Constitution as amended by 101st Constitutional Amendment Act, 2016. GST is an indirect tax system, commonly used by both the Central Government and the State/UT to final consumption with credit of taxes paid at previous stages available as set off. In a nutshell, only value addition will be taxed and burden of tax Governments on goods and services. GST is a destination based tax on consumption of goods and services. It is proposed to be levied at all stages right from manufacture up to be borne by the final consumer. GST has been rolled out w.e.f. 01.07.2017, across India.

ii. The GST to be levied by the Centre on intra-State supply of goods and /or services would be called the Central GST (CGST) and that to be levied by the States/ Union territory would be called the State GST (SGST)/ UTGST. Similarly, Integrated GST (IGST) will be levied and administered by Centre on every inter-state supply of goods and services.

iii. Any supplier of goods and service Provider of services who makes a taxable supply with an aggregate turnover of over Rs.20 lakhs in a financial year is required to obtain GST registration. In special category states, the aggregate turnover criteria are set at Rs.10 lakhs. In simple words every business whose taxable supply of goods or services under GST (Goods and Service Tax) and whose turnover exceeds the threshold limit of Rs. 20 lakhs / 10 Lakhs as applicable will be required to register as a normal taxable person.

iv. GST Registration Number:

TNPDCL has migrated into GST regime on 15.06.2017 by duly uploading various mandatory data as required by the GST portal. The provisional ID issued to TNPDCL is 33AADCT4784E1ZC. The details are also posted in TNPDCL web portal.

v. GST Registration Number or GSTIN is 15 Digit identification number which is allotted to each applicant who applied for GST Registration. GST Number is completely based on the Pan Number and State code. First two digits represent the state code and another 10 digit represent the PAN number of the client, one digit

represent the entity code (Like proprietorship or partnership etc), one digit is blank and last one is representing check digit.

vi. **Transaction Value:** The value of supply of goods or services or both shall be the transaction value, which is the price actually paid or payable for the said supply of goods or services or both where the supplier and the recipient of the supply are not related and the price is the sole consideration for the supply. Sec 15(1) states that value of supply of goods and service shall be the transaction value i.e. the price actually paid or payable.

The conditions for accepting the transaction value are –

- a) Supplier and the recipient of the supply are not related.
- b) Price is the sole consideration for the supply.

vii. **Composition Scheme:** Composition scheme specifies that registered person whose turnover in the preceding financial year is below certain specified limit (Currently RS.75 lakhs) may intimate the proper officer to pay in lieu of tax payable by him an amount calculated at such rate may be specified.

Eligibility for composition scheme: Sec.10(2) of the central Goods and Services Tax Act, 2017 states that the registered person shall be eligible to opt under sub-section (1), if-

- He is not engaged in the supply of services other than supplies referred to in clause (b) of paragraph 6 of Schedule II;
- He is not engaged in making any supply of goods which are not leviable to tax under this Act;
- He is not engaged in making any inter-State outward supplies of goods;
- He is not engaged in making any supply of goods through an electronic commerce operator who is required to collect tax at source under section 52; and
- He is not a manufacturer of such goods as may be notified by the Government on the recommendations of the Council.

viii. **SUPPLY OF SERVICE AND GOODS :** When there is a combined supply of many goods / services, it has to be determined whether it is a Composite supply or mixed supply of goods or services

(a) **COMPOSITE SUPPLY:** A composite supply is one where all the goods or services or a combination has to be supplied together i.e., naturally bundled and there would be a Principal Supply that could be identified (Ex. Supply of Machinery with packaging, insurance and freight – the principal supply is machinery). In this case, the rate of principal supply will be applied on entire value.

(b) **MIXED SUPPLY:** A mixed supply is one where the goods or services or a combination thereof which could be individually supplied (like Pizza and Coke) but sold together at a single price. In this case, the highest rate to the good in that mix is applied on all the goods. The GST shall be applicable at appropriate prevailing rates as notified by GST Act. In the event of delay in execution of contract, the GST rate prevailing on the scheduled period or on the actual date of execution, whichever is less only will be admitted.

The bidders should have registered under GST Act and furnish GSTIN. In the event of Supplier/contractor is within TN, SGST & CGST shall apply and if the supplier/contractor is outside TN, IGST shall apply.

8.2. The Goods and Services Tax will be paid extra as applicable. The amount of CGST, SGST, and IGST as applicable shall be indicated in percentage payable and amount separately in the tender offer.

8.3. The TNPDCL has been registered as a dealer under GST Act 2017 (Registration No. 33AADCT4784E1ZC)

In case of delayed delivery, the GST prevailing on the date of despatch or on the last day of the contractual delivery period whichever is LESS will be admitted. For both the cases, the supplier shall furnish documentary evidence while submitting the bills for payment.

It is the responsibility of the tenderer to make sure about the correct rates of duty leviable on the material at the time of tendering. If the rates assumed by the Tenderer are less than the current rates prevailing at the time of tendering, the TNPDCL Ltd will not be responsible for the mistake. If the rates assumed by the tenderer are higher than the current rates prevailing at the time of tendering, the GST prevailing at the time of tendering will only be paid.

8.4. Any Variation in GST due to statutory Variation within the contract delivery date shall be considered by the TNPDCL Ltd.

8.5. In case of delayed delivery, the GST prevailed on the date of actual delivery applicable on the date of contractual date of delivery whichever is less shall be admitted.

8.6. **GSTR-2A** of TNPDCL will be verified to ensure the remittance of GST to Govt., by the supplier in respect of this PO. If the GST remitted by the supplier is found lesser than that claimed from TNPDCL, the excess GST paid by TNPDCL will be recovered from the supplier, duly adhering regular procedures. The supplier is requested to file the GST returns promptly to avoid delay in processing/payment of invoices. In case of non-filing of GSTR1 by supplier, the SD, EMD and other payments, if any, due to the supplier may be withheld.

E-Invoice:

The suppliers / contractors, whose annual turnover exceeds Rs.10 crores, to raise invoices, so that TNPDCL could avail Input Tax Credit under GST.

E-Invoice is a system in which B2B invoices are authenticated electronically by GSTN for further use on the common GST portal.

Under the electronic invoicing system, an identification number will be issued against every invoice by the Invoice Registration Portal (IRP) to be managed by the GST Network (GSTN).

8.7. GST – E-Way Bill:

The Government of TamilNadu had notified that e-way bill is required to be generated for intra-state movement (within the state of TamilNadu) for consignment value exceeding Rs.1,00,000 with effect from 2nd June 2018. It may kindly be noted that E-Way bill on interstate movement of goods had been introduced with effect from 1st April 2018 and is required to be generated for movement of goods having consignment value exceeding Rs.50,000. (please refer webpage portal <http://ewaybillgst.gov.in>. for procedure and generation of E-way bill).

8.8. TDS under GST as per Section 51 of the CGST Act, 2017 :-

The Central Government vide Notification No.50/2018 dated 13th September 2018 has notified 1st day of October, 2018 as the date from which the provisions of Tax Deducted at Source (TDS) under GST as per Section 51 of the CGST Act, 2017 shall come into force.

Accordingly, Tax at the rate of 2% (i.e. CGST 1% and SGST 1%) or (IGST 2%) will be deducted from the payment made or credited to the supplier (i.edeductee) of taxable goods or services or both from the invoices raised by the suppliers or service providers.

The Standard Operating Procedure (SOP) issued by CBIC is available in www.cbic.gov.in/resources//htdocs-cbec/gst/28092018SOPONTDS.pdf which can be referred to for further clarification.

8.9. GST on Forfeiture of Security Deposit: -

GST @18% shall be applicable on forfeiture of Security Deposit (SD) and shall be recovered additionally from the Supplier/Contractor.

8.10. Releasing GST portion to Suppliers / Contractors :-

The guidelines for releasing GST portion is attached as **Annexure- V**

8.11. Provision of Section -194Q of IT Act :

1. Any person, being a buyer, who is responsible for paying any sum to any resident

for purchase of goods of value (or) aggregate value exceeding Rs.50 lakhs in any previous year, shall, at the time of credit of such sum to the account of the seller (or) at the time of payment, whichever is earlier, shall deduct an amount equal to 0.1% of such sum exceeding Rs.50 Lakhs as TDS under Section-194Q of IT Act. The supplier of goods is required to furnish the PAN to TNPCL for making the payment. In case the suppliers do not have PAN, TNPCL is required to deduct tax at higher rate as per the provisions of section 206AA. In case of specified person i.e., Any person who has not filed Income Tax return for two previous years immediately before the previous year in which TDS is required to be deducted and the time limit for filing of income tax return u/s 139(1) of the Income Tax Act, 1961 has expired provided the total TDS & TCS in INR is Rs.50,000 (or) more in each of the two previous years the TDS rate u/s 194Q will apply at higher rate u/s.206AB.

2. The provisions of this section shall not apply to the transactions on which tax is deductible under any other provisions of the Income Tax Act 1961 and also on the transactions in which Tax is collectible under the provisions of Section 206C.
3. On purchase of goods/materials, TNPCL shall have the primary and foremost obligation to deduct Tax at source and no tax shall be collected on such transaction u/s.206C(1H). TDS u/s 194Q is also applicable on the Advance paid for purchase of goods.
4. The above provisions comes into effect from 01.07.2021 onwards and hence no TCS under Section 206C(1H) has to be paid by TNPCL on purchase of Goods. Accordingly, TNPCL will deduct TDS under section 194Q on all the purchase of goods exceeding the threshold limit i.e. aggregate credit (or) payment exceeds Rs.50 Lakhs. It is mandatory for vendor to submit the declaration format in **SCHEDULE – H** to determine the applicability of TDS rate u/s 206 AB.
5. In case any procurement of goods/materials are made by TNPCL from overseas supplier and the payment is not taxable to the overseas supplier in India, the TDS under section 194Q will not apply.

9.0. FREIGHT & INSURANCE:

Contracting firms shall arrange insurance for the equipment and all its accessories being supplied by them, through any of the Nationalised Insurance Companies. The equipment shall be insured to cover 60 days storage risk at site. It will be the responsibility of the supplier to replace the defective/ damaged materials and make good the shortages and other losses in transit, free of cost, lodge and recover claim from insurance Under-writers/Carriers.

10.0. PACKING AND FORWARDING:

- 10.1 The equipment and all its accessories shall be securely packed and despatched, freight paid, duly insured, at supplier's risk and cost. The packing may be in accordance with the manufacturer's standard practice. The supplier is responsible for ascertaining the facilities that exist for Road Transport to site. Each package shall be clearly marked and contain detailed packing list, such as gross weight, net weight etc. The supplier is solely responsible for any loss or damage during transport.
- 10.2 The supplier shall be responsible for any damage to the equipment during transit due to improper and inadequate packing.
- 10.3 Only packages constructed out of sound material and of dimensions proportional to the size and weight of contents shall be used.
- 10.4 Components containing glass fragile materials shall be carefully covered with shock absorbing protective material such as expanded polystyrene (Thermocole).
- 10.5 All openings in the equipment shall be tightly covered, plugged or capped to prevent foreign material from entering.
- 10.6 The contents of the packages shall be sealed in thick polythene sheets and all the inside walls of the packages shall be lined with waterproof paper to protect the equipment from damage due to dust and moisture.

The packing shall conform to relevant packing standards. The contractor should however, ensure that the packing is such that the materials reach their destination without damage/loss during transit by Rail or Road and subsequent storage. The words "Handle with care" should be printed on the cartons.

11.0. PAYMENT:

- 11.1. The payment will be made to the supplier by Central Payment against passing of bills by concerned Superintending Engineer/EDCs/CDCs based on submission of claims to the accounts branch of EDCs/CDCs.
- 11.2. The payment for the supplies will be made by e-payment / cheque on any one of the Nationalised Banks / Scheduled Banks approved by Reserve Bank of India in Tamil Nadu based on the dispatch instruction. The Bank charges involved in making the payment will be to the account of the Supplier.

The Supplier has to furnish the following details of the Bank account to which the payment be credited.

- i. Name of the Account Holder
- ii. Name of the Bank
- iii. Name of the Branch
- iv. Account No.
- v. IFSC code of the Branch.

11.3 Payments will not be made for materials damaged during transit. All defective materials shall be replaced by the supplier free of charge.

11.3.1. For the materials delivered within contractual delivery period:

- (i) 100% payment of the all inclusive price (including GST) of the materials of each consignment shall be released to the vendors within a reasonable time, from the date of receipt of materials in good condition at stores and submission of bills with required documents after deducting recoveries, if any.
- (ii) For the delayed payments, if any, the TNPDCL will not pay interest on any account.

11.3.2. For the materials delivered beyond the contractual delivery period if accepted by the purchaser :

- (i) 100% payment of the all inclusive price (including GST) of the materials of each consignment shall be released to the vendors within a reasonable time from the date of receipt of materials in good condition at stores and submission of bills with required documents after deducting LD and other recoveries, if any.
- (ii) For the delayed payments, if any, the TNPDCL will not pay interest on any account.

11.4. In case of delay in supply, the materials will be accepted subject to the following conditions:

- (a) There should be no declining trend in prices.
- (b) If there is any declination, payment will be released as per the latest purchase order rates or lowest rates obtained during the recent tenders opened subject to levy of liquidated damage for belated supplies.
- (c) TNPDCL reserves the right to accept or reject the delayed supplies without assigning any reason there for and take action as per the other terms and conditions of this specification.

11.5. 100% payments will be made only on receipt of the supplier's bills in duplicate and passing of bills by the Superintending Engineer / EDCs /CDCs concerned after **approval / acceptance of the following :**

11.5.1 Acceptance / Approval of PO issuing Authority

- (a) Security Deposit cum Performance Guarantee for 5% value of the order.
- (b) GST Registration Certificate.
- (c) Undertaking towards jurisdiction for legal proceedings
- (d) Guarantee Certificate for the ordered quantity

- (e) Undertaking towards Input tax credit benefit passed on to TNPDCL
- (f) Test Certificate furnished along with offer for supply /Inspection reports after carrying out inspection for the offered quantity of material.

11.5.2. Acceptance of Bill Passing Authority.: (SE / EDC's or CDC's)

- (a) Invoices/Bills
- (b) Guarantee Certificate for the supplied materials against DI issued by CE/MM
- (c) e-way bill as per GST norms for the transport of material against DI issued by CE/MM

11.6. The supplier should despatch only after getting despatch instructions from the Superintending Engineer / Materials Management-III. If the supplier despatches the materials without the prior approval of the purchaser, then the purchaser shall not be responsible for any demurrage or wharfage or both and only the supplier should bear any expenditure arising out of such unapproved despatches.

11.7 The tenderers are requested to contact CFC/General/TNPDCL in regard to the release of payment.

12.0. SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE :-

The successful tenderer will have to pay the Security Deposit cum Performance Guarantee as detailed below:

- 12.1. The successful tenderer/ Supplier will have to furnish 5% of the Purchase order value (All incl . price) as Security Deposit cum Performance Guarantee in the form of Electronic Mode of Payment or DD / Banker's Cheque / Irrevocable Bank guarantee **within 30 days** from the date of receipt of Purchase order. If the successful tenderer / supplier fails to remit the amount / furnish the Security Deposit cum Performance Guarantee within the above stipulated time, the EMD paid by the tenderer / supplier shall be forfeited and Purchase Order will be cancelled without any further reference and order will be placed on the L2 tenderer.
- 12.2 Irrevocable Bank Guarantee will be accepted towards payment of Security deposit cum Performance guarantee for the value of purchase order exceeding Rs.10Lakhs. The above BG should be a single irrevocable Bank Guarantee of 5% of the purchase order value and valid for a **continuous period of 36 months from the anticipated date of receipt of last consignment of goods / materials at site in good condition.** In case of delay in supply, the Guarantee should be extended suitably.
- 12.3. The Security Deposit cum Performance Guarantee will not carry any interest.
- 12.4. The Security Deposit cum Performance Guarantee will be returned /refunded to the supplier after the expiry of the guarantee period ensuring that defects/ damages

during the guarantee period are rectified /replaced. If the purchaser incurs any loss or damages on account of breach of any of the clauses or any other amount arising out of the contract becomes payable by the supplier to the purchaser, then the purchaser will in addition to such other dues that he shall have under law, appropriate the whole or part of the security deposit and such amount that is appropriated will not be refunded to the supplier.

- 12.5. If the performance period of the supplied material over and some quantity of within guarantee period defective materials are still pending for want of repair/replacement then fresh BG equal to the cost of such defective material is to be furnished by the vendor for releasing original SD cum PBG by TNPDCL (purchaser).
- 12.6. In case of the requirement arising for extension of the Bank Guarantee, the extended Bank Guarantee shall have to be submitted to TNPDCL within the date of expiry of the existing Bank Guarantee. In case of failure to submit such extended Bank Guarantee within the due date (expiry date), TNPDCL shall invoke the Bank Guarantee by addressing the Bank directly.
- 12.7 The BG towards SD cum PG should be got extended for its validity before its expiry. In the event of BG validity extension is not made, TNPDCL will invoke the BG before its expiry of validity and proceeds will be credited to TNPDCL's account.

13.0. DELIVERY SCHEDULE:

- 13.1. The following delivery schedule shall be adhered to:
 - (a) **The delivery period is 12 Months from the date of receipt of PO.** The delivery shall commence after one month from the date of receipt of purchase order and shall be completed in 11 (Eleven) months thereafter.
20 Nos. 33KV (1 Phase) Outdoor Potential Transformer shall be supplied in first consignment commencing from the second month from the date of receipt of PO and **18 Nos.** shall be supplied from 2nd consignment upto 11th consignment and the entire quantity shall be supplied within the period of Purchase Order.
 - (b) Based on the requirements and contingencies, TNPDCL has the right to advance /postpone the delivery schedule at the time of placing Purchase order. The quantity due to be supplied in each month will be taken into consideration for the purpose of liquidated Damages clause.
 - (c) Board reserves the right to cancel the quantities not supplied as per delivery schedule. The unsupplied quantities that lapse in the schedule, may be placed on other firms who have ensured timely delivery of material.
 - (d) It is the responsibility of the supplier to give advance information for inspection, despatch of materials and other obligations under the terms and conditions of this

tender/contract in order to deliver the material within the contractual delivery period quoted /agreed.

- 13.2. Tenderers should agree for delivery of materials anywhere in Tamil Nadu State to be stipulated by the Board based on the schedule furnished. The delivery so specified shall be guaranteed by the tenderers under liquidated damages clause.
- 13.3. TNPDCL reserves the right to revise this delivery schedule depending on the actual requirement at the time of placing the purchase order.
- 13.4. TNPDCL also reserves the right to cancel the order if the delivery schedule is not kept up, without any further notice to the supplier.
- 13.5. To ensure sustained supply without any interruption, TNPDCL reserves the right to place orders among more than one tenderer.
- 13.6. The Board will be at liberty to cancel the Purchase order if the supply is not made as per the delivery schedule, notwithstanding its right to claim liquidated damages for the belated supplies and the quantity outstanding to be supplied as on the date of cancellation. The defaulting Suppliers/contractors will be liable to pay to the Board in addition to the liquidated damages for delay, the actual difference in price whenever the Board orders the delayed quantity to be supplied / executed by other agencies at higher rate.
- 13.7. The actual date of receipt of each material with all accessories will be reckoned as the date of delivery for the purpose of calculation of liquidated damages in respect of that material.
- 13.8. The delivery period will not normally be extended. Hence all efforts shall be taken to deliver the materials within the contractual delivery period.
- 13.9. **After the issue of Despatch Instruction, if any delay is caused by the supplier in arranging timely despatches, their poor performance will be taken note of while ordering in future.**
- 13.10 If supplies to be rendered against the contract are made by the supplier beyond the period of delivery stipulated in the contract and they are accepted by the TNPDCL such acceptance is without prejudice to TNPDCL's right to levy liquidated damages for the delay in supply as per the liquidated damages clause. The TNPDCL will also be at liberty to cancel the order, if the supply is not completed within the stipulated delivery period notwithstanding its rights to claim liquidated damages for the belated supplies and quantity outstanding to be supplied as on the date of cancellation.
- 13.11 All supplies should be strictly as per schedule. Any advance supply will be accepted by TNPDCL only based on the requirement.

13.12 At the time of issuing Purchase Order, the quantity allocation and delivery period will be appropriately indicated so as to enable the bidder to supply the material within the said delivery period.

13.13 **The supply shall be effected in such a way that the materials reach the destination stores within the stipulated delivery period.**

14.0. INSPECTION:

14.1. Tenderers are requested to furnish in their tenders the exact location of their factory with detailed address, contact phone/cell no, e-mail id etc. to enable inspection by Board if considered necessary.

14.2 Not less than 15 days advance intimation shall be given about the quantity of materials that will be ready for inspection by the TNPDCL's Officers. The arrangement for inspection shall be made by suppliers in such a way that the delivery schedule is kept up. The materials shall not be despatched without instruction from TNPDCL.

14.3 The quantity offered for the inspection shall be around due quantity for one month. The quantity offered by the firm shall be manufactured and readily available at the time of inspection by TNPDCL officials. If the quantity offered are not available at the time of inspection, the available quantity will be inspected and the balance quantity will be inspected separately after submission of written confirmation by the supplier to the PO placing authority.

14.4. The authorized representatives of the purchaser shall have access to the supplier's works at any time during working hours, for the purpose of inspecting the manufacture of the materials and for testing the selected samples from the materials covered by this specification. The supplier or the sub-vendor shall provide facilities for the above.

14.5. The supplier shall provide all the documents which is necessary to complete the inspections. TNPDCL's representatives shall be allowed to inspect the Supplier's / Contractor's Quality assurance standards, procedures and records.

14.6. The Purchaser's right to inspect and test the materials whenever necessary to reject the materials after arrives at purchaser's store / site, shall no way be limited by the reason for having tested and passed already by the Purchasers's representative prior to materials despatch or inspection waived.

14.7 The acceptance of any quantity of material shall in no way relieve the Supplier of his responsibility for meeting all the requirements of the specification and shall not prevent subsequent rejection, if such materials are later found to be defective.

14.8. The manufacturer shall offer to the inspector representing the purchaser all the reasonable facilities for inspection and testing at free of cost to satisfy him that the material is being supplied in accordance with this specification. The TNPDCL representative/Engineer attending the above testing will carry out testing on suitable number and additional acceptance test as per this specification.

15.0. TESTS:

15.1 Routine Tests:

- i) Routine Test as per IEC/IS of latest issue as amended up to date shall be conducted by the manufacturer for entire quantity in each consignment.
- ii) Routine Test results shall be submitted to the Superintending Engineer/ Materials Management-III and got approved before the despatch of each consignment.

15.2 The purchaser reserves the rights of having such tests or may decide up on being carriedout at site at his own expenses to satisfy himself that the materials have not suffered any damage during transit.

15.3. **TEST CERTIFICATE:**

The Test certificates in triplicate for the materials furnishing the results of the tests as per latest issue of IS/IEC shall be forwarded and got approved before the materials are despatched. In addition to the tests called for in the specification, the Purchaser reserves the right of having such tests as he desires carried out at his own expenses to satisfy himself that the materials conform to the requirement of this specification. The materials may be rejected if the test results are not satisfactory.

15.4. **TEST AT SITE:** (Random Sample test):

If necessary Random samples of materials supplied will be tested (both, Routine & Type Tests and any other special test) through approved NABL accredited Laboratory or at purchasers cost and for any non-conformity to relevant IS and TNPDCL's specification, full supplies will be rejected. If initial payment had already been made, the balance payment will be forfeited and any other losses or damages including testing charges will also be claimed. Future supplies in such cases will be accepted and paid for only after the results of the samples tested are satisfactory. In addition, the guarantee period will also be extended for subsequent supplies at the discretion of the purchaser.

16.0. DESPATCH INSTRUCTIONS (DI):

16.1 Despatch instructions will be issued as per the delivery schedule/in advance if required by TNPDCL. The details of allotment to consignee and destination stores will be furnished in the Despatch Instructions issued and the materials shall reach the respective consignee EDCs.

16.2 The supplier should despatch only after getting despatch instructions from the SE/MM III. If the supplier despatches the materials without the prior approval of the purchaser, then the purchaser shall not be responsible for any demurrage or wharfage or both and only the supplier should bear any expenditure arising out of such unapproved despatches.

17.0. LIQUIDATED DAMAGES:

The delivery as specified should be guaranteed by the supplier under the Liquidated Damages Clauses given below:

17.1. If the supplier fails to deliver the materials within the time specified in the PO or any extension thereof, the purchaser shall recover from the supplier as liquidated damages, a sum of half a percent (0.5%) of the All-inclusive price of the undelivered Materials for each completed week of delay. The total liquidated damages shall not exceed ten percent (10%) of the All-inclusive price of the materials so delayed. The actual date of delivery of complete set of materials with all its accessories at destination stores will be reckoned as date of delivery for this purpose.

If the materials are delivered piece meal, then the date of receipt of last consignment of material will be reckoned as date of delivery. Liquidated damages will also be recovered for the quantity not supplied as is done for the belated supply. It is the responsibility of the suppliers to arrange for inspection, despatch etc. in time to keep up the delivery schedule.

17.2. If supplies to be rendered against the PO are made by the supplier beyond the period of delivery stipulated in the order and if they are accepted by the TNPDCL, such acceptance is without prejudice to the TNPDCL's rights to levy liquidated damages for the delay in supply.

17.3. The TNPDCL will also be at liberty to cancel the order if the supply is not made as per the delivery schedule specified in the P.O., notwithstanding its rights to claim liquidated damages for the belated supplies and quantity outstanding to be supplied as on the date of cancellation.

17.4. The suppliers are liable to pay the amount of loss sustained by the TNPDCL in the event of non-execution of orders, if any placed on them either in full or part to the satisfaction of the TNPDCL under the terms and conditions of contract and in the event of placing orders for such quantities on some others at a higher price.

17.5. Tenderers not giving clear and specific acceptance to the above clauses are liable for rejection.

17.6. If there is any downward trend in prices on account of belated supplies, the tenderers have to accept the same with the levy of liquidated damages, for belated supplies.

17.7. The defaulting contractors will be liable to pay to the TNPDCL in addition to Liquidated Damages for delay, the actual difference in price wherever TNPDCL orders the delayed quantity to be supplied by other agencies at a higher cost. This is without prejudice to other rights under the terms of contract.

18.0. FORCE MAJEURE:

18.1. The supplier shall not be liable for delay in performing his obligations resulting directly or from any force majeure conditions herein defined as:

- (a) Any cause which is beyond the reasonable control of the supplier or purchaser as the case may be.
- (b) Natural phenomena, such as floods, drought, earthquakes and epidemics.
- (c) Act of any Govt. Authority, domestic or foreign, such as wars declared or undeclared quarantines, embargoes licensing control on production or distribution restriction.
- (d) Accident and disruptions such as fire, explosion, increase in power cut with respect to date of tender opening, break down of essential machinery or equipment, etc.
- (e) Strikes, slow down, and lockouts
- (f) Failure or delay in the supplier's source of supply due to force majeure causes enumerated at 'b' to 'e' above shall be considered, provided the supplier produces documentary evidence to show that there were no other alternative source of supply available to him or if available the lead time required was likely to be longer than the duration of the force majeure at the normal source of supply. All the provisions of this clause shall apply whether the disruption cause is total or partial in its effect upon the ability of the supplier to perform.

NOTE: The cause of force majeure condition will be taken into consideration only if the supplier within 15 days from the occurrence of such delay notifies. The purchaser shall verify the facts and grant such extension as the facts justify. For extension due to force majeure conditions, the supplier shall submit his representation with documentary evidence for scrutiny by the purchaser and decision of the purchaser shall be binding on the firm.

18.2. Provided that if the performance in whole or part by the supplier on any obligation under this contract is prevented or delayed by reasons of any eventuality for a period exceeding 60 days, the Board may at its option terminate the contract by a notice in writing.

18.3. The Power cut shall not be considered under force majeure condition. The period of extension shall be decided only by the authority who placed the order, after verifying the evidence for the cause of delay.

19.0. GUARANTEE:

- 19.1. The entire equipment/materials should be guaranteed for satisfactory operation and good workmanship at least for a period of **36 months** from the date of receipt of last consignment of materials at site in good condition.
- 19.2. Any defects noticed during the above period shall be rectified by the supplier free of charge to TNPDCL within 60 days on receipt of instruction/ intimation from the purchaser.
- 19.3. A written guarantee guaranteeing TNPDCL against any defects in the materials supplied or in the Workmanship should be furnished along with the first bills for payment. This should be operative for the period of **36 months** from the date of receipt of last consignment of materials at site in good condition.
- 19.4. Any defects or failure occurring within the guarantee period due to faulty design, poor workmanship and bad quality of raw materials used shall be rectified/replaced free of cost within two (2) months on receipt of intimation from the purchaser on such defects or failures. If they are not rectified or replaced within this period the contractor shall pay the liquidated damages as per the liquidated damages clause in the contract for the delay from the date of receipt of intimation for the defects or failures and it will be noted for future tenders. A guarantee certificate in the above form shall be submitted along with the bills themselves.
- 19.5. The packing shall conform to relevant packing standards. The contractor should however ensure that the packing is such that the materials reach their destination without damage / loss during transit by Rail or Road and subsequent storage. The words "Handle with care" should be printed on the cartons.
- 19.6. The incidental expenses, transport and freight charges for the replacement of defective materials within the guarantee period may also be borne by the supplier.
- 19.7. The tenderers shall guarantee among other things, the following;
 - i) Quality and strength of materials used.
 - ii) Safe electrical and mechanical stresses on all parts of the equipments under all specified conditions.
 - ii) Performance figures given by the tenderers in the Schedule of Guaranteed Technical Particulars.

20.0. LOSS OR DAMAGE

- 20.1. External damages or shortages that are *prima facie*, the results of rough handling in transit or due to defective packing will be intimated within fortnight from the date of receipt of the materials at site. Internal defects, damages or shortages of integral

parts which cannot ordinarily be detected on a superficial visual examination by bad handling in transit or defective packing, would be intimated within 2 months from the date of receipt of materials. In either case, the defective materials shall be replaced/rectified by the supplier, free of cost as per **clause 21.0**.

- 20.2. If during the period of supply, it is found that goods already supplied are defective in material or workmanship or do not conform to specification or unsuitable for the purpose for which they are purchased, then it will be open to the purchaser either to reject the goods or repudiate the entire contract and claim such loss that the purchaser may suffer on that account require the supplier to replace the defective goods, free of cost.
- 20.3. Similarly, if during the guarantee period any of the goods found to be defective in materials or workmanship or do not conform to specification or are unsuitable for the purpose for which they are purchased, it will be open to the purchaser either to repudiate the entire contract and claim damages or accept such parts of the goods that are satisfactory and require the supplier to replace the balance or to claim compensation for the entire loss sustained by the purchaser on that account.
204. In the event of supplies being received damaged or any shortages at the destination stations, the cost of such materials, GST (if payable) and other charges payable thereof will be paid only proportionate to the value of materials received in good condition, unless the damaged goods or short supplies are made good free of cost by the suppliers.
- 20.5. For all legal purposes, the materials shall be deemed to pass into the Board's ownership at the destination Stores, where they are delivered and accepted.

21.0. REPLACEMENT OF DEFECTIVE / DAMAGED MATERIALS:

- 21.1. Notwithstanding anything contained in Liquidated Damages clause of the PO., when the whole or part of the materials supplied by the supplier are found to be defective/damaged or are not in conformity with the specification, such defects or damages in the materials supplied shall be rectified either at the point of destination or at the supplier's works at the cost of the supplier, against proper security and acknowledgment. In the alternative, the defective or damaged materials shall be replaced free of cost within two months on receipt of the intimation from the purchaser.
- 21.2. If the defects or damages are not rectified or replaced within this period, the contractor shall pay a sum towards liquidated damages as per liquidated damages clause given above, for the delay in rectification/replacement of the defects or damages.

- 21.3. If even after such rectification or replacement of the damaged or defective part, if the equipment/materials ordered is not giving the satisfactory performance as per the contract, then it will be open to the purchaser either to reject the goods or repudiate the entire contract and claim such loss sustained by TNPDCL.
- 21.4. Notwithstanding any other remedies available, the Purchaser shall be entitled to dispose of the defective/damaged materials in 'as is where is' condition without further notice, if the contractor/supplier fails to rectify the defect and/or replace the damaged materials and/or fails to remove the defective/damaged materials within such period as may be notified by the Purchaser through notice and the sale proceeds of such disposal shall be appropriated towards the dues to TNPDCL such as Liquidated Damages, ground rent etc., as may be determined by the Purchaser.
- 21.5. The Replacement clause does not hold good for rejection of materials due to non conformation as per relevant IS clause.
- 21.6. In the event of supplies being received damaged or short at the destination stores, the cost of such materials will be paid only proportionate to the value of the materials received in good condition unless the damaged goods or short supplies are made good free of cost to the TNPDCL by the supplier.

22.0. RESPONSIBILITY:

The Tenderer is responsible for delivery of the materials at the destination station in good condition. The tenderer shall include and provide for securely protecting and packing the materials as per relevant packing standards to avoid damages or loss in transit. All risks connected with the supply of these materials should be borne by the supplier.

23.0. FAILURE TO EXECUTE THE PURCHASE ORDER / CONTRACT:

Suppliers failing to execute the order placed on them to the satisfaction of the TNPDCL under the terms and conditions set-forth therein, will be liable to make good the loss sustained by the Board, consequent to the placing of fresh orders elsewhere at higher rate, i.e. the difference between the price accepted in the contract already entered into and the price at which fresh orders have been placed. This is without prejudice to the imposition of penalty under the Liquidated Damages clause and forfeiture of security deposit etc., The tenderer will be recommended for black listing with due notice.

24.0. NON-ASSIGNMENT:-

The supplier shall not assign or transfer the contract or any part thereof without the prior approval of the Purchaser.

25.0. RECOVERY OF DUES:-

- 25.1 The TNPDCL is empowered to recover any dues against this contract in any bills /SecurityDeposit cum Performance / Earnest Money Deposit due to the contractor either in this contractor any other contract with TNPDCL/TANTRANSCO/TNEB Ltd.
- 25.2 The TNPDCL is empowered to recover any dues against any other contracts of the contractor with TNPDCL/TANTRANSCO/TNEB Ltd, with the available amount due to the contractor against this contract. The successful Tenderer shall furnish an undertaking as per **ANNEXURE-III** in a non judicial stamp paper of Rs.500/- agreeing to the above condition.

26.0. RAW MATERIALS:

It is the responsibility of the tenderer to make his own arrangement to procure the necessary raw materials required for the manufacture.

27.0. EFFECTING OF RECOVERIES:

Any loss, arising due to non-fulfillment of this contract or any other contract, will be recovered from the Security Deposit Cum Performance Guarantee/PEMD held and / or any other amount due to the supplier from the Board from this Contract as well as from other contracts.

28.0. GST REGISTRATION CERTIFICATE:

The tenderer should upload the copy of the GST registration certificate in their offer.

29.0. ARBITRATION ACT NOT TO APPLY:

The Board will not accept any arbitration in case of disputes arising in any respect under this contract. Any dispute arising out of this contract shall not be subject to arbitration under the provisions of Arbitration and Conciliation Act 1996 in the event of any dispute between the parties.

30.0. PAST PERFORMANCE:

- 30.1. The intending tenderers shall furnish the details of various supply orders / work contracts executed by them for the past ten years as on the date of Tendering in the proforma enclosed in the Tender Specification as per **Schedule-C** along with end user Certificate for satisfactory performance of the materials supplied.
- 30.2. The details furnished by the tenderers shall be in complete shape and if it is found that any information is found omitted, suppressed, incomplete or incorrect, the same will be taken note for, while dealing with the Tenders in future. Tenders furnished by the tenderers without these accompanying details of their past performance are liable for rejection.

31.0. JURISDICTION FOR LEGAL PROCEEDINGS (AFTER AWARD OF PURCHASE ORDER/CONTRACT):

31.1. No suit or any proceedings in regard to any matter arising in respect of this contract shall be instituted in any court, save in the High Court, Chennai, City Civil Court at Chennai or at the Court of small causes at Chennai. It is agreed that no other court shall have jurisdiction to entertain any suit or proceedings even though, part of the cause of action might arise within their jurisdiction. In case any part of the cause of action might arise within the jurisdiction of any other Courts in Tamil Nadu and rest within the jurisdiction of courts outside the Tamil Nadu, then it is agreed to between the parties that such suits or proceedings shall be instituted in a Court within the State of Tamil Nadu and no other court outside the State of Tamil Nadu shall have jurisdiction even though any part of the cause of action might arise within the jurisdiction of such courts. The successful Tenderer shall furnish an **UNDERTAKING** as per **Schedule-E** in a non-judicial stamp paper of Rs.500/- agreeing to the above condition.

32.0. QUANTITIES:

The quantities mentioned in this specification are only tentative. The purchaser reserves the right to revise the quantities at the time of placing the orders, to the extent of 25% either way of the requirement indicated in the tender document as per the Tamil Nadu Transparency in Tenders Act 1998 and the Tamil Nadu Transparency in tender rules 2000 and subsequent amendments thereof as applicable to this Tender.

Sd/-
CHIEF ENGINEER
MATERIAL MANAGEMENT

SECTION - VI TECHNICAL

TECHNICAL SPECIFICATION FOR 33KV OUTDOOR POTENTIAL TRANSFORMERS

1.0 SCOPE:

This specification provides for design, manufacture, inspection testing before despatch, packing and delivery F.O.R. (Destination) of Outdoor Oil filled Potential Transformers along with TC specified herein for metering purposes in different sub-stations in Tamil Nadu.

2.0. STANDARD:

2.1. The Potential Transformer shall conform in all respects to high standards of engineering, design, workmanship and latest revisions of relevant standards at the time of offer and TNPDC shall have the power to reject any work or material, which, in its judgment, is not in full accordance therewith.

2.2. Unless otherwise specified elsewhere in this specification, the Instrument Transformers shall conform to the latest revisions and amendments thereof of the ISS and IEC standards.

2.3. POTENTIAL TRANSFORMERS:

SL.No	STANDARD NO.	TITLE
1)	IS:3156	Potential transformers
2)	IEC-44 (4)	Instrument Transformer-Measurement of P.Ds
3)	IEC-60060	High voltage testing techniques
4)	IEC-171	Insulation co-ordination
5)	IEC-60270	Partial Discharge Measurement
6)	IS:335/2018 (TYPE2)	Insulating Oil for Transformers
7)	IS:2071	Method of High Voltage Testing
8)	IS:2099	High Voltage Porcelain Bushings
9)	IS:2147	Degree of protection provided by enclosure for low voltage, switchgear and control
10)	IS:3347	Dimensions of Porcelain for transformer bushings
11)	IEC:8263	Method for RIV test on high voltage insulators.
12)	IS:5621	For Bushings
13)	IS:5561	For Electrical power connector/Terminal connector

14)	IS 16227(Part 1 to 5):2015	Instrument transformer
15)	IS-2633/IS-2639	Hot dip galvanising/Zinc coating

Equipment meeting with the requirements of other authoritative Standards, which ensure equal or better performance than the standards mentioned above, shall also be considered. When the equipment offered by the Bidder conforms to other standards salient points of difference between standards adopted and the standards specified in this specification shall be clearly brought out in the relevant schedule. Two copies of such standards with authentic translation in English shall be furnished along with the offer.

Besides the above the standard minimum safety clearances stipulated in IE Rules shall also be complied with.

3.0. CLEARANCE :

All clearance of live parts between phases and to earthed metal parts of equipments shall be adequate for maximum service voltage or normal plus 10% and shall conform to IS : 3156 of the latest issue unless specified otherwise.

4.0. CAPACITY :

All the equipments detailed in this specification shall be capable of operating continuously under the severest operating conditions in the tropics with humid atmospheric conditions without deterioration or damage. The entire equipment shall also be suitable for continuous operation of voltage 10% above the normal and frequency variation of plus or minus 5%.

5.0. PRINCIPAL PARAMETERS :

The Potential Transformers covered in this specification shall meet the technical requirements listed hereunder.

PRINCIPAL TECHNICAL PARAMETERS OF O/D PTs :

5.1	Type	33KV Single phase Potential transformer, Outdoor (Electromagnetic type) oil filled, selfcooled, with terminal connectors suitable for effectively earthed system.
5.2	Type of mounting	Structure mounting type
5.3	Normal system Voltage	33 KV
5.4	Highest system Voltage	36 KV (rms)

5.5	Frequency	50 c/s
5.6	Voltage ratio (a) rated primary voltage (KV RMS) (b) secondary voltage(V)	33 KV / $\sqrt{3}$ 110 V / $\sqrt{3}$
5.7.	Method of earthing system where the EMVT will be installed.	Effectively earthed
5.8.	1.2/50 microsecond lightning impulse withstand voltage (KVP)	170 KV
5.9.	1 minute dry power frequency on the porcelain bushing withstand voltage (KV rms)	70KV
5.10.	Min. creepage distance of porcelain (mm)	900mm
5.11.	Rated voltage factor	1.5 for 30 seconds
5.12.	1 minute power frequency withstand voltage for secondary winding (KV) rms	3 KV rms
5.13.	Maximum temperature rise over ambient of 50 degree C	As per IEC-186
5.14	Rated total thermal burden	100 VA per phase
5.15.	Accuracy class	Class 0.2

6.0. GENERAL TECHNICAL REQUIREMENTS:

The insulation of the Potential Transformer shall be designed such that the internal insulation shall have higher electrical withstand capability than the external insulation. The designed dielectrics withstand values of external and internal insulations shall be clearly brought out in the guaranteed technical particulars. The dielectric withstand values specified in the specification are meant for the fully assembled Potential Transformers.

6.1. PORCELAIN HOUSING:

The details of location and type of joint, if provided on the porcelain shall be furnished by the Bidder along with the offer. The housing shall be made of homogeneous, vitreous, porcelain of high mechanical and dielectric strength, glazing of porcelain shall be of uniform brown or dark brown colour with a smooth surface arranged to shed away rain water or condensed water particles (fog). The profile of porcelain shall be aerodynamic type as per IEC-815.

Details of attachment of metallic flanges to the porcelain shall be brought in the offer.

TANK:

The metal tanks shall have a bare minimum number of welded joints so as to minimize possible locations of oil leakage. The metal tank shall be made out of mild steel/stainless steel/ aluminium alloy, depending on the requirement. Welding in horizontal plane is to be avoided as welding at this location may give way due to vibrations during transport resulting in oil leakage. Supplier has to obtain specific approval from purchaser for any horizontal welding used in the bottom tank.

6.2. PAINTING, GALVANISING AND CLIMATE PROOFING:

All interiors and exteriors of enclosures, cabinets and other metal parts shall be thoroughly cleaned to remove all rust, scales, corrosion, grease and other adhering foreign matter and the surfaces treated by phosphating (e.g seven tank phosphating sequence). After such preparation of surfaces, two coats of zinc oxide primer shall be given by suitable stoving and air drying before final painting. Colour of the final paints shall be shade No.697 of IS-5. The finally painted cubicle shall present aesthetically pleasing appearance and shall be free from any dent or uneven surface. Complete details of painting, galvanizing and climate proofing of the equipment shall be furnished in the offer.

Paint inside the metallic housing shall be of anti condensation type and the paint on outside surfaces shall be suitable for outdoor installation.

All components shall be given adequate treatment of climate proofing as per IS-3202 so as to withstand corrosive and severe service conditions.

The tank and all metal parts not suitable for painting such as structural steel, pipes levers, linkages nuts and bolts used in other than current path etc. shall be hot dip galvanized as per IS-2629.

6.3. INSULATING OIL:

Insulating oil required for first filling of the Potential Transformer shall be covered in Bidder's scope of supply. The oil shall meet the requirements of latest edition of IS: 335/2018 (TYPE2) .

6.4. PREVENTION OF OIL LEAKAGES AND ENTRY OF MOISTURE:

6.4.1 The supplier shall ensure that the sealing of Potential Transformer is properly achieved. In this connection the arrangement provided by the supplier at various locations including the following ones shall be described, supported by the sectional drawings.

- (i) Locations of emergence of primary and secondary terminals.
- (ii) Interface between porcelain housing and metal tanks.
- (iii) Cover of the secondary terminal box.

6.4.2. Nuts and bolts or screws used for fixation of the interfacing porcelain bushings for Taking out terminals shall be provided on flanges cemented to the bushings and on the porcelain.

6.4.3. For gasketed joints, wherever used nitrile butyl rubber gaskets shall be used. The gasket shall be fitted in properly machined groove/ plane surface with adequate space for accommodating the gasket under compression. Rubber 'O' rings shall be used for sealing. Aging test shall be conducted on the gaskets as detailed in Schedule – F.1 and the test certificates produced for verification.

6.4.4. During inspection, each Potential Transformer will be subjected to a pressure test at 0.7 kg/ sq. cm for 8 hrs.

6.5. OIL LEVEL INDICATORS:

Potential Transformers supplied shall be provided with prismatic type oil sight window at suitable location so that the oil level is clearly visible to naked eye to an observer standing at ground level. If metal bellow is used for the above purpose a ground glass window /bellow level indicator shall be provided to monitor the position of metal bellow.

6.6. EARTHING:

Two grounding terminals on diagonally opposite sides of adequate size suitable for connecting MS Flat size of 50 mm x50mm x 8 mm shall be provided by the TNPCL for connection to station earth-mat. HV Neutral Terminal and body marked distinctly and physically well separated. The terminal of high voltage winding intended to be

earthed shall be brought out through a bushing, insulated from case or frame to be earthed by a separate arrangement.

6.7. LIFTING ARRANGEMENTS:

Potential Transformers shall be provided with suitable lifting arrangement to the entire unit. The lifting arrangement shall be clearly shown in the general arrangement drawing. Lifting arrangement (lifting eye) shall be positioned in such a way so as to avoid any damage to the porcelain housing or the tanks during lifting for installation/transport. Necessary string guides shall be supplied which shall be of removable type.

6.8. NAME PLATE:

The Potential Transformer shall be provided with, non-corrosive, legible name plate with the information specified in relevant standards, duly engraved/punched on it. The EMVT shall be provided with a rating plate with dimensions and markings as per IS: 3156. The markings shall be punched and not painted.

The following data may be duly engraved / punched on the name plate.

- (a) Manufacturer's Name.
- (b) Manufacturer's Serial No. and type.
- (c) Year of manufacture.
- (d) Rated Primary and secondary voltage.
- (e) Rated accuracy class and Burden
- (f) Highest system voltage.
- (g) Rated insulation level.
- (h) Rated voltage factor.
- (i) Number of cores.
- (j) Quantity of oil.
- (k) Total Weight.
- (l) Purchase Order No Full Reference
- (m) Guarantee Period
- (n) Electrical Connection Diagram

6.9. TERMINAL CONNECTOR:

The Terminal Connectors (TC) required for connection of the Potential Transformer to the purchaser's bus bar, shall be in supplier's scope. The TC shall be suitable for ACSR ZEBRA conductor with suitable bi-metallic strip. The TC shall be suitable for vertical and horizontal take off.

The Terminal Connectors shall meet the following requirements.

- (i) Terminal connectors shall be manufactured and tested as per IS-5561.
- (ii) All casting shall be free from blow holes, surface blisters, cracks and cavities. All sharp edges and corners shall be blurred and rounded off.
- (iii) No part of a clamp shall be less than 10mm thick
- (iv) All Ferrous parts shall be galvanized conforming to IS-2633
- (v) For bimetallic connectors, copper alloy liner of minimum thickness of 2mm shall be cast integral with aluminium body.
- (vi) Flexible connectors shall be made from tinned copper.
- (vii) All current carrying parts shall be designed and manufactured to have minimum contact resistance.
- (viii) Connectors shall be designed to be Corona free in accordance with the requirements stipulated in IS: 5561. The sharp edges shall be rounded off.
- (ix) The temperature rise on any part of equipment shall not exceed the maximum temperature rise specified below under the conditions specified in test clauses. The permissible temperature rise indicated is for a maximum ambient temperature of 50°C.

Sl. No.	Nature of the part or of the Liquid	Temperature	Maximum value of Temp. Rise at a max. Ambient air temp. not exceeding 50°C
01	Contacts in air, silver-faced copper, copper alloy or aluminium alloy (see Notes (i) & (ii))	105	55
	Bare copper or Tinned aluminium alloy	75	25
02.	Contacts in oil. Silver –faced copper, copper alloy or aluminium alloy (see Note –ii)	90	40
	Bare copper or tinned aluminium alloy.	80	30
03.	Terminals to be connected to external conductors by screws or bolts silver-	105	55

	faced(see note-iii). Bare copper or Tinned aluminium alloy.	90	40
04.	Metal parts acting as springs	See note-iv	See note-iv
05.	Metal parts in contact with insulation of the following classes. Class-Y:(For Non impregnated materials) Class-A: (For materials immersed in oil or impregnated) Class-E: In Air In oil Class-B: In Air In oil Class-F: In Air In oil Enamel : oil base Synthetic, in air Synthetic, in oil	90 100 120 100 130 100 155 100 100 120 100	40 50 70 50 80 50 105 50 70 50
06.	Any part of metal or of insulating material in contact with oil except contacts	100	50
07.	Oil	50	40

NOTES:

- (i) When applying the temperature rise of 55°C care should be taken to ensure that no damage is caused to the surrounding insulating materials.
- (ii) The quality of the silver facing shall be such that a layer of silver remains at the point of contact after the mechanical endurance test. Otherwise, the contacts shall be regarded as "bare".
- (iii) The values of temperature and temperature rise are valid whether or not the conductor connected to the terminals is Silver-faced.
- (iv) The temperature shall not reach a value where the elasticity of the material is impaired. For pure copper, this implies a temperature limit of 80°C.

6.10. GENERAL FEATURES:

Primary winding shall be made out of high conductivity copper. Suitably insulated copper wire of electrolytic grade shall be used for secondary windings. Type of insulation used shall be described. The secondary windings shall be protected by HRC fuses. A bellow level indicator shall be provided to take care of volumetric expansion of oil. All metal parts not suitable for painting such as structural steel, pipes levers, linkages nuts and bolts used in other than current path etc. shall be hot dip galvanized as per IS 2629.

The PT shall be provided with a rating plate with dimensions and markings as per IS : 16227. The marking shall be punched and not painted.

The castings of base, collar etc. shall be die cast and tested before assembly to detect cracks and voids if any, and the base frame may provide in size of length 300 mm and breadth 225 mm with 20 mm horizontal slotted holes from the distance of 50mm from both the end. The Potential transformer base support thickness should be 6 mm.

6.11. WINDING :

Electrolytic copper shall be used for both primary and secondary windings.

6.12. PRIMARY WINDING FOR 33KV POTENTIAL TRANSFORMERS:

All primaries of potential transformers will be connected in phase to neutral with the neutral point solidly earthed. The neutral of the system is also solidly earthed. Suitable link may be provided in between the neutral and earth.

6.13. SECONDARY WINDING FOR 33KV POTENTIAL TRANSFORMERS:

All Potential Transformers for phase to ground connection shall be provided with winding rated for $110V/\sqrt{3} V$.

6.14. TERMINALS:

Electrolytic copper shall be used for both primary and secondary terminals.

6.15. PRIMARY TERMINALS FOR 33KV POTENTIAL TRANSFORMERS:

The primary terminals shall be of heavily tinned electrolytic copper of 99.9% conductivity /Aluminium. The minimum thickness of tinning shall be 15 microns. The primary terminal on the tank shall be not less than 80mm length and 30mm diameter copper.

6.16. SECONDARY TERMINALS:

The Secondary terminals shall be brought out in a weather proof terminal box. The terminal box shall be provided with removable gland plate and glands suitable for 1100V grade, PVC insulated, PVC sheathed multi core 2.5 sq.mm to 6 sq.mm. Stranded copper conductor cable. The dimensions of the terminal box and its openings shall be adequate to enable easy access and working space with use of normal tools and measuring instrument such as tong type milli ammeters. The terminal box shall be dust and vermin proof. Suitable arrangements shall be made for drying of air inside the secondary terminal box. The outer cover of secondary terminal box shall have provision for sealing by way of insertion of wire in bolt hole. The terminal blocks shall be stud type and provided with ferrules indelibly marked or numbered and their identifications shall correspond to the design on the relevant wiring diagram.

Secondary winding terminal studs shall be provided with at least three nuts, plain and spring washers. The studs, nuts and washers shall be of brass, duly nickel plated. The minimum outside diameter of the studs shall be 6mm. The length of at least 35mm shall be available on the studs for inserting the leads.

Polarity shall be indelibly marked on each primary and secondary terminal.

6.17. TEMPERATURE RISE:

The Potential Transformers shall be designed to limit the temperature rise of windings to 55 ° C above the ambient temperature of 45 ° C. The temperature rise at 1.1 times rated primary voltage when applied continuously at rated frequency and at rated burden shall not exceed the limits specified above and the temperature rise at 1.5 times rated primary voltage when applied for 30 seconds starting from previous suitable operating conditions at rated frequency and rated burden shall not exceed the above temperature limits by more than 10 ° C.

6.18. ASSEMBLY:

During manufacture strict quality control should be adopted. The equipment should be dried under vacuum in the hot chamber. Voids should be avoided to minimise partial discharges. Suitable transformer oil should be filled up under vacuum immediately after drying is over. Oil filling and drain plugs may be provided.

6.19.FITTINGS AND ACCESSORIES :

The Potential Transformer shall be provided with the following list of fittings.

- (a) Name plate with rating and connection diagram.
- (b) Lifting lugs.
- (c) Earthing terminal.
- (d) Oil filling hole with cap.
- (e) Oil level gauge / bellow level indicator
- (f) HV terminal connectors.
- (g) Cable gland.
- (h) Protective fuses in the LV side.
- (i) Any other fittings as per the manufacturer's practice.
- (j) Nitrogen filling valve with cap.
- (k) Pressure relief valve/Stainless Steel bellows.
- (l) Secondary terminal box with removable undrilled gland plate.
- (m) Oil level sight window.
- (n) Oil Sampling valve/drain valve
- (o) Terminal connectors suitable for connecting 15.81 mm dia of ACSR LEOPARD conductor.

6.20. PACKING AND FORWARDING:

The equipment shall be packed in crates suitable for vertical/horizontal transport, as the case may be and suitable to withstand handling transport and outdoor storage during transit. The supplier shall be responsible for any damage to the equipment during transit due to improper and inadequate packing and handling. The easily damageable material shall be carefully packed and marked with the appropriate caution symbols. Wherever necessary, proper arrangement for lifting, such as lifting hooks etc., shall be provided. Any material found short inside the packing cases shall be supplied by supplier without any extra cost.

Each consignment shall be accompanied by a detailed packing list containing the following information.

- (a) Name of the consignee.
- (b) Details of consignment.
- (c) Destination.
- (d) Total weight of consignment.

- (e) Handling and unpacking instructions.
- (f) Bill of material indicating contents of each package.

The supplier shall ensure that the bill of material is approved by the TANGEDCO before dispatch.

6.21. LIST OF DRAWINGS AND DOCUMENTS:

All drawings shall conform to relevant international standards organization (ISO) specification. All drawings shall be in ink and suitable for micro filming. All dimensions and data shall be in S.S.I units. The Bidder shall furnish the following drawings along with his offer.

- (a) General outline and assembly drawings of the equipment.
Graphs showing other performance of equipments in regard to magnetization characteristics.
- (b) Sectional views showing
 - (i) General constructional features.
 - (ii) Materials/Gaskets/ sealing used.
 - (iii) The insulation of the winding arrangements, Method of connection of the primary/secondary winding to the primary/secondary terminals etc.,
- (c) Schematic drawing.
- (d) Test reports, literature, pamphlets of the bought out items and raw materials.

The supplier shall within 1 week of placement of order, submit four sets of final versions of all the above drawings for TNPDCL's approval. The TNPDCL's shall communicate its comments/approval on the drawings to the supplier within reasonable time. The Supplier shall, if necessary, modify the drawings and resubmit four copies of the modified drawings for TNPDCL's approval. After receipt of TNPDCL's approval, the supplier shall within two Weeks, submit 6 prints and two good qualities reproducible of the approved drawings for TNPDCL's use.

The manufacturing of the equipment shall be strictly in accordance with the approved drawings and no deviation shall be permitted without the written approval of the TNPDCL. All manufacturing and fabrication work in connection with the equipment prior to the approval of the drawing shall be at the supplier's risk.

The following shall be supplied to each consignee circle along with the initial supply of the equipments ordered.

- (a) Five copies of printed and bound volumes of operation, maintenance and erection manuals in English along with the copies of approved drawings and type test reports etc.

- (ii) Three sets of the Manuals detailed in item (i) shall be supplied to the SE/MM - III within one week from the date of approval of drawings.
- (iii) It should be noted that if the above conditions are not fulfilled, the initial payment will not be released.

6.22. QUALITY ASSURANCE PLAN :

The bidder shall furnish the following information along with his offer.

Statement giving list of important raw materials, names of sub suppliers for the raw material, list of standards according to which the raw material are tested, list of tests normally carried out on raw material in the presence of Bidder's representative.

List of manufacturing facilities available.

Level of automation achieved and list of areas where manual processing exists.

List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections.

Special features provided in the equipment to make it maintenance free.

List of testing equipment available with the Bidder for final testing of equipment specified and test plan limitation, if any, vis-à-vis type, special, acceptance and routine tests specified in the relevant standards. This intimation shall be very clearly brought out in schedule of deviations from specified test equipments.

The supplier shall within 30 days of placement of order, submit following information to the TNPDCL.

List of raw material as well as bought out accessories and the names of sub-suppliers selected from the lists furnished along with offer.

Type test certificates of the raw materials and brought out accessories.

Quality Assurance Plan (QAP) with hold points for TNPDCL's inspection. The Quality Assurance Plan withhold points shall be discussed between the TNPDCL and supplier before the QAP is finalized.

The supplier shall submit the routine test certificates of bought out items and for raw material at the time of routine testing of the fully assembled equipment.

6.23. INSPECTION:

The TNPDCL shall have access at all times to the works and all other places of manufacture, where the Potential Transformers are being manufactured and the supplier shall provide TNPDCL's representative all facilities for unrestricted inspection of the works, raw materials, manufacture of all the accessories and for conducting necessary tests.

The supplier shall keep the TNPDCL informed in advance of the time of starting and of the progress of manufacture of equipment in its various stages so that arrangements could be made for inspection.

No material shall be despatched from its point of manufacture unless the material has been satisfactorily inspected and tested.

The acceptance of any quantity of the equipment shall in no way relieve the supplier of his responsibility for meeting all the requirement of this specification and shall, not prevent subsequent rejection if such equipment are later found to be defective.

7.0. TESTS :

7.1. TYPE TEST:

Type test reports for the tendered material / equipment of their make in full shape should have been conducted within FIVE years (5 years) as on the date of Tender opening as per relevant IS & IEC. Type test reports should have been issued by the Government Laboratory / Government recognised Laboratory or NABL accredited Standard Laboratories.

The above type test certificates should accompany the drawings of the material/equipments, duly signed under seal by the Institution who had issued the type test certificate.

In respect of Type Test done in NABL Accredited Labs, relevant Accreditation certificate shall be furnished.

The original type test certificates shall be furnished for verification on request. The details of type test should also be furnished.

7.2 ROUTINE TEST

Each of completely assembled PT's shall be subjected to the following routine test at the manufactures work by the manufacturer in accordance with the details specified in the relevant standard.

- (i). Verification of terminal marking and polarity.
- ii). High Voltage power frequency tests on primary windings.
- (iii). High Voltage power frequency tests on secondary windings.
- (iv). Partial discharge measurement.
- (v). Determination of errors according to the requirement of appropriate accuracy class.

7.3 ACCEPTANCE TEST

These tests are to be carried out for the random selected PT's by the TNPDCL representative from the offered quantity by the manufacturer in accordance with the relevant standard in the presence of TNPDCL representative. In addition to the routine tests, the acceptance test also cover the physical check of the dimensions and parameters as per the technical specification, guarantee technical particulars and the approved drawing of the PT. Despatches will be allowed only after these tests have been found to be in order at the premises of manufacturer.

The manufacturers shall have requisite testing facility for routine and acceptance test and should clearly indicate the same in the technical bid.

The TNPDCL has option to conduct routine test on the samples from the consignment of material received at our concerned area stores before its acceptance. The test shall be conducted in any independent NABL accredited laboratory like ERDA, CPRI etc.. In case the sample units fails in any of the test, the entire lot shall be rejected.

The routine test results shall be forwarded to the Superintending Engineer/MM-III, 4th Floor, NPKRR Maaligai, 144, Anna Salai, Chennai-2 in five copies for scrutiny and approval. The equipments may be rejected if the test results are not satisfactory. One copy of the test results shall be sent along with the equipment despatched.

The equipments should be despatched only after obtaining necessary test certificate approval and despatch instructions from the purchaser. The purchaser will not be responsible for any demurrges, wharfage etc. due to any despatches made without prior approval.

Immediately after finalisation of the programme of acceptance/ routine testing, the supplier shall give sufficient advance intimation at least 15 days in advance to the TNPDCL, to enable to depute its representative for witnessing the tests.

8.0. quantity and delivery requirements:-

Quantity and delivery requirements is set out in the Clause – 10.0 Section VI – Commercial section of this specification.

The scope of supply shall include a supply of 2.5% extra quantity of bolts, nuts, washers, split pins, cotter pins and such other small loose items free of cost

9.0 INSPECTION :

The supplier will keep the Purchaser informed in advance of the time of the starting and the progress of manufacture of equipment in its various stages so that

arrangement could be made for inspection. The accredited representative of the TNPDCL will have access to the supplier's or his subcontractor's work at any time during working hours for the purpose of inspecting the materials during manufacturing of the materials / equipment and testing and may select test samples from the materials going into plant and equipment.

The supplier will provide the facilities for testing such samples at any time including access to drawings and production data at no charge to Purchaser. As soon as the materials are ready the supplier will duly send intimation to TNPDCL by Regd. Post and carry out the tests in the presence of representative of the TNPDCL. If TNPDCL feels necessary may select one sample from the lot at factory to send for testing at CPRI/NTL or any other standard laboratory. If the sample fails in the test the inspection & testing charges in this connection should be borne by the supplier.

Not less than 15 days advance intimation shall be given about the quantity of materials that will be ready for inspection by the Board's officers / Third Party Agency authorised by the Board. The arrangement for inspection shall be made by supplies in such a way that the delivery schedule is kept up. The materials shall not be despatched without instruction from Board.

The dispatches will be affected only if the test results comply with the specification. The dispatches will be made only after the inspection by the TNPDCL Officer is completed to the PURCHASER satisfaction or such inspection is waived by the competent authority. The acceptance of any quantity of materials will in no way relieve the supplier of its responsibility for meeting all the requirements of this specification and will not prevent subsequent rejection if such materials are later found to be defective or deviation from specification/IS.

The supplier will give 15 days advance intimation to enable the Purchaser depute his representative for witnessing the acceptance and routine tests.

Should any inspected or tested materials / equipment fail to conform to the specification, the Purchaser may reject the materials and supplier will either replace the rejected materials or make alterations necessary to meet specifications requirements free of costs to the Purchaser.

After delivery of materials at TNPDCL Store the materials may be verified/retested in full or taking random samples before acceptance. In case of any deviation to the specification, GTP or IS found during the tests the ENTIRE lot will be rejected or will have to be replaced by supplier.

10.0 REJECTION :

Purchase reserves the right to reject any equipment if during the tests at works or at site, the test values achieved, do not comply with the respective standards specifications and exceed the tolerable limits.

Contractor shall replace a rejected material with a new equipment complying with the guaranteed values as promptly as possible and at no extra cost to the Purchaser. Purchaser reserves the right to retain any rejected equipment and take it into service until the contractor supplies the new equipment.

Rejection of any equipment will not be held as a valid reason for delay in timely completion of the work.

Sd/-
CHIEF ENGINEER
MATERIAL MANAGEMENT

SECTION-VII
SCHEDULES

Sl.No.	Contents
A	Price Schedule
B	Guaranteed Technical Particulars
B1	Schedule of materials and delivery period
C	Statement of Supply orders Executed/ Under Execution during the past Ten Years as on the date of Tender
D	Declaration Form
E	Undertaking towards Jurisdiction of Legal Proceedings
F	Questionnaire
G	Commercial and Technical Deviation
H	Declaration pursuant to Section 206AB
I	Undertaking towards Input tax Credit Benefit
J	Tender Acceptance Letter
K	Statement of Type Test Particulars

SCHEDULE -A
PRICE SCHEDULE
(To be filled in by the Tenderer)

Sl. No.	Description	Quantity (Tentative) In Nos	HSN Code (***)	<u>Unit Price in Rupees</u>						
				Unit Ex- Works price	Packing and Forwardin g Charges	Freight & Insurance charges*	CGST & SGST/ IGST			
				Rs. P.	Rs. P.	Rs. P.	In Percentage	Amount (4+5+6) *7/100		
		1	2	3	4	5	6	7	8	9
1.	33KV (1Phase) Outdoor Potential Transforme rs	200		TO BE FILLED ONLINE IN BOQ FORMAT						

(*) Freight and Insurance charges including unloading at stores/site.

(**) For supply at the Destination Stores anywhere in Tamil Nadu.

(***) While quoting the rates, the bidder shall indicate the HSN Code for all the tendered items as per GST Act.

COMPANY SEAL

DATE

SIGNATURE
DESIGNATION
COMPANY NAME

SCHEDULE – B

GUARANTEED TECHNICAL PARTICULARS FOR 33KV OUTDOOR POTENTIAL TRANSFORMER

Sl.No.	Technical Particular	33KV PT
01.	Manufacturer's Name and Address	
02.	Manufacturer's Sl.No.	
03.	Type	
04.	Ratio	
05.	Rated Primary Voltage	
06.	Rated Secondary Voltage.	
07.	No. of Secondary windings.	
08.	Rated Burden	
09.	Accuracy class.	
10.	Rated frequency	
11.	Temp. rise at 1.2 time rated voltage and burden	
12.	Rated voltage factor and time	
13.	Temperature rise for 12 above	
14.	One minute power frequency (dry) withstand voltage on bushing	
15.	One minute power frequency withstand test voltage on secondaries. (dry)	
16.	1.2/50 microsecond lightning impulse withstand voltage	
17.	No. of phases and method of connection	
18.	(a) Grade of oil (b) Weight of oil	
19.	Total weight of Potential Transformers	
20.	Overall dimensions	
21.	Mounting details	
22.	Min. Creepage distance(in mm)	
23.	Class of insulation	
24.	Max. ratio error with rated burden and 5% normal primary voltage	
25.	Technical literature pamphlets about the PTs offered	
26.	Applicable standard for (a) Potential Transformers (b) Bushing (c) Oil	

COMPANY SEAL

SIGNATURE :

DESIGNATION :

COMPANY :

DATE :

SCHEDULE-B1
SCHEDULE OF MATERIALS AND DELIVERY PERIOD

SL. NO.	DESCRIPTION	QUANTITY IN Nos (TENTATIVE)
1.	33KV (1Phase) Outdoor Potential Transformers	

COMPANY SEAL :

SIGNATURE :

DESIGNATION :

COMPANY :

DATE : _____

SCHEDULE-C

STATEMENT OF SUPPLY ORDERS EXECUTED/UNDER EXECUTION DURING THE PAST TEN YEARS AS ON THE DATE OF TENDER

Sl. no.	Name &Address of the Organization incl.others EBs/TNPDCL- EDC/ Regions/TANT RANSCO	Name of the mater ial	P.O. No. & Date	Qua ntity	Value of order in Rs. Lakh FOR (D) Price	Sched uled date of comple tion of order	Actual date of comple tion of order	Whether PO Copy is furnished (Yes/No)	Whether End User Certificate Copy is Enclosed (Yes/No)
1	2	3	4	5	6	7	8	9	10

NOTE:

Copies of orders and end user certificate shall be furnished in the bids.

COMPANY SEAL :

SIGNATURE :

DESIGNATION :

COMPANY :

DATE :

SCHEDULE-D
DECLARATION FORM

To

The Chief Engineer/Material Management,
Tamil Nadu Power Distribution Corporation Limited,
4thFloor/Western Wing,
NPKRR Maaligai, Electricity Avenue,
144, AnnaSalai,
Chennai–600002.

DearSir,

Having examined the above specification No. /2025-26 together with the accompanying schedules etc., we hereby offer to manufacture and supply the materials covered in this specification at the rates entered in the attached schedule of prices.

1. We hereby guarantee the particulars entered in the schedules attached to the specification.
2. In accordance with security deposit cum performance guarantee clause, Section–V of the specification we agree to furnish D.D. / Bankers cheque /irrevocable B.G. of 5% of the total accepted value of the contract.
3. Our company is not a potentially Sick Industrial Company or a Sick Industrial Company in terms of Section- 23 or Section-15 of the Sick Industrial Companies (Special Provisions) Act,1985.
4. Our company is not blacklisted by TNPDCL(Erstwhile TANGEDCO) or any other power utilities and not involved in any civil or criminal proceedings.

Yours Faithfully

COMPANY SEAL :

SIGNATURE :

DESIGNATION :

COMPANY :

DATE :

SCHEDULE-E

UNDERTAKING TOWARDS JURISDICTION FOR LEGAL PROCEEDINGS

(TO BE FILLED BY THE TENDERER IN NON-JUDICIAL STAMP PAPER OF VALUE NOT LESS THAN Rs.500/-)

THIS DEED OF UNDERTAKING executed at.....on this day of by M/s..... a company registered under Companies Act, 1956 having its Registered Office atherein after called the "TENDERER" (which expression shall where the context so admits mean and include its successors in office and assigns) with the TAMIL NADU POWER DISTRIBUTION CORPORATION LIMITED, a corporation incorporated under companies act , 1956 and a subsidiary of TNEB Ltd., having its office at 144, Anna Salai, NPKRR Maaligai, Chennai – 600 002, herein after called the purchaser (which expression shall where the context so admits mean and include its successors in office and assigns).

WHERE AS the contract is for the supply ofin terms of the Purchase Order No.....Dated.....AND WHEREAS in accordance with clause (Payment Clause) and Clause(Jurisdiction for Legal Proceedings) of the above said P.O. certain terms were stipulated for the above supply.

AND WHEREAS in accordance with Clause of the above mentioned Purchase Order, the supplier has to furnish an undertaking that no suit or any proceedings in regard to any matter arising in any respect under this contract shall be instituted in any court other than in the High Court, Chennai, City Civil Court of Chennai or other court of small causes at Chennai.

In consideration of the TNPDCL having agreed to accept the undertaking, the undertakes that no suit or any proceedings in regard to any matter arising in any respect under this contract shall be instituted in any court, other than the High Court, Chennai, City Civil court at Chennai or the Court of Small Causes at Chennai. It is also agreed that no other court shall have the jurisdiction to entertain any suit or proceedings, even though part of the cause of action might arise within their jurisdiction. In case any part of cause of action arises within the jurisdiction of any of the Courts in Tamil Nadu and rest within the jurisdiction of Courts outside Tamil Nadu, then it is agreed to between the parties that such suits or proceedings shall be instituted in Court within the State of Tamil Nadu and no other Court outside Tamil Nadu shall have jurisdiction, even though any part of the cause of action might arise within the jurisdiction of such Courts.

IN WITNESS WHERE OF THIRU..... of the Tenderer hereby put his hand and seal for the Undertaking in the presence of the following witnesses.

SIGNATURE OF THE TENDERER WITH SEAL

In the presence of Witnesses :

- 1.Signature
(Name and Address)
2. Signature

SCHEDULE – F
QUESTIONNAIRE – A

(COMMERCIAL & TECHNICAL BID) BID QUALIFICATION REQUIREMENT & COMMERCIAL CONDITIONS

INSTRUCTIONS:

- (a) Strike off, which ever is not applicable.
- (b) Separate sheets should be used, wherever necessary.

Sl. no.	PARTICULARS	BIDDER'S RESPONSE
1	Name & Address of the Firm / Company.	
a	Registered Office.	
b	Factory / Work's Address	
c	FAX No. & Telephone No.	
d	E-Mail ID.	
2	Name, Designation & Address of the person signing the tender.	
3 a	Whether the Company is Small Scale / Medium Scale / Large Scale Unit.	
b	If so, write Registration No.	
c	If SSI Unit registered with Udyam category / validity to be mentioned.	Mention the category & Validity
d	Permanent Account Number(PAN)& GSTIN number	
4	Confirm whether Tenderer is a manufacturer of the tendered material and whether documentary evidence for manufacture of the same is enclosed.	YES / NO
5 a	Whether the tenderer have supplied 20 Nos. of 33KV or higher KV rating Outdoor Potential Transformers during preceding ten years to	YES / NO

	any State EBs / Public Power Utilities/Central (or) state public sector undertakings.	
b	Whether the copies of POs executed during the last 10 years and End User Certificates are enclosed in the tender as required in Clause – 2 under Section – II of this Specification Details required as per Schedule – C are also enclosed.	YES / NO
c	Whether performance certificates from the end users for 10 Nos. 33KV or higher KV rating Outdoor Potential Transformers should have been in satisfactory operation for a minimum period of two years during the last ten years as on date of tender opening corresponding to the Purchase Orders enclosed is furnished.	YES / NO
d	Whether the Annual Turnover Certificate from Auditor or Annual Statement of Accounts for the last three years enclosed as required in Clause-4 under Section-II of this Specification.	YES / NO
6	EARNEST MONEY DEPOSIT Rs. 70,000.00 (Rupees Seventy Thousand Only)	
	Mode of Payment :	"online"
a	Whether EMD Payment has been made "online"	YES / NO
b	Whether EMD furnished in the form of Bank Guarantee <ol style="list-style-type: none"> If Yes, BG Details Whether scanned copy of the BG uploaded. 	YES/NO BG No , Date, Name of Bank & Validity YES/NO

c	<p>If exempted from payment of EMD,</p> <ul style="list-style-type: none"> i. Whether the bidder is Micro/SSI unit located in Tamil Nadu ii. Whether registered under Udyam Portal for the tendered item. iii. Whether Udyam Registration Certificate uploaded iv. Whether Undertaking in lieu of EMD uploaded v. Whether documents in support of investment held in plant and machinery and Annual turnover uploaded. 	<p>YES/NO</p> <p>YES/NO</p> <p>YES/NO</p> <p>YES/NO</p> <p>YES/NO</p>
d	<p>c. If PEMD holder of Rs.20 Lakh and above with TNPCL Head Quarters, held on or after 03.12.2021.</p> <ul style="list-style-type: none"> i. Whether Scanned copy of proof of PEMD uploaded ii. Whether undertaking in lieu of EMD uploaded 	<p>YES/NO</p> <p>YES/NO</p>
After confirming the EMD paid / Exemption uploaded, then only the system will allow to submit the technical and financial bids.		
7	TYPE TEST CERTIFICATES :	
a	Whether the copy of the Type Test certificates as per Technical terms of the Specification is enclosed with the offer.	YES / NO
b	<p>Whether the Type Test has been conducted within five years as on the date of Tender Opening.</p> <ol style="list-style-type: none"> 1. Date of Test 2. Name of the Laboratory 	YES / NO
8	VALIDITY :	
	Whether your offer is valid for a period of 90 days from the date of opening of offers.[Offers	YES / NO

	with validity period of less than 90 days are liable to be rejected].	
9	PRICE :	
a	Whether the price quoted is FIRM for a period of Twelve months from the date of receipt of award of contract.	YES / NO
b	Whether the following breakups for the quoted Unit Price (All inclusive Price excluding GST) have been mentioned in Schedule-A (BOQ) of this specification.	YES / NO
c	Unit Ex-works Price	YES / NO
d	Ex-works Price (Percentage & Amount), Freight & Insurance charges.	YES / NO
e	Whether GST (Percentage & Amount) applicable has been mentioned separately.	YES / NO
f	Whether you are agreeable for charging GST only on Ex-works Price + F & I	YES / NO
g	Whether you are agreeable for charging in case of delayed delivery , the GST Prevailing on the date of contractual date of delivery whichever is less shall only be payable.	YES / NO
h	Confirm that freight & Insurance charges quoted are applicable for delivery to any of any of the TNPDCL stores in Tamil Nadu.	YES / NO
i	Confirm that any additional amount of GST due to upward revision on account of increase in Turnover during the contractual period shall be borne by you.	YES / NO
J	Confirm that Freight & Insurance charges quoted are applicable for delivery to any of the TNPDCL stores in Tamil Nadu.	YES / NO
	If the breakup details are not furnished, offer will be liable for rejection.	
10	Whether you are agreeable for the following clauses specified under Section – V of the Specification.	YES / NO

a	Payment Terms (Clause – 11.0).	YES / NO
B	Security Deposit Cum Performance Guarantee (Clause – 12.0).	YES / NO
c	Delivery (Clause – 13.0).	YES / NO
d	Liquidated Damages (Clause – 17.0).	YES / NO
E	Guarantee (Clause – 19.0).	YES / NO
F	Jurisdiction for Legal Proceedings (Clause – 31.0).	YES / NO
11	(i)Quantity tendered	
	(ii) Quantity offered by the bidder :	
12	Whether copy containing all pages of Section – V Commercial & Section – VI Technical with dated signature of the Tenderer in all pages has been enclosed with the offer.	YES / NO

SIGNATURE OF THE TENDERER

COMPANY SEAL : SIGNATURE
NAME
DESIGNATION
COMPANY
DATE

UNDERTAKING

I, sole proprietor/Partner of M/s.
..... Give undertaking that Details given in
the above QUESTIONNAIRE – A are correct to the best of my knowledge and
I agree to abide by all your Tender / Order terms & conditions.

COMPANY SEAL :	SIGNATURE
	NAME
	DESIGNATION
	COMPANY
	DATE

SCHEDULE-F
QUESTIONNAIRE-B

INSTRUCTIONS:

- a) Strike off, whichever is not applicable.
- b) Separate sheets should be used, wherever necessary.

Sl.no.	PARTICULARS	BIDDER'S RESPONSE
1	Whether materials offered is exactly as per Technical Specification in Section-VI. (Tender offers with Deviations in Technical Terms are liable to be rejected).	YES/NO
2	If not, give details of Technical Deviation.	
3	Whether all testing facilities for conduction Routine tests as per the relevant IS are available in your factory or not.	YES/NO

COMPANYSEAL: SIGNATURE :

NAME: DESIGNATION:
COMPANY:
DATE :

UNDERTAKING

I, ,sole proprietor/Partner of M/s.....
..... Give undertaking that.....
Details given in the above QUESTIONNAIRE – B are correct to the best of my knowledge..... and I agree to abide by all your Tender / Order terms & conditions.

COMPANYSEAL: SIGNATURE :

NAME: DESIGNATION:
COMPANY :
DATE :

SCHEDULE-G

COMMERCIAL AND TECHNICAL DEVIATION

TECHNICAL DEVIATION

SL. No	Clause No.	Description of clause	Description of Deviation

COMMERCIAL DEVIATION:

SL. No	Clause No.	Description of clause	Description of Deviation

Note: It may be noted that Technical and commercial deviation against the tender specification are liable for rejection.

COMPANYSEAL:

SIGNATURE :
NAME :
DESIGNATION :
COMPANY :
DATE :

SCHEDULE-H
Declaration pursuant to Section 206AB
(To be obtained from applicable Suppliers)

This is to declare that.....(Name of the supplier) have filed the Return of Income (ROI) under the relevant provisions of the Income Tax Act, 1961 for the Assessment Year 2022-23 and 2023-24 (FY2021-22 and FY 2022-23) and we shall file the ROI for Assessment Year 2023-24 (Financial Year 2022-23) within the due date as per the provisions of the said Act.

Permanent Account No. (PAN) of our Company/Firm/Individual isThe details of Return of Income filed are as below:

S.No	Assessment Year	Acknowledgement No	Date of Filing
1	2022-23		
2	2023-24		

Place :

Date :

(Authorized Signatory)

Signature & Seal

SCHEDULE – I

UNDERTAKING TOWARDS INPUT TAX CREDIT BENEFIT

(Declaration to be submitted by the L1 bidders in Non Judicial Stamp paper of value not less than Rs.500/-)

To

The Chief Engineer ,
Materials Management ,
TNPDCL
Chennai – 2.

We hereby declare and confirm that we are registered vendor under GST Act having GSTIN-
-----in State of -----. Our applicable GST% for the above reference job is under code -----.

We hereby declare and confirm that we are registered vendor under composite scheme having GSTIN.

We are aware that as per sec 171 of CGST Act, any reduction in rate of tax on any supply of goods or services or the benefit of input tax credit should be passed on to TNPDCL by way of commensurate reduction in prices and as such we hereby declare that we are extending Rs. ----/- of ----% as rebate in my awarded price against input tax credit benefit.

We hereby declare that we do not have any input tax credit benefit on account of GST applicable against this job. If it is established that we have availed input tax credit benefit against this job, the differential tax benefit will be returned to TNPDCL failing which TNPDCL may take appropriate action.

COMPANY SEAL :	SIGNATURE :
NAME :	
DESIGNATION :	
COMPANY :	
DATE :	

WITNESS :

- 1.
- 2.

Note: Bidder may strike out the para which not applicable.

SCHEDULE –J

TENDER ACCEPTANCE LETTER (To be given on Company Letter Head)

DECLARATION FORM

To be signed with company seal on letter head & uploaded

To,

Date:

The Chief Engineer, Materials Management
TNPDCL,
Chennai- 600 002.

Sub : Acceptance of Terms & Conditions of Tender.

Tender Reference No :

Name of Tender/Work :

Dear Sir,

1. I/We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: -----
----- as per your advertisement, given in the above mentioned website(s).
2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from page No.----- to ----- (including all documents like annexure(s), schedule(s), etc.,) which form part of the contract agreement and I/We shall abide hereby the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s) corrigendum(s) in its totality / entirety.
5. In case any provisions of this tender are found violated, then your department/organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the bidder, with official Seal)

SCHEDULE-K

STATEMENT OF TYPE TEST PARTICULARS

(To be filled in by the Tenderer)

Sl.No.	Name of Test	Name of Lab	Date of Test
1	High voltage Power frequency wet withstand voltage Test		
2	Lightning Impulse Voltage With-stand Test		
3	Temperature Rise Test		
4	Determination of Error		
5.	Partial Discharge Test		

NOTE:

- 1) The above Type Tests should have been conducted in a Government/Government recognized laboratory not earlier than 5(FIVE) years on the date of submission.

COMPANY SEAL:

SIGNATURE :

NAME :

DESIGNATION :

COMPANY :

DATE :

SECTION- VII

ANNEXURES

SI.No.	CONTENTS
I	Undertaking In Lieu of E.M.D.
II	Proforma of Bank Guarantee for SD cum Performance
III	Undertaking towards Recovery of Dues to TNPDCL
IV	Format of Bank Guarantee for E.M.D
V	Guidelines for releasing GST portion to suppliers / Contractors
VI	Undertaking from the sole proprietor of the firm (for Purchase Preference)
VII	Certificate to be furnished by Chartered Accountant (for Purchase Preference)
VIII	Certificate to be furnished by Practicing Company Secretary (for Purchase Preference)

ANNEXURE-I
UNDERTAKING IN LIEU OF E.M.D.

(TO BE FURNISHED IN NON-JUDICIAL STAMP PAPER OF VALUE NOT LESS THAN Rs.500/-)

THIS DEED OF UNDERTAKING executed at.....
..... on thisday of
..... hereafter called 'TENDERER' (which expression shall where the context so admits mean and include their Agents, Representatives, Successors – in – office and Assigns).

TO AND IN FAVOUR OF THE TAMIL NADU POWER DISTRIBUTION CORPORATION LIMITED, a corporation incorporated under companies act , 1956 and a subsidiary of TNEB Ltd., having its office at NPKRR Maaligai , 144, Anna Salai, Chennai – 600 002, herein called the "TNPDCL" (which expression shall where the context so admits mean and include its successors in office and Assigns)

WHERE AS the Tenderer is required to pay Earnest Money Deposit of Rs...../- (Rupees.....Only) for participation in the tender for supply of in terms of Specification No.....

AND WHERE AS the Tenderer is exempted by the TNPDCL from payment of EMD in the form of cash, subject to the tenderer executing an undertaking to the value of Rs...../- (RupeesOnly) representing the amount equivalent to the amount of EMD specified to be paid to the TNPDCL in the event of non-fulfillment of breach of any of the conditions of the tender by Tenderer as mentioned hereunder.

AND WHEREAS in consideration of the acceptance by the TNPDCL of the above proposal, the tenderer has agreed to pay to the TNPDCL the said amount of Rs...../- (RupeesOnly) in event of –

1. Withdrawing his tender before the expiry of the validity period OR
2. Withdrawing his tender after acceptance , OR
3. Violating any of the conditions of the tender issued by the competent authority.

NOW THIS UNDERTAKING WITNESSETH that in pursuance of the said agreement the Tenderer hereby doth covenant with the TNPDCL that in consideration of the "TNPDCL" waiving the condition of payment of EMD in cash in terms of the said specification, the Tenderer has agreed to pay to the TNPDCLRs.....(only) in the event of:

- i) Withdrawing his tender before the expiry of the validity period.
- ii) Withdrawing his tender after acceptance.
- iii) Violating any of the conditions of the tender issued by the competent authority

NOW THE CONDITIONS OF THE above written undertaking is such that if the tenderer shall duly and faithfully observe and perform the conditions specified as above, then the above written undertaking shall be void, otherwise it shall remain in full force.

The tenderer undertakes not to revoke this guarantee till the contract is completed under the terms of contract.

The expression, ' TENDERER' and the 'TNPDCL' hereinafter before used shall include their respective successors and assigns in office.

IN WITNESS WHERE OF THIRU.....

acting

for and on 'behalf' of the Tenderer has signed this deed on the day, month and year herein before first mentioned.

SIGNATURE :

NAME IN BLOCK LETTERS :

SEAL OF THE COMPANY :

In the presence of Witnesses :

1. Signature

(Name and Address)

2. Signature

(Name and Address)

ANNEXURE- II
(To be submitted after award of contract)
PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT CUM
PERFORMANCE
(TO BE FURNISHED IN NON-JUDICIAL STAMP PAPER OF VALUE NOT LESS
THAN Rs.500/-)

(To be stamped in accordance with stamp Act)

To

The Chief Engineer, Materials Management
TNPDCL, Chennai-600 002.

GUARANTEE NO.:

VALUE OF GUARANTEE:

GUARANTEE COVER FROM:

LAST DATE FOR LODGEMENT OF CLAIM:

THIS DEED OF GUARANTEE made on thisday ofTwo thousand and by the bank of (hereinafter called "The Bank") to and in favour of the TAMILNADU POWER DISTRIBUTION CORPORATION LTD, a corporation incorporated under companies act , 1956 and a subsidiary of TNEB Ltd., having its office at NPKRR Maaligai, 144, Anna Salai, Chennai – 600002 represented by the Chief Engineer / Materials Management (hereinafter called "The Purchaser").

WHEREAS M/s. (herein after called "the Contractor") have by virtue of Contract entered into with the Purchaser as per the Lr. No.dt..... agreed with the purchaser for Supply of in accordance with the terms and conditions of the contract.

AND WHEREAS in accordance with the terms of the contract in Lr. No. dt..... the Contractor has to pay a sum of Rs...../- (Rupees only) as security deposit cum performance guarantee from a nationalized bank.

AND WHEREAS the Contractor has requested the Purchaser to accept the Bank Guarantee in lieu of Security Deposit cum Performance Guarantee for a sum equivalent to five percent of the value of the contract for the satisfactory performance of the contract.

AND WHEREAS the Bank has at the request of the contractor, agreed to guarantee the payment of the said sum in case the contract is not performed in accordance with the specification indicated in the terms and conditions in the Lr. No.dt.....

NOW THIS DEED WITNESSES AS FOLLOWS:

1. In consideration of the Purchaser having agreed to accept the Bank Guarantee from a Nationalized Bank towards Security Deposit/Performance Guarantee for a sum equivalent to Rs...../- (Rupeesonly) the Bank do hereby guarantee that if the Contractor fails to perform the Contract in accordance with the specifications and conditions of the contract as subsequently amended, the Bank shall pay forthwith merely on demand without any demur to the Purchaser such amount or amounts as the Bank may be called upon to pay by the Purchaser.

PROVIDED that the liability of the bank under this deed shall not at any time exceed the amount of Rs...../- (Rupeesonly)

PROVIDED further, that the Guarantee hereunder furnished shall be released as soon as the Contractor has performed his part of the Contract in accordance with the terms of the Contract and period of performance guarantee is over and a certificate to that effect is issued by the Purchaser.

2. The Bank further undertakes to indemnify the Purchaser to the extent of Rs...../- (Rupeesonly) against any loss or damage that may be caused or suffered by the Purchaser by reason of any breach of the terms and conditions of the said Lr. No. dt.
3. The Guarantee herein contained shall remain in force till the terms and conditions of the Lr. No. dt. have been fully and properly carried out by the said Contractor and in any case, the Guarantee shall not hold good after (date of expiry of Guarantee).
4. The Bank further agrees with the Purchaser that the Purchaser shall have the fullest liberty (without the consent of the Bank and without affecting in any manner the obligations of the bank hereunder) to vary any of the terms and conditions of the Contract or to extend the time of performance of the contract by the said Contractor for time to time or to postpone from time to time any of the powers exercisable by the Purchaser against the said Contractor and to forbear or to enforce any of the terms and conditions relating to the said Contract and the Bank shall not be relieved of its liability by reason of any such variation, or extension being granted to the said contractor or by reason of any forbearance, act or omission on the part of the Purchaser or any indulgence by the Purchaser to the said Contractor or by any such

matter or thing whatsoever which under the Law relating to sureties would but for these provisions have the effect of so relieving the Bank.

5. Any account settled between the Purchaser and the Contractor shall be the conclusive evidence against the Bank for the amount due and shall not be questioned by the Bank.
6. The expressions "Bank", "Contractor" and "The Purchaser" herein before used shall include their respective successors and assigns.

NOTWITHSTANDING anything contained herein above

- (a) Our liability under this Bank Guarantee shall not exceed Rs...../-
(Rupees.....only)
- (b) This Bank Guarantee shall be valid up to and
- (c) We are liable to pay the Guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before, the expiry of this Guarantee.

IN WITNESS WHEREOF THIRU.....for and on behalf of the Bank has signed this Deed on the day, month and year first above written.

Confirmation of issue of this Bank Guarantee should be sought for by the beneficiary from our Regional office at the following address:

SIGNATURE

WITH THE SEAL OF THE BANK

(Name in Block letters)

IN THE PRESENCE OF WITNESS:

1.

(Name in Capital with Address)

2.

(Name in capital to be superscribed with
Designation office address or residential address)

ANNEXURE-III

UNDERTAKING TOWARDS RECOVERY OF DUES TO TNPDCL (TO BE FURNISHED BY THE TENDERERINANON-JUDICIAL STAMP PAPER OF VALUE NOT LESS THAN Rs.500/- AS PER CLAUSE 25.0 OF COMMERCIAL)

THIS DEED OF UNDERTAKING executed at.....on this.....day of
.....by M/s.....

hereinafter called the "TENDERER" (which expression where the context so admits mean and include their agents, their representatives, successors in office and assigns).

TO AND IN FAVOUR OF THE TAMIL NADU POWER DISTRIBUTION CORPORATION LIMITED, a corporation incorporated under companies act , 1956 and a subsidiary of TNEB Ltd., having its office at NPKRRMaaligai, New No. 144, Anna Salai, Electricity Avenue, Chennai – 600 002, hereinafter called the "TNPDCL" (which expression shall where the context so admits mean and include the successors in office and assigns).

WHEREAS the TNPDCL has called for an undertaking from the Tenderer empowering the TNPDCL to recover the dues if any,

NOW THIS UNDERTAKING WITNESSETH that the TNPDCL is empowered to recover any dues against this contract in any bills /Security Deposit / E.M.D. due to the Tenderer either in this contract or any other contracts with the TNPDCL. Further, the Tenderer hereby authorizes the TNPDCL to recover any dues against any other contract of the Tenderer with the TNPDCL/TANTRANSCO/TNEB Ltd with the available amount due to the Tenderer against this contract.

IN WITNESS WHERE OF THIRU.....acting for and on behalf of the Tenderer has signed this deed on the day, month and year herein before first mentioned.

SIGNATURE OF THE TENDERER.

In the presence of witnesses.

1. Signature

(Name in capital letters with address)

2. Signature

(Name in capital letters with address)

ANNEXURE-IV
FORMAT OF BANK GUARANTEE FOR E.M.D.

**(TO BE FURNISHED IN NON-JUDICIAL STAMP PAPER OF VALUE NOT LESS THAN
Rs.500/-)**

Beneficiary:

The Chief Engineer, Materials Management,
TAMIL NADU POWER DISTRIBUTION CORPORATION LIMITED,
4th Floor, WESTERN WING, N.P.K.R.R. Maaligai,
New. No:144, Anna Salai, Chennai - 600 002

Date:

Bid Guarantee No:

We have been informed that M/s..... (here after called "the bidder") has submitted to you its bid dated (herein after called, "the bid") for TNPDCL e-Tender Specification No: M-.../ 2025-26.

Furthermore, we understand that, according to the conditions, bids must be supported by a Bid Guarantee.

At the request of the bidder, we the..... BANK, Banking company, a body corporate, constituted under the Banking companies (Acquisition and Transfer of Undertakings) act, 1970, with their head office at, and having among others at branch office at, India hereby irrevocably undertake to pay you a sum or sums not exceeding in total an amount of **Rs./- (Rupees Only/-)** upon receipt by us of your first demand in writing accompanied by a written statement stating that the bidder is in breach of its obligation(s) under the bid conditions, because the bidder :

- a) has withdrawn its bid during the period of bid validity specified by the Bidder in the form of bid ;or
- b) having been notified of the acceptance of its bid by the TNPDCL during the period of validity
 - i. fails or refuses to execute the contract form, if required ,or
 - ii. fails or refuses to furnish the Security deposit cum performance Bank Guarantee, in accordance with the instructions to Bidders.

This Guarantee will expire:

- a) if the bidder is the successful Bidder, upon our receipt of copies of the contract

signed by the bidder and the security deposit cum Performance Bank Guarantee issued to upon the instruction of the bidder and

b) if the bidder is not successful Bidder, upon the earlier of

i. our receipt of copy of the notification to the Bidder of the name of the successful Bidder or

ii. Six months after the expiration of the Bidder's Bid.

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.

This Guarantee is subject to the Uniform Rules for Demand Guarantees, ICC Publication No.758.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

1. Our liability under this Bank Guarantee shall not exceed Rs./-
(Rupees Only/-)

2. The Bank Guarantee shall be valid up to

3. We are liable to pay the guarantee amount or any part thereof under this Bank guarantee only and only if you serve upon us a written claim or demand on or before (mention period of the guarantee as found under clause (2) above plus claim period)"

IN WITNESS WHERE OF THIRU and THIRU..... . acting for and on behalf of the Bank has signed this deed on the day, month and year first above written.

In the presence of witnesses:

1.

2.

(Signature with seal of the Bank (Name in Block letters) and

(Name in capitals to be subscribed with designation, address of office or residential)

ANNEXURE- V

Guidelines for releasing GST portion to suppliers / Contractors:

As per GST guidelines TNPDCL / TANTRANSCO has to ensure the remittance of GST to Govt. made without omissions by the supplier / contractors, since GSTR 2A is getting updated regularly.

Hence the following guidelines were issued to the Supplier / Contractor:

1. The Tax invoices shall have the details of rates, quantity and admissible rate of GST.
2. The suppliers shall pay the GST and file the returns under GST promptly to avoid delay in processing / payment of invoices could be avoided/ minimized. If the supplier paid the GST, their invoices would be exhibited in the GSTR-2A and the same will be taken as GST compliance of Supplier/contractor.
3. The running bills will be passed after verification of the GST paid in the previous month. In case of high value bills (say 10 lakh or above) the GSTR-2A will be verified before passing the bills.
4. In case of one and only bill against the PO/W.C, the bill will be passed after verification of GSTR-2A only.
5. The updated GSTR-2A available in the portal will be utilized in lieu of documentary proof for any GRT claim.
6. Instead of insisting for the hard copy of any document proof such as returns filed, Challans remitted, CA certificate, GSTR-3B the GSTR-2A will be verified for admitting invoices.

The Tax supplier who has availed the scheme of quarterly filing of returns (i.e when turnover is upto 150 Lakhs) the following mechanism will be adopted for passing the bills.

- i. If it is only one bill, the GST payment of the supplier's bill will be verified during PO closure.
- ii. If there are multiple bills, then
 - (a) Bills related to first 3 months i.e Initial quarter will be admitted inclusive of GST without verifying with GSTR-2A reports.
 - (b) Bills for the subsequent quarter will be passed if GST payment of bills raised on TNPDCL in the earlier processed quarter has been updated and exhibited in GSTR-2A.

If discrepancies arises between the value shown in the GSTR-2A and the invoices available, the liability towards GST may be restricted to the lower of the above two.

ANNEXURE- VI

Undertaking from the sole proprietor of the firm (for purchase preference)

(To be uploaded by the bidder been sole proprietor firm owned by any person belonging to
SC/ST)

Name of the sole proprietor:

PAN No:

Tender Specification No.

I (Name of the sole proprietor) hereby state that the social category of enterprise
(i.e.M/s.) specified in Udyam registration certificate vide Udyam regn, no.
dated uploaded with the bid remains unchanged till date.

Signature of the proprietor
(With name & seal)

Date:

Place:

ANNEXURE- VII

Certificate to be furnished by Chartered Accountant(for purchase preference)

(In case of bidder been partnership firm owned by not less than three-fourths of the Partners belonging to a SC/ST)

Tender specification No:

This is to certify that M/s. (firm's name) been partnership firm is owned by not less than three fourths of the partners belonging to a SC/ST as on this date.

The social category of the partnership firm (i.e M/s.) specified in Udayam registration certificate consequent of been registered in Udayam portal vide Udayam regn No. remains unchanged till date.

Signatory of the Chartered Accountant
(with name, membership no.&seal)

Date:

Place:

ANNEXURE- VIII

Certificate to be furnished by Practicing Company Secretary

(for purchase preference)

(In case of bidder been company with more than fifty percent of the ordinary shareholdings pertain to persons belonging to the Scheduled Castes or Scheduled Tribes)

Tender specification No:

This is to certify that in M/s. (Company's Name), persons belonging to the Scheduled Castes or Scheduled Tribes are having more than fifty percent of the ordinary shareholdings and the control of the company, as defined in section 2(27) of the Companies ct, 2013 (Central Act 18 of 2013)vests with persons belonging to the Scheduled Castes or Scheduled Tribes. This is duly confirmed for the purpose of submission of bid against the provisions of the specification No.

Signatory of the Company Secretary
(with name, membership no.& seal)

Date:

Place:
