

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED**METTUR THERMAL POWER STATION – I**

SPECIFICATION FOR THE PROCUREMENT OF VARIOUS SIZES OF IDLERS FOR CONVEYOR
SYSTEMS THROUGH E-TENDERING
(Through NIC Platform)

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

**OFFICE OF THE CHIEF ENGINEER
METTURE THERMAL POWER STATION – I
METTUR DAM – 636 406
TAMIL NADU.**

**Service Provider : The Tamil Nadu Government e-Procurement System Website for
online bid submission: <https://www.tntenders.gov.in/nicgep/app>**

INSTRUCTION TO BIDDERS FOR SUBMISSION OF ONLINE BIDS IN E-TENDER

- 1.0** The bidding under this contract is electronic bid submission through website <https://tntenders.gov.in/nicgep/app> only. Detailed guidelines for viewing bids and submission of online bids are given on the website. Any citizens or prospective bidders can logon to this website and view the invitation for Bids and can view the details of works for which bids are invited.
- 2.0 Registration:**
- 2.1 The prospective bidders can submit bids online, however, the bidders are required to have enrolment/registration in the website by clicking on the link "Online bidder enrolment" which is free of charge.
- 2.2 As part of the enrolment process, the bidders are required to choose a unique username and assign a password for their accounts.
- 2.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These details would be used for any communication from the e-Portal.
- 2.4 Upon enrolment, the bidders are 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 / eMudhra etc.), with their profile.
- 2.5 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.
- 2.6 Bidder then can login to the site through the secured login by entering their user ID / password and the password of the DSC / e-Token.

3.0 Contact persons:

For queries related to registration and online bidding (NIC):

e-mail : support.etender@nic.in

Contact No.: 044 – 24466495

24902580 Extn.: 332

24917850

4.0 System Requirement:

- i. Operating System: Windows XP-SP3 & above
- ii. Internet browser: IE7 and above.
- iii. Signing type: Digital Signature (class III)
- iv. JRE 7 update 79 (Preferred file- Windows X-86 Offline) and above to be downloaded and installed in the system.

To enable ALL active X controls and disable 'use pop up blocker' under Tools→ Internet Options→ custom level. For detailed guidance about browser and Java configuration the bidders are advised to go through the video guide available under "Bidders Manual Kit" at "<https://www.tntenders.gov.in/nicgep/app?page=BiddersManualKit&service=page>"

5.0 Searching for Tender Document:

- 5.0 There are various search options built in the Website, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc.
- 5.1 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 Tamil Nadu Govt. e-Procurement Portal, to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 5.2 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.

6.0 Preparation Of Bids:

- 6.1 Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 6.2 Bidders are requested to go through the NIT 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 documents have 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.
- 6.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document and generally, they can be in PDF / XLS / RAR / DWF / JPG formats. **Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.** Since the uploaded documents shall be downloaded for evaluation of bid, bidders are advised to upload clear scanned copies. **One hard copy of the electronically submitted bid documents except the price schedule shall have to be submitted upon intimation by TANGEDCO after opening of the e-tender.**
- 6.4 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 "My space or "Other Important Documents" area 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 reduction in the time required for bid submission process.
- 6.5 The completed bid comprising scanned copy of the proof for the payment of EMD or exemption from payment of EMD and necessary technical and commercial documents should be uploaded on the website along with signed and scanned copies of requisite certificates as are mentioned in the different sections in the tender document.

7.0 Electronic Submission Of Bids:

The bidder shall submit online the requirements under qualification criteria and Technical Documents required and Price Schedule/BOQ. 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 acknowledgement of bid submission.

- 7.1 Bidder should log into 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.
- 7.2 The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 7.3 Bidder has to select the payment option as "offline" to pay the EMD amount through RTGS/NEFT or by way of account transfer as applicable and enter details of the instrument.
- 7.4 The scanned copy of payment made through RTGS/NEFT or by way of Account Transfer towards EMD amount has to be uploaded. TANGEDCO shall not be responsible for any delay in uploading the proof of EMD by any mode.
- 7.5 A BOQ format for the price bid has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the BOQ format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the coloured (Unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 7.6 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.**
- 7.7 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.
- 7.8 The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7.9 Upon the successful and timely submission of bids, (i.e. 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.
- 7.10 Department or Service Provider is not responsible for any failure such as a bad internet connection or power failure outside of their control. The bidder is responsible to ensure they have sufficient time to submit an electronic bid prior to closing date and time including the payment of any fees including the Bid security and getting e-receipt. In case of a failure in the system within the control of the service provider that may affect a bidding process, the contracting authority on his sole discretion will postpone the closing time at least 24 hours from the time of system recovery to allow bidders sufficient time to submit their bids.

- 7.11 The TANGEDCO may, at its discretion, extend the deadline for the submission of bids by amending the bidding document, in which case all rights and obligations of TANGEDCO and bidders subject to the previous deadline shall thereafter be subject to the deadline extended.

8.0 Late Bid:

The Electronic bidding system would not allow any late submission of bids after due date and time as per server time.

9.0 Modification and withdrawal of bids:

- 9.1 Bidders may modify their bids online before the deadline for submission of bids.
- 9.2 In case a bidder intends to modify his bid online before the deadline, the bidder need not make any additional payment towards the cost of bid processing. For bid modification and consequential re-submission, the bidder is not required to withdraw his bid submitted earlier. Modification and consequential re-submission of bids is allowed any number of times. The last modified bid submitted by the bidder within the bid submission time shall be considered as the bid. For this purpose, modification/ withdrawal by other means will not be accepted. The bidder may withdraw his bid by uploading his request before the deadline for submission of bids, however, if the bid is withdrawn, the re-submission of the bid is not allowed.
- 9.3 No bid may be modified after the deadline for submission of Bids.

10.0 ASSISTANCE TO BIDDERS:

- 10.1 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.
- 10.2 Any queries relating to the process of online bid submission or queries in general may be directed to the 24x7 Central Public Procurement Portal Helpdesk.

It may be noted by the bidders that NIC is only a service provider for conducting the online bidding process against this tender and shall not be a party to any contract between TANGEDCO and the successful bidder(s) subsequent to the bidding process.

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED

METTUR THERMAL POWER STATION – I

1.	Tender Specification No.	CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22
2.	Name of the work	E-tender for the procurement of various sizes of Idlers for Conveyor system – 1 to 4 as per enclosed Annexure – I to the Mettur Thermal Power Station-I.
3.	Quantity	6 items
4.	Method of Tender	Open E-Tender – Two part system (Online submission of Part-I - Techno-Commercial Bid and Part-II - Price Bid through Website https://www.tntenders.gov.in/nicgep/app of NIC
5.	Earnest Money Deposit (EMD)	Rs.17,030/- (Rupees Seventeen thousand and Thirty only) to TANGEDCO's Account in the form of NEFT/ RTGS (or) by the way of Account transfer Account No.: 550518752 Name of Bank : Indian Bank, Mettur Dam – 636 401 IFSC code : IDIB000M034 (Or) For exemption of EMD payment, Undertaking should be furnished as per TANGEDCO format in Annexure – III along with the proof of MSME/SSI/NSIC certificates as per Section – I.
6.	URL for online bid submission for e-tender	https://www.tntenders.gov.in/nicgep/app
7.	Last date for submission of EMD	25.04.2022 before 12.00 hrs. (The EMD amount has to be received in TNEB/ TANGEDCO account through <u>e-payment</u> , by 2 hours before closing time of tender)
8.	Date of closing of online e-tender for submission of Techno Commercial Bid & Price Bid	25.04.2022 @ 14:00 hrs.
9.	Date & time of opening of tender electronically	26.04.2022 @ 14:30 hrs.
10.	Specification at website	The Tender specification will be placed at TANGEDCO website (www.tangedco.org), T.N. Govt. website (www.tenders.tn.gov.in) & NIC website (www.tntenders.gov.in/nicgep/app); The prospective bidders may download the same at free of cost
11.	Documents to be uploaded by the Tenderers during e-submission	Section – I to III, Schedule – A to G, Annexure – I to VI and Other documents whichever is applicable

12.	Clarification to be sought for from	The Superintending Engineer, Purchase & Administration, Mettur Thermal Power Station – I, Mettur Dam – 636 406.
13.	Place at which tenders will be opened	Office of the Executive Engineer, Material Management Division, Mettur Thermal Power Station – I, Mettur Dam – 636 406.

Sd//xx22.03.2022xx//
CHIEF ENGINEER/MTPS-I (fac).

TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED

METTUR THERMAL POWER STATION – I

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:: TANGEDCO LIMITED ::

METTUR THERMAL POWER STATION – I / METTUR DAM – 636 406

ANNEXURE – ISPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

Sub:- MTPS-I – MM – Mechanical-II Circle – Coal Handling Plant-I Division – E-tender procurement for the supply of various sizes of Idlers for Conveyors & Belt feeders to Mettur Thermal Power Station-I – Reg.

* * * * *

Please quote your lowest price for supply of the following materials as per the specification furnished hereunder.

Sl. No.	Description of the Article	Qty.
1.	Carrying idler (Fixed type), Size : Dia 159mm x 600mm long for 1600mm width conveyor belt as per drawing enclosed	150Nos.
2.	Return roller (Garland type), Size : Dia 159mm x 900mm long for 1600mm width conveyor belt as per drawing enclosed	50Nos.
3.	Impact idler with rubber disc (Fixed type), Size : Dia 193.7mm x 600mm long for 1600mm width conveyor belt as per drawing enclosed	30Nos.
4.	Belt feeder Impact idler (Fixed type), Size : Dia 193.7mm x 250mm long for 1800mm width conveyor belt as per drawing enclosed	35Nos.
5.	Belt feeder Impact idler (Fixed type), Size : Dia 193.7mm x 1400mm long for 1800mm width conveyor belt as per drawing enclosed	25Nos.
6.	Plain rollers, Size : Dia 114.3mm x 700mm long for 2000mm width Dribble conveyor belt as per drawing enclosed	84Nos.

Delivery Period :-

Sample – Within 60days from the date of receipt of P.O.

Bulk – Within 90days from the date of receipt of P.O. excluding sample approval period.

NOTE :-

- 1) The tenderer should inspect the samples available at MTPS-I site before quoting for any dimensional requirement and other critical data required if any.
- 2) Suitable pamphlets/catalogues may be furnished along with the offer.
- 3) Test certificate as per specifications shall be furnished along with the sample supply & bulk supply separately.
- 4) Correct GST@% with Input tax credit/HSN code of above materials should be furnished with necessary documental proof.

Sd//xx22.03.2022xx//
CHIEF ENGINEER/MTPS-I (fac).

Copy to the Superintending Engineer/Mechanical-II/MTPS-I.

Copy to the Executive Engineer/CHP-I/MTPS-I w.r. to the Indent No.: 128/Dt.21.12.2021.

[To check the material specification & quantity and deviation if any shall be intimated immediately].

SECTION – I

EARNEST MONEY DEPOSIT

- 1) Tenderer should pay the specified amount towards Earnest Money Deposit as follows :
Earnest Money Deposit (EMD) :- **Rs.17,030/- (Rupees Seventeen thousand and Thirty only)**
- 2.0) **PAYMENT OF EARNEST MONEY DEPOSIT:-**
- 2.1) The Earnest Money Deposit specified above should be in the form of NEFT / RTGS as mentioned above in 5 of Foreword for the above amount.
Scanned copy of the E-receipt duly reflecting the UTR Number shall be uploaded. If the EMD amount is transferred from the bidder's account to TANGEDCO's account, then the details reflecting the debit amount from the bidder's account must be uploaded. The EMD amount has to be received in TNEB/TANGEDCO account **through e-payment, 2 hours before closing time of tender**. **EMD amount received beyond tender closing time will be summarily rejected.**
- 2.2) In case the EMD remittance through same Bank, a copy of Bank account scroll of bidders duly exhibiting the transaction of EMD amount with details of name of the bank account number of the bidder, and IFSC Code shall be uploaded, so as to verify the credit of same in TANGEDCO bank account scroll for ensuring the EMD compliance of bidders.
- 3) **Any other mode of payment of EMD other than NEFT/RTGS/Account transfer to TANGEDCO's account shall not be accepted towards EMD and the tenders shall be rejected if EMD is not paid in the prescribed manner.**
- 4) Unemployed Engineers (both Engineering Graduates and Diploma Holders) are exempted from payment of full EMD payable by them limited to 1% of the contract value of the tender/works not exceeding Rs.2.0 Lakhs.
- 5) The Earnest Money Deposit will be refunded to the unsuccessful tenderers on application after intimation of rejection of tender is sent. The amount will not carry any interest.
- 6) The Earnest Money Deposit is liable to be forfeited, if the tenderer withdraws his tender after acceptance of his tender or violate any of the tender condition.
- 7) The EMD of successful tenderer will be adjusted towards SD.
- 8) The tenderers who are registered with DGS & D Rate Contract are not exempted from payment of EMD against this tender.
- 9) The EMD will not carry any interest.
- 10) Having examined the tender specification together with the schedules attached, the bidder is deemed to accept to pay the amount equivalent to EMD, together with costs if any, in the events of non-fulfilment of the conditions stipulated in the tender specification i.e. in all cases where EMD paid will be forfeited. The GST applicable for the above shall also be paid to TANGEDCO by the bidder.**

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.

Now the condition is such that if the Tenderer shall duly and faithfully observe and perform the terms and conditions specified in terms of the above, then the above condition shall be void. Otherwise the same shall remain in full force.

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

11) EXEMPTION FOR PAYMENT OF EARNEST MONEY DEPOSIT :

As per Notification No. S.O. 2119(E) dated 26.06.2020 of Government of India, Ministry of MSME, all Micro, Small and Medium Enterprises shall register by Composite criteria under Udyam registration. Hence, all existing enterprises registered under EM-Part II/UAM shall register again on the Udyam Registration portal on or after the 1st day of July, 2020 and the procedure for registration & guidelines are given below in Note.

(i) The following categories of Industries are exempted from payment of EMD subject to ensuring that the tendered item/service should be covered in their Registration Certificate showing the materials permitted to manufacture and period of validity of certificate.

- a) The Micro & Small Enterprises located within the State and registered with the Government of Tamil Nadu, Department of Industries and Commerce, District Industries Centre.
- b) The Micro & Small Enterprises registered with the National Small Industries Corporation.
- c) The Micro & Small Enterprises holding Entrepreneur Memorandum Part II Acknowledgement/Udyog Aadhaar Memorandum/Udyam Registration Certificate obtained from the District Industries Centre in respect of those items for which the Registration Certificate has been issued.
- d) Departments of the Government of Tamil Nadu.
- e) Undertakings and Corporations owned by the Government of Tamil Nadu.
- f) Labour Contract Co-operative Societies.
- g) Tiny Industries registered with the State of Tamil Nadu and Registration Certificate issued by the Department of Industries and Commerce/Government of Tamil Nadu in respect of those items covered under the Registration Certificate.
- h) The Small Enterprises located outside the State and registered with National Small Industries Corporation in respect of those items covered under Registration Certificate.

(ii) a) The Micro & Small Enterprises having provisional registration certificate are not eligible for exemption.

b) Central and the State Government Departments/Undertakings and Corporations other than those in Tamil Nadu shall have to pay Earnest Money Deposit.

(iii) DOCUMENTS TO BE UPLOADED AS A PROOF OF ELIGIBILITY FOR EXEMPTION FROM PAYMENT OF EARNEST MONEY DEPOSIT :

- a) Attested copy of Entrepreneur Memorandum Part II Acknowledgement/Udyog Aadhaar Memorandum/Udyam Registration Certificate issued by the Department of Industries and Commerce, District Industries Centre for Micro and Small Enterprises registered within the State of Tamil Nadu.
- b) Attested copy of Entrepreneur Memorandum Part II Acknowledgement/Udyog Aadhaar Memorandum/Udyam Registration Certificate issued by the Department of Industries and Commerce, District Industries Centre in their respective states and Registration Certificate of National Small Industries Corporation Limited for Micro and Small Enterprises registered outside Tamil Nadu.

- c) Those tenderers under exempted Category from payment of EMD shall upload an undertaking in lieu of EMD in the letter form as per **Annexure – III**.
- d) Certificate from Chartered Accountant for turn over value for the purpose of classification as per Notification No. S.O.2119 (E) dt 26.06.2020 of Government of India, Ministry of MSME.
- e) Certificate from Chartered Accountant for investment value in Plant and Machinery for the purpose of classification as per Notification No. S.O. 2119 (E) dt 26.06.2020 of Government of India, Ministry of MSME.

Note : EM-Part II/UAM shall be valid only for a period upto 31st March, 2022.

(iv) In the event of non-fulfillment or non-observance of any of the conditions stipulated in the contract consequent to such breach of contract to the effect to pay as penalty an amount equivalent to EMD. The State Government, Public Sector Undertakings who are exempted from payment of EMD/SD should also pay as penalty an amount equivalent to the amount fixed as Security Deposit in the event of non-fulfillment or non-observance of any of the conditions stipulated in the contract.

Note : PROCEDURE FOR REGISTRATION OF MICRO, SMALL & MEDIUM ENTERPRISES BY COMPOSITE CRITERIA IN UDYAM REGISTRATION & GUIDELINES

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.

Composite Criteria :

A composite criteria of investment in Plant and Machinery or equipments and turnover has been specified to classify an enterprises as Micro, Small and Medium.

The composite criteria stipulated in the said notification are to be complied by the micro and small industries for claiming EMD exemption and purchase preference in TANGEDCO's tenders floated from 01.07.2020 onwards.

Classification of Enterprises :

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 one crore rupees and turnover does not exceed five crore rupees.
- (ii) a small enterprise, where the investment in plant and machinery or equipment does not exceed ten crore rupees and turnover does not exceed fifty crore rupees; and
- (iii) a medium enterprise, where the investment in plant and machinery or equipment does not exceed fifty crore rupees and turnover does not exceed two hundred and fifty crore rupees.

Calculation of Turnover :

In calculation of turnover of an enterprises, Exports of goods or services or both, shall be excluded while calculating the turnover of any enterprise whether micro, small or medium, for the purposes of classification.

The turnover value has to be certified by a Chartered Accountant whose turnover includes export proceeds, for ascertaining the turnover achieved on export of goods or services or both and included in the total turnover and same is to be uploaded in the bids in case the bidder claims EMD exemption.

Calculation of Investment :

The Plant and Machinery shall have the same meaning as assigned to the plant and machinery

in the Income Tax Rules, 1962 framed under the Income Tax Act, 1961 and shall include all tangible assets (other than land and building, furniture and fittings). The cost of certain items specified in the Explanation I to sub-section (1) of section 7 of the Act shall be excluded from the calculation of the amount of investment in plant and machinery.

The investment value in Plant and Machinery for the purpose has to be certified by a Chartered accountant and the same is to be uploaded in the bid in case the bidder claims EMD exemption.

Registration of existing enterprises :

- i. All existing enterprises registered under EM-Part-II or UAM shall register again on the Udyam Registration portal on or after the 1st day of July, 2020.
- ii. All enterprises registered till 30th June, 2020, shall be re-classified in accordance with the said notification.
- iii. The existing enterprises registered prior to 30th June, 2020, shall continue to be valid only for a period up to the 31st day of March, 2022.
- iv. An enterprise registered with any other organisation under the Ministry of Micro, Small and Medium Enterprises shall register itself under Udyam Registration.

Updation and transition period in classification :

An enterprise having Udyam Registration Number shall update its information online in the Udyam Registration portal, including the details of the ITR and the GST Return for the previous financial year and such other additional information as may be required, on self declaration basis.

In case of an upward change in terms of investment in plant and machinery or equipment or turnover or both, and consequent re-classification, an enterprise will maintain its prevailing status till expiry of one year from the close of the year of registration.

In case of reverse-graduation of an enterprise, whether as a result of re-classification or due to actual changes in investment in plant and machinery or equipment or turnover or both, and whether the enterprise is registered under the Act or not, the enterprise will continue in its present category till the closure of the financial year and it will be given the benefit of the changed status only with effect from 1st April of the financial year following the year in which such change took place.

12) CONDITIONS FOR REJECTION OF BIDS OF EXEMPTION CATEGORIES :

- a) If the documentary evidences towards exemption from payment of EMD are not uploaded.
- b) If the tendered items/services are not covered in the Registration Certificate uploaded as evidence for exemption from payment of EMD.
- ~~c) If not furnished an undertaking in lieu of EMD specified under Sl. No. 9 (iii) c.~~
- d) If not signed/authenticated in all pages of undertaking.
- e) If the Signature of witnesses not affixed at the end of undertaking along with details of name and address.
- f) If not furnished the certificates from Chartered Accountant in support of investment held in plant and machinery or equipment and turnover value.
- g) If the documentary evidences produced for exemption from payment of EMD not attested by the Gazetted Officer / Notary Public.

13) The following should be uploaded by the Vendor during submission of Techno-commercial bid for payment of EMD failing which the offer will be SUMMARILY REJECTED.

- i) The e-receipt of payment of EMD through NEFT/RTGS/Account Transfer.
- ~~ii) The proof of exemption of EMD with an undertaking in lieu of EMD~~ and Certificates from Chartered Accountant in support of investment held in plant and machinery or equipment and turnover value for classification.

- 14) The Earnest Money Deposit made by tenderer will be forfeited after e-tender opening if:
- (a) the firm withdraws the tender or backs out after acceptance.
 - (b) the firm withdraws the tender before the expiry of validity period stipulated in the Specification or fails to remit the Security Deposit.
 - (c) the firm violates any of the provisions of these regulations contained herein.
 - (d) the firm revises any of the terms quoted during the validity period.
 - (e) In the event of documents furnished with the offer being 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 TANGEDCO.

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CHIEF ENGINEER/MTPS-I (fac).

SECTION – II

O.T. NO. 581 / 2021-22

BID QUALIFICATION REQUIREMENTS (BQR)

The Bidders shall become eligible to bid on satisfying the following Bid Qualification Requirements and uploading of the required documentary evidences.

1. The bidder should have previously supplied any mechanical spares for conveyors in a single order value of more than Rs.4.26Lakhs within the past ten years as on the date of tender opening in any of the State or Central Government Organization/Public Sector Undertaking/ State Electricity Boards in India and should have satisfactory performance for a minimum period of one year as on the date of tender opening. The date of the purchase order will be reckoned for ascertaining the eligibility of the tender. The bidder shall upload scanned original of the purchase order in complete shape for the above during e-Tender.
2. The bidder shall upload the scanned original of the End user's certificate for the satisfactory performance for the above. In case the above supply was made to TNEB/TANGEDCO, the End user certificate will be obtained by the Tender inviting authority directly from the concerned Organizations. However in case of other Organizations, the End user certificate for the supply executed should be obtained, scanned and uploaded by the bidder during e-Tender.
3. The bidder should have an annual turnover of more than Rs.4.26Lakhs in any one of the last three financial years (i.e., 2018-2019, 2019-2020 and 2020-2021) and shall upload any one of the following statements in support of Annual Turnover for all the three financial years 2018-2019, 2019-2020 and 2020-2021.
 - i. Scanned original of Annual audited balance sheet duly certified by a Chartered accountant (or)
 - ii. Scanned original of Turnover statement duly certified by a Chartered accountant (or)
 - iii. Scanned original of Sales tax return filed by the bidder (or)
 - iv. Scanned original of Income tax return filed by the bidder (or)
 - v. Scanned original of Enlistment certificate issued by NSIC containing turnover details of the bidder as a proof for annual turnover.

Note :-

The Documentary proof for the above BQR shall be scanned and uploaded, failing which their bid will be summarily rejected. The successful bidder has to submit the attested copies of the documents satisfying BQR criteria after tender opening, in the office of the Tender Inviting Authority.

Sd//xx22.03.2022xx//
CHIEF ENGINEER/MTPS-I (fac).

SECTION – III

INSTRUCTION TO TENDERERS

1.0) SCOPE OF SUPPLY:

- 1.1) The Scope of supply (described in Annexure – I) includes packing, forwarding, insurance and delivery of the materials detailed herein, at Central Stores/MTPS-I/Mettur Dam-6.
- 1.2) The quantity indicated in schedule of requirement is approximate. The quantity finally ordered may vary to the extent of 25% either way of the approximate quantity indicated in the Schedule of requirement.

Tamil Nadu Transparency in Tenders Act 1998 and the Tamil Nadu Transparency in Tender Rules 2000 and subsequent amendments thereof are applicable to this Tender.

2.0) SUBMISSION OF TENDER OFFER:

- 2.1) 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.
- 2.2) The Tender Offer consisting of Schedules – A to G, Annexure – I to VI 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.
- 2.3) 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.
- 2.4) 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.

3.0) MODIFICATIONS/CLARIFICATIONS TO TENDER DOCUMENTS:

- 3.1) At any time after the commencement of e-Tender and before the closing of the event, TANGEDCO 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.
- 3.2) In case any tenderer asks for a clarification to the tender documents before 48 hours of opening of tenders, the Superintending Engineer/P&A/MTPS-I will clarify the same.
- 3.3) If any tenderer raises clarifications after the opening of the tender, the clarified reply issued by the Superintending Engineer/P&A/MTPS-I on the clarifications will be final and binding on the Tender.
- 3.4) All tender offers shall be prepared by typing or printing in the formats enclosed with this specification.
- 3.5) **All information in the tender offer shall be in ENGLISH only.** It shall not contain interlineations, erasures or overwritings 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.

4.0) TENDER OPENING:

- 4.1) **OPENING OF COMMERCIAL & TECHNICAL BIDS WITHOUT PRICE: (PART-I)**
The Tender offers except price Bid will be **opened electronically at 14.30Hrs. on the date notified at the Office of Executive Engineer/MM/MTPS-I/Mettur Dam, through <https://www.tntenders.gov.in/nicgep/app>. in the presence of**

tenderer's authorized representative who may wish to be present on the date of opening.

4.2) **OPENING OF THE PRICE BIDS: (PART-II)**

The date and time of opening of Price Bids shall be later notified through registered e-mail to the Bidders who fulfill the BQR criteria and whose bids are found to be commercially and technically acceptable.

- 4.3) If the due of the tender opening is declared as a holiday, the tender will be opened on the next working day at 14.30 hours.

5.0) INFORMATION REQUIRED AND CLARIFICATIONS:

- 5.1) In the process of examination, evaluation and comparison of tender offers, the TANGEDCO 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.
- 5.2) The TANGEDCO will examine the tender offers to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the offers are generally in order.
- 5.3) 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.
- 5.4) After acceptance of the tender by the Tender Accepting Authority, the details will be arranged to be published in the Tender Bulletin of Tamil Nadu Government.
- 5.5) 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 TANGEDCO for rejection of his offer, except as mentioned in Clause – 8.5 & 8.6. The TANGEDCO shall always be at liberty to reject or accept 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 TANGEDCO.

6.0 REJECTION OF TENDERS:

- I. Tenders will be **SUMMARILY** rejected if
- The EMD requirements are not complied with.
 - If the bids are received through Consortium or Joint venture, the same will not be considered and the bids will be rejected.
 - Not satisfying any one of the Bid Qualification Requirement as stipulated in Section – II.
 - The tenderers should quote **minimum quantity of 10%** of tendered quantity. The offer of bidders who have quoted for lesser quantity than the minimum quantity prescribed shall be summarily rejected.
- II. Tender is **LIABLE** to be rejected, if it is:
- not covering the entire scope of supply of materials.
 - If the declaration as specified in Schedule – G is not signed and enclosed.**
 - With validity period less than that stipulated in this specification.
 - Not in conformity with TANGEDCO's Commercial terms and Technical specifications.
 - Received from a tenderer who is directly or indirectly connected with Government service or Board Service or Services of local authority.
 - From any black listed 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 G.
- j) Documents furnished by the Tenderers along with their offer being found to be bogus or contain false particulars.
- k) Received after tender opening.
- l) The offer of bidders who have not furnished the TIN Number in the offers.
- m) Correct GST / HSN code should be furnished.
- n) The bidder should have furnished End user / Performance certificate for the above work / PO.**

7.0) PRICE :

- (i) The prices quoted shall be **firm on F.O.R. Destination giving breakup thereof for any levies, GST, P&F, Freight, Insurance etc. along with HSN code of materials.**
- (ii) The rates quoted should be furnished both in **figures** and as well as in **words**.
- (iii) The GST and other levies should be clearly furnished with percentage in the price. The Concessional GST if any should be mentioned.
- (iv) The Freight and Insurance charges, Packing & Forwarding charges should be shown separately. Packing & Forwarding, Freight and Insurance charges will be paid only at actuals on production of voucher and not on percentage basis.
- (v) Offers giving lumpsum price, without giving their breakup as per details required in the attached Price Schedule – A shall be liable for rejection.
- vi) Except Petrol, Diesel and Cement to the Board as per G.O. Ms. No. 31, Commercial Taxes (B2) dt.27.03.2002, if there is any refunds in GST it should be mentioned in detail.
- vii) DGS & D rates for the items mentioned in the enquiry may be furnished wherever applicable along with the copy of latest DGS & D rate contract for reference.

8.0) AMBIGUITIES IN CONDITIONS OF TENDERS:

- 8.1) 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.
- 8.2) The tender offer shall contain full information asked for in the accompanying schedules and elsewhere in the specification.
- 8.3) 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.
- 8.4) 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.
- 8.5) DEVIATIONS : Offers which conform to the Technical & Commercial specifications without deviations will be preferred. However the deviations, if any shall be indicated in the Schedules – B & C only. Any other deviations mentioned elsewhere other than the schedules – B & C of deviations will be ignored and it will be construed that the offer is as per specification.
- 8.6) The Offers of the Tenderers with Deviations in Commercial terms and Technical Terms of the Tender Document are liable for rejection.
- 8.7) No alternate offer will be accepted.
- 8.8) Board reserves the right not to accept the lowest or any tender.

9.0) DELIVERY:

- 9.1) i) PLACE OF DELIVERY: **The Stores Controller/M.T.P.S-I/Mettur Dam-6.**
 ii) The delivery period shall be as mentioned under Annexure – I of this specification.
 iii) The offer from ready stock is preferable.
- 9.2) TANGEDCO reserves the right to cancel the quantities not supplied as per delivery schedule.

- 9.3) TANGEDCO also reserves the right to cancel the order if the delivery schedule is not kept up, without any further notice to the supplier.
- 9.4) To ensure sustained supply without any interruption, TANGEDCO reserves the right to place orders among more than one tenderer.
- 9.5) The TANGEDCO will be at liberty to cancel the order if the supply is not made as per the delivery schedule specified in the order, 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 contractors will be liable to pay to the TANGEDCO in addition to the liquidated damages for delay, the actual difference in price whenever the TANGEDCO orders the delayed quantity to be supplied / executed by other agencies at higher rate.
- 9.6) The actual date of receipt of each material with all accessories will be reckoned as the date of receipt at MTPS-1 Stores/Mettur Dam for the purpose of calculation of liquidated damages in respect of that material.
- 9.7) The delivery period will not normally be extended. Hence all efforts shall be taken to deliver the materials within the contractual delivery period.

10.0) PAYMENT:

(i) Payment for supplies / works against this order shall be made as follows : -

a) For materials delivered within delivery period :

100% payment of the all inclusive price (including GST) of the materials of each consignment shall be released to the vendors of SSI units and non-SSI units within a time frame of **45 days** from the date of receipt and acceptance of materials at good condition at site and submission of bills with required documents after deducting the recoveries, if any.

In the event of TANGEDCO failing to up keep the stipulated time frame for releasing payment to SSI units and non-SSI units against satisfactory acceptance of materials, the simple interest will be paid for the delayed period at SBI three months MCLR.

b) For materials delivered beyond the delivery period :

100% payment of the all inclusive price (including GST) of the materials of each consignment shall be released to the vendors of SSI units and non-SSI units within a time frame of **45 days** from the date of receipt and acceptance of materials at good condition at site and submission of bills with required documents after deducting L.D. and other recoveries, if any.

In the event of TANGEDCO failing to up keep the stipulated time frame for releasing payment to SSI units and non-SSI units against satisfactory acceptance of materials, the simple interest will be paid for the delayed period at SBI three months MCLR.

(ii) No advance payment/payment thro' Bank or against Regular invoice will be made.

Note :- Payment will be made by cheque on any one of the commercial Bank or their branches in Tamil Nadu as may be decided by the Board from time to time. Exchange commission for issue of Draft and any other bank charges will be to the account of the supplier.

11.0) SECURITY DEPOSIT / SECURITY DEPOSIT CUM PBG:

1) The successful tenderer will have to pay a **Security Deposit of 5% of the value of the contract** in the form of Demand Draft / Banker's Cheque, payable at Mettur Dam and drawn in favour of SE/P&A/MTPS (or) Irrevocable Bank Guarantee (or) NEFT / RTGS (or) by the way of Account transfer to TANGEDCO's Account. In the event of failure to remit security deposit within the prescribed period of **30 days** from the date of receipt of P.O., EMD shall be forfeited and order be cancelled.

You are requested to furnish immediately the E-payment receipt duly reflecting UTR number for having deposited the S.D. amount.

2) The combined Security Deposit cum Performance Bank Guarantee shall be in the form of Demand Draft / Banker's Cheque / Irrevocable Bank Guarantee / NEFT / RTGS / By the way

of Account transfer to TANGEDCO's Account only in case P.O. value exceeds Rs.10 Lakhs.

3) The contract will become effective only if the S.D/S.D cum PBG is paid. The S.D. / S.D cum PBG shall be paid **within 30 days** from the date of receipt of the P.O.

4) The Board reserves the right to cancel the P.O. on failure to furnish the S.D. / S.D cum PBG within the prescribed time limit with the forfeiture of E.M.D paid.

5) Failure to comply with the terms regarding S.D / S.D cum PBG set out in the contract order within the stipulated time by the successful tenderer will entail in the cancellation of the contract without any further reference to the supplier.

6) The S.D / S.D cum PBG will be 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.

7) When there is delay in supply, the Bank guarantee towards combined Security Deposit cum Performance Guarantee shall be got extended suitably.

8) No tenderer is exempted from payment of combined Security Deposit cum Performance Guarantee.

12.0) LIQUIDATED DAMAGES:

a) If the contractor fails to delivery the materials within the time specified in the Contract or any extension thereof, the purchaser shall recover from the contractor as Liquidated Damages a sum of half percent (0.5 percent) of the contract price of the delayed / undelivered materials for each completed week of delay. The total Liquidated Damages shall not exceed Ten percent (10 percent) of the contract price of the materials so delayed / undelivered. The date of receipt of materials at Stores will be reckoned as date of delivery for this purpose.

b) **Liquidated damages** will also be recovered for the **quantity not supplied** as is done for the belated supply.

c) If supplies to be rendered against this Purchase Order are made by the supplier beyond the period of delivery stipulated in the Purchase Order and they are accepted by the Board such acceptance is without prejudice to the Board's rights to levy liquidated damages for the delay in supply.

d) In respect of contracts where supply effected in part or works executed in part, could not be beneficially used by the TANGEDCO (due to such incomplete supply / execution), liquidated damages should be worked out on the basis of entire contract price only and not on the value of delayed portion.

13.0) GST REGISTRATION / I.T. PAN:

1) The latest GST Registration / TIN details shall be enclosed along with the quotation.

2) The Xerox copy of PAN card issued by the IT department shall be enclosed along with the quotation.

3) Applicable GST@% with Input tax credit, HSN code No. etc., along with the proof shall be enclosed along with quotation.

14.0) VALIDITY:

14.1) The tender offer shall be kept valid for acceptance for period of **180 days** from the date of opening of offers. The offers with lower validity period are liable for rejection.

14.2) 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 TANGEDCO.

15.0) SAMPLE:

Samples are necessary before effecting the bulk supply. It will be tested for suitability. The materials will be rejected if it doesn't conform our specification, then the same has to be replaced at free of cost at own risk.

1) Samples are to be supplied wherever applicable. If the samples are not furnished within the stipulated period, the **EMD / 1% of P.O. value will be forfeited.**

2) The delivery period for sample supply and bulk supply should be specified in your offer.

1 no. sample for each item is to be supplied within 30 days from the date of receipt of the P.O. for approval. The sample will be approved within 15 days on its receipt. The bulk supply to be made only after the approval of sample.

16.0) INSPECTION: Not applicable

The materials covered in this order are subject to inspection in the presence of TANGEDCO Engineer at supplier's premises. The expenses connected with the deputation of such inspecting Engineers shall be borne by the Board. You shall provide necessary facilities for such inspection. You are requested to intimate the readiness of the materials for inspection at least 15 (Fifteen) days in advance for deputing our Engineer. Despatch Clearance will be given after inspection at your works. Inspection by Engineers shall not absolve you off the responsibility of supplying the materials confirming to the specification.

17.0) TEST CERTIFICATE:

Manufacturer's test certificate as per specification/Material test certificate as per specification obtained from a Government laboratory/Government approved laboratory shall be sent along with the sample supply & bulk supply separately.

18.0) GUARANTEE:

The materials supplied shall be guaranteed for a period of **18 months** from the date of receipt at site in good condition or **12 months** from the date of commissioning whichever is later subject to an overall guarantee period of **24 months** from the date of supply for satisfactory operation and good workmanship under normal and proper conditions of service & maintenance. Any defect noticed during this period should be rectified by the supplier free of charge to the TANGEDCO.

19.0) GST:

19.1) (a) Any difference in duties due to coming over into different slab or due to statutory variation, if any, during the execution of the contract will have to be taken into account and the price shall be quoted accordingly by the tenderer. Any variation in GST shall not be admitted.

(b) In case of delayed delivery, the duty/tax prevailing on the date of despatch or the duty/tax 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.

(c) The GST will be admitted on submission of evidence for having paid the GST either from Central Excise Authorities or from Chartered accountant.

(d) The GST particulars have to be mentioned while quoting the tender.

(e) The Successful tenderer will have to submit a declaration as per ANNEXURE – VI, in NJS paper of value not less than Rs.80/- for passing on the benefit of Input tax credit to TANGEDCO by the way of commensurate reduction in prices on any supply of goods.

19.2) GST FOR SERVICES:

i) In certain cases though the service for which tender has been floated may be liable for GST for services, but certain bidders may not quote GST for services, in their offer. In that circumstances TANGEDCO may presume that the bidder may be under threshold exemption

limit or under any other exemption hence has not quoted GST for services. As such their offer may be evaluated without GST for services. However, in the event of placement of order, on the above bidder, an undertaking (as per Annexure – V) shall be obtained to that effect that they have not quoted GST for services, in view of the fact that they are under the threshold exemption limit or any other exemption to be specified. They must also undertake that no claim towards GST for services, shall be made till completion of the contract in the event of crossing their exemption limit at a later stage and any GST for services, liability shall be discharged on their own Account to the GST for services, authorities concerned.

- ii) Reimbursement of GST for services, if any has to be mentioned.
- iii) GST for services, reverse charges if any has to be mentioned

20.0) EVALUATION:

The evaluation shall include GST applicable as a part of the price, as detailed below and Packing & Forwarding and Freight & Insurance charges.

In a tender where the tenderers are both from the State of Tamilnadu as well as from outside the State of Tamilnadu, the evaluation will be done based on the GST.

21.0) PRICE PREFERENCE:

No price preference shall be given for Domestic small scale Industrial units and for the Public Sector undertaking of State Government (Viz. Govt. of Tamil Nadu) during evaluation.

22.0) LOSS OR DAMAGE:

- i) You are responsible for the safe delivery of the equipments / materials at destination.
- ii) You are responsible to assess the damages or shortages that occurred in transit and to pursue the claims with the insurers / carriers.
- iii) External damages and or shortages that are prima facie the results or rough handling in transit or due to defective packing will be intimated within 21 days (3 weeks) of the receipt of the materials at site. Internal defects, damages or shortages of any integral parts, which cannot ordinarily be detected on a superficial visual examination, due to bad handling in transit or defective packing would be intimated within one month from the date of receipt of materials at site. In any case the defective parts should be replaced by you free of cost.
- iv) In the event of supplies being received damaged or short at the destination station, the cost of such materials, Railway freight, GST (If payable) and insurance premium and other charges payable thereof will be paid only proportionate to the value of the materials received in good conditions, unless the damaged goods or short supplies are made good free of cost by you.
- v) Any defect of manufacture discovered after the first and before second payment should be rectified free of charge and all defective materials replaced.

23.0) REPLACEMENT OF DEFECTIVE / DAMAGED MATERIALS:

(i) Notwithstanding anything contained in the above liquidated damages clause, 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 or sample, such defects or damages in the materials supplied shall be rectified within two months from the date of intimation of defects / damages either at the point of destination or at the supplier's works, at the cost of supplier, against proper security and acknowledgement. In the alternative, the defective or damaged materials shall be replaced at free of cost within two months from the date of receipt of the intimation from the purchaser. If the Defects or Damages are not rectified or replaced within this period, the supplier 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.

(ii) 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 the Board.

(iii) "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 the Board such as Liquidated Damages, ground rent, etc. as may be determined by the Purchaser".

24.0) FORCE MAJEURE:

If at any time during the continuance of this contract performance in whole or in part of any obligation under the contract shall be prevented or delayed by reasons of any war hostility Acts of Public, enemy acts or Civil commotion, strikes, lockouts, sabotages, fire, flood explosions, epidemics, quarantine restrictions or other acts of God (hereinafter referred to as eventualities) then provided notice of the happening of any such eventuality is given by the supplier to the Board within 15 days from the date of occurrence thereof neither party shall eventually be entitled to terminate this contract nor shall have any claim for damages against the order in respect of such non-performance of delay in performance and deliveries under this contract shall be resumed as soon as practicable after such eventuality has come to an end or ceased to exist.

Provided that if the performance in whole or part by the supplier or any obligation under this contract is prevented or delayed by reasons of any eventuality for a period not exceeding 60 days, the Board may at its option terminate this contract by notice in writing. The Board will also be at liberty to cancel the order if the supply is not completed within the above accepted delivery period notwithstanding the liquidated damages applicable for the belated supplies.

25.0) JURISDICTION FOR LEGAL PROCEEDINGS:

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 or District Court at Salem or sub-Court at Mettur Dam or at the District Munsif Court at Mettur Dam. 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 arise within the jurisdiction of any other Courts in Tamil Nadu and rest within the jurisdiction of courts outside the state of 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 – F in a non-judicial stamp paper of Rs.80/- agreeing to the above condition.

26.0) DUES TO THE BOARD:

The Board is empowered :

- a) To recover any dues against this contract in the Bills/Security deposit/Earnest Money Deposit due to the suppliers either in this contract or any other contracts with Board.
- b) To recover any dues against any other contract of the suppliers with Board, with the available amount due to the suppliers against this contract.
- c) To recover the difference in cost of the item, between the price offered by the failed tenderer and the Prospective new tenderer becoming lowest bidder in a fresh P.O issued for the same item subsequently.

27.0) RIGHTS OF THE BOARD:

27.1) Notwithstanding anything contained in this specification, the TANGEDCO reserves the rights:

- a) to vary the quantity finally ordered to the extent of 25% indicated in Tender document.
- 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 TANGEDCO, 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 the Rate contract.
- f) to accept the lowest eligible tender.
- g) to reject any or all the tenders or cancel without assigning any reasons therefor.
- 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 TANGEDCO.

27.2) 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 TANGEDCO the bidder is found not qualified to satisfactorily perform the contract.

28.0) 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.

29.0) FAILURE TO EXECUTE THE CONTRACT:

Contractors failing to execute the order placed on them to the satisfaction of the TANGEDCO under the terms and conditions set forth therein, will be liable to make good the loss sustained by the TANGEDCO, 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.

30.0) NON-ASSIGNMENT:

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

31.0) EFFECTING OF RECOVERIES:

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

32.0) ARBITRATION ACT NOT TO APPLY:

The TANGEDCO 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.

33.0) QUANTITY ALLOCATION :

At the time of issuing indent for supply of materials, TANGEDCO reserves the right to allocate the quantity after ensuring the manufacturing capacity, ability of supply, quantity offered and past performance.

34.0) APPEAL:

Any tenderer aggrieved by the order of Tender Accepting Authority (Competent Authority), may prefer an appeal to the Govt. within 10 days from the date of receipt of order.

35.0) CAUTION:

1. Specific concurrence or otherwise to all the terms noted herein should be furnished in the tender. Failure to do so will be taken as concurrence to the terms.
2. 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 the tenderers will be forfeited or 1% of the P.O. value will be levied as penalty in addition to blacklisting them for future tenders/contracts in Tamilnadu Electricity Board Limited.
3. The Guidelines issued in Tamil Nadu Transparency in Tenders Act 1998 and Tamil Nadu Transparency in Tender Rules 2000 will be followed.

36.0) QUANTITY VARIATION:

Variation in the quantity (+) or (-) 5% of the ordered quantity will be accepted for good & sufficient reasons.

37.0) SUPPLY AT LOWER RATES: Not applicable

You shall accept for the condition that if the materials are supplied at lower rates to any other customer within the period of one year from the date of PO, then the lower rates shall necessarily be passed on to the board against this Purchase Order also.

38.0) VENDOR REGISTRATION:

In TANGEDCO/TANTRANSCO, Vendor Registration has come into effect from 01.01.2021 as per TANGEDCO proceedings 311, dated 29.12.2020. The tenderer should register in the Online Vendor Portal website <http://exam.tnebnet.org/tnebvendord> for Vendor Registration.

39.0) GENERAL:

All rules and provisions related to GST will be applicable.

Sd//xx15.02.2022xx//
Superintending Engineer/P&A/MTPS-I.

PART – II
SCHEDULE – A
PRICE BID

Tender inviting Authority : CHIEF ENGINEER/MTPS-I/METTUR DAM – 636 406.

Name of Work : Supply of Various sizes of Idlers for Conveyor systems to the Mettur Thermal Power Station-I – 6 items

Specification No.: CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22.

Name of the Bidder/ Bidding Firm/ Company :														
<u>PRICE SCHEDULE</u> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)														
Sl. No.	Item Description	Item code	Quantity	Units	BASIC RATE per unit in Figures To be entered by the Bidder In Rs. P.	Applicable GST in %	Basic rate with GST% per unit In Rs. P	Packing & Forwarding charges per unit In Rs. P.	Freight charges per unit In Rs. P.	Insurance charges per unit In Rs. P.	Other charges (P&F+F&I) with GST% per unit In Rs. P.	Total rate without Taxes In Rs. P. column(13)= [(6) x (4)]	Total rate with Taxes In Rs. P. column(14)= [sum(6,8,9,10, 11,12) x (4)]	Total amount In Words
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	As per Annexure-I enclosed				TO BE QUOTED IN BOQ FORMAT ONLY (ON LINE SUBMISSION)									
Total in Figures														
Quoted rate in Words														

Note : While quoting the rates the bidder shall indicate the HSN Code and Account Code for all the tendered items as per GST Act.

PART – I**SCHEDULE – B**

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

DEVIATIONS FROM TECHNICAL SPECIFICATION

All technical deviations from the specification shall be filled in by the tenderer, clause wise, in the schedule.

Sl.No.	Section No.	Clause No.	Deviation

The tenderer hereby certifies that the above mentioned are the only deviations from the technical specification and the tender conforms to the specification in all other aspects.

SIGNATURE :
NAME :
DESIGNATION :
DATE :

PART – I**SCHEDULE – C**

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

DEVIATIONS FROM COMMERCIAL TERMS

All deviations from the commercial terms shall be filled in by the tenderer, clause wise, in this schedule.

Sl. No.	Section No.	Clause No.	Deviation

The tenderer hereby certifies that the above mentioned are the only deviations from the commercial terms and the tender conforms to the specification in all other aspects.

SIGNATURE :
NAME :
DESIGNATION :
DATE :

PART – I**SCHEDULE – D**

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

**STATEMENT OF SUPPLY/ORDERS/EXECUTED/UNDER EXECUTION
SO FAR DURING THE PAST THREE YEARS AS ON THE TENDER OPENING**

Sl. No.	Name & Address Of The Organization Including Other State EBs	Name Of The Work	P.O. No. And Date	Value Of Order In Rs in Lakhs (*)	Scheduled Date Of Completion Of Order	Actual Date Of Completion Of Order

Note: 1) (*) Split up details such as price, may be enclosed separately.

2) Copies of orders received shall be enclosed.

SIGNATURE :
NAME :
DESIGNATION :
DATE :

PART – I**SCHEDULE – E****UNDERTAKING FOR PAYMENT OF DUES TO TNEB/TANGEDCO**

THIS DEED OF UNDERTAKING EXECUTED AT MTPS-I/METTUR DAM ON THIS THE
BY Messers.

Hereinafter called the "TENDERER" (Which expression where the context so admits mean and include their agents, representatives, Successors – in – office and Assigns)

TO AND IN FAVOUR OF

THE TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED, a body corporate constituted the company registered under Companies Act 1956, having its office at NPKRR Maaligai, 144, Anna Salai, Electricity Avenue, Chennai – 600 002, hereinafter called the "TANGEDCO" (Which expression shall where the context so admits mean and include the successors in – office and assigns).

WHEREAS the TANGEDCO has called for an undertaking from the Tenderer empowering the Board to recover the dues if any.

NOW THIS UNDERTAKING WITNESSETH that the TANGEDCO 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 TANGEDCO. Further, the Tenderer hereby authorizes the TANGEDCO to recover, any dues against any other contract of the Tenderer with the TANGEDCO with the available amount due to the Tenderer against this contract.

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

SIGNATURE OF THE TENDERER.

NAME :
DESIGNATION :
DATE :

COMPANY SEAL :

PART – I**SCHEDULE – F****UNDERTAKING FOR LEGAL PROCEEDINGS JURISDICTION**

(In Non-judicial Rs.80/- Stamp Paper)

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

THIS DEED OF UNDERTAKING EXECUTED AT MTPS-1/METTUR DAM ON THIS THE

By Messers.

Hereinafter called the "TENDERER" (Which expression where the context so admits mean and include their agents, Representatives, Successors – in – office and Assigns).

TO AND IN FAVOUR OF

THE TAMILNADU GENERATION AND DISTRIBUTION CORPORATION LIMITED a body corporate constituted the company registered under Companies Act 1956, having its office at NPKRR Maaligai, 144, Anna Salai, Electricity Avenue, Chennai – 600 002, hereinafter called the "TANGEDCO" (Which expression shall where the context so admits mean and include the successors in – office and assigns).

WHEREAS the TANGEDCO has called for acceptance of jurisdiction of legal proceedings.

NOW THIS UNDERTAKING WITNESSETH that no suit are any proceedings in regard in any matter arising in any respect under this contract shall be instituted in any court, save in appropriate Civil Court of Chennai or the Court of small causes, Chennai. If is agreed that no other court shall have the jurisdiction to entertain any suit or proceedings, eventhough, 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 not in the courts in Chennai City, then it is agreed between parties that such suits or proceedings shall be instituted in court within Tamil Nadu and no other court outside Tamil Nadu shall have jurisdiction, eventhough any part of the cause of action might arise within the jurisdiction of such.

IN WITNESS WHERE OF 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.

NAME :
DESIGNATION :
DATE :

COMPANY SEAL :

PART – I**SCHEDULE – G**

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

DECLARATION FORM

TO
The Chief Engineer,
Mettur Thermal Power Station – I,
Mettur Dam – 636 406.

Dear Sir,

- 1) Having examined the above specification together with the accompany schedules etc., we hereby offer to supply the materials covered in this specification at the rates entered in the attached schedule of prices.
- 2) We hereby guarantee the particulars entered in the schedules attached to the specification.
- 3) In accordance with Security Deposit clause under Section – II of the specification, we agree to furnish security to the extent of 5% of the total value of the contract.
- 4) Our company is not a potentially Sick Industrial Company or a Sick Industrial Company in terms of Section – 23 of Section – 15 of the Sick Industrial Companies (Special Provisions) Act, 1985.

Yours faithfully,

PLACE :
DATE :

SIGNATURE :
DESIGNATION :

COMPANY SEAL :

COMPANY :

***NOTE : Bidder may strike out the para not applicable.**

ANNEXURE – II
CERTIFICATE

To
(Name and address of the selling Dealer)
.....
.....
TNGST NO.

**It is hereby certified that the goods listed below are purchased by us for use
in generation, transmission and distribution of electrical energy.**

Sl. No.	Invoice No./ Date	Description of Goods	Qty.	Value (Rs.)

(Rupees only).

Place :

Date :

(SIGNATURE)

Name :

Status :

Seal of Office :

ANNEXURE – III

UNDERTAKING IN LIEU OF PAYMENT OF EMD

THIS DEED OF UNDERTAKING executed at on this the _____ day of _____ 2022
 By M/s _____ a company registered under companies
 Act 1956, having its registered office at _____ herein after called the Tenderer " TO
 AN IN FAVOUR OF M/s.TAMILNADU GENERATION AND DISTRIBUTION CORPORATION
 LIMITED" a body corporate constituted under the Companies Act 1956, having its office at
 NPKRR MAALIGAI, Electricity Avenue, 144, Anna Salai, Chennai – 600 002 represented by
 THE SUPERINTENDING ENGINEER/PURCHASE & ADMINISTRATION/METTUR THERMAL
 POWER STATION-I, METTUR DAM (herein after called the "TANGEDCO")
 WHEREAS the contract is for the work of
 SPECIFICATION NO.:- CE / MTPS-I / SE / P&A / MM / AE1 / O.T. NO. 581 / 2021-22, Due
 on : 26.04.2022

AND WHEREAS in accordance with clause 5 of the above said Tender specifications,
 the Tenderer has to furnish Earnest Money Deposit of Rs. _____ /-
 (Rupees..... Only)

AND WHEREAS the Tenderer has requested the board to accept an undertaking in lieu of
 payment in cash of the EMD.

AND WHEREAS the TANGEDCO has accepted the request of the Tenderer subject
 to his executing an undertaking to pay to the Board not exceeding Rs. _____ /-
 (Rupees..... only) representing the Earnest Money Deposit together
 with costs in case of non fulfillment of the conditions stipulated in the Tender specification or
 the conditions stipulated in the contract by the Tenderer.

IN CONSIDERATION of the TANGEDCO having agreed to accept an undertaking from the
 Tenderer in lieu of payment of Earnest Money Deposit in Cash, the Tenderer undertakes to
 pay the sum of Rs. _____ /- (Rupees.....only) 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

Specification No.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22, Due on : 26.04.2022

NOW THE CONDITION OF THE ABOVE WRITTEN UNDERTAKING IS such that if the Tenderer
 shall duly and faithfully observe and perform the terms and conditions specified in terms of
 the above, then the above written undertaking shall be void. Otherwise the same 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 TANGEDCO" herein before used shall include their
 respective successors and assigns in office.

IN WITNESS WHERE OF THIRU _____ for and on behalf of the Tenderer has signed this undertaking on the day, the month and year first above written.

IN THE PRESENCE OF WITNESSES.
(Signature of Witnesses)

- 1) _____ Signature with company seal
- 2) _____

NOTE :-

Those bidder availing EMD exemption should furnish the above undertaking in Company Letter Pad duly signed & sealed as per TANGEDCO format in Section – I of Annexure.

ANNEXURE – IV**TENDER ACCEPTANCE LETTER**

(To be given on Company Letter Head)

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

To be signed with company seal on letter head and uploaded in the technical Bid

Date :

To,

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)

ANNEXURE – V**(For Erection Portion only)****NOTE:**

(i) GST@ Extra as applicable on total value with 100% input tax credit. All acts and rules and provision of GST is applicable. GST will be reimbursed against production of documentary evidence for having paid the same for the above works.

(ii) The benefit of Input tax credit (ITC) if any available by the bidder shall be passed on to TANGEDCO.

GST DETAILS:

(i) GST Registration Number :

(ii) SAC Code :

SIGNATURE OF THE CONTRACTOR

NAME AND ADDRESS OF THE CONTRACTOR WITH SEAL

ANNEXURE – VI

**Declaration to be submitted by the bidders
in Non-judicial stamp paper of value not less than Rs.80/-**

SPECIFICATION NO.:- CE/MTPS-I/SE/P&A/MM/AE1/O.T. NO. 581/2021-22

To

The Chief Engineer,
Mettur Thermal Power Station – I,
Mettur Dam – 636 406.

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 unregistered vendor under GST Act being turnover is less than Rs. _____ Lakhs (being threshold limit) per annum. (For unregistered vendor, the vendor has to submit an affidavit in the enclosed format).

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 TANGEDCO 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.

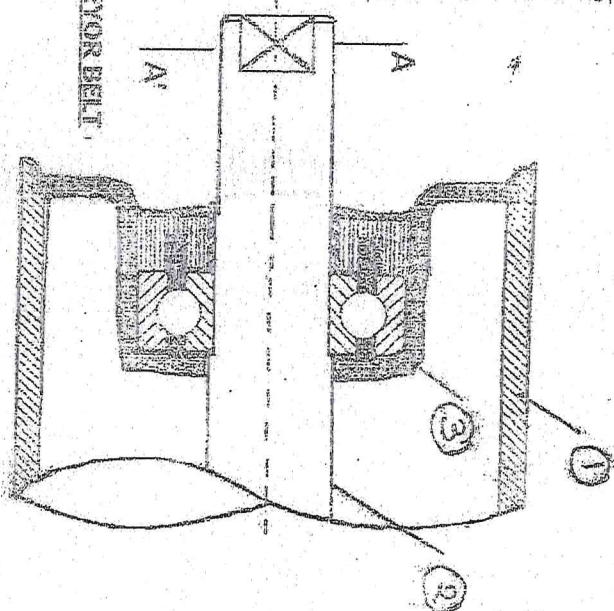
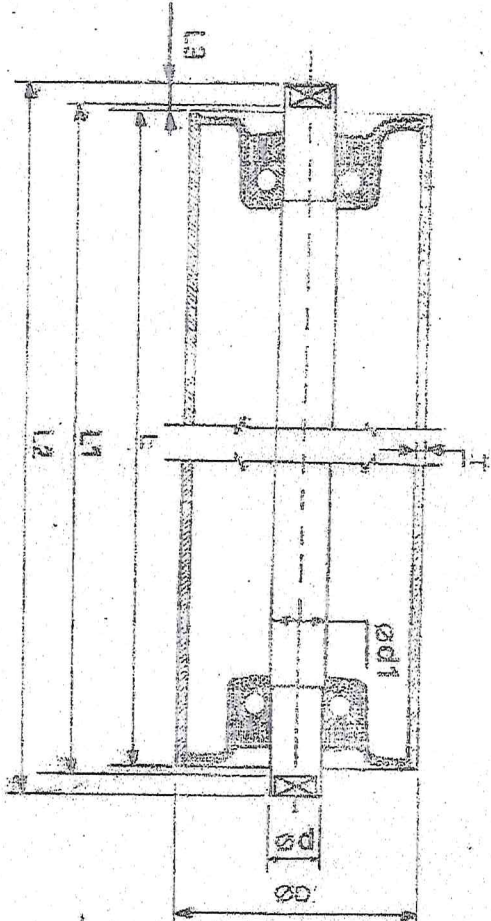
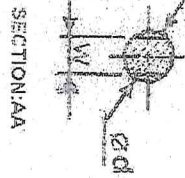
We hereby declare that we do not have any input tax credit benefit on account of GST applicable against this job. If it is established that we have availed input tax credit benefit against this job, the differential tax benefit will be returned to TANGEDCO failing which TANGEDCO may take appropriate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

Signature of bidder with Company Seal.

NOTE :-

- 1. Bidder may strike out the para not applicable.**
- 2. Correct GST@% / HSN code of materials should be furnished.**
- 3. Any benefit of input tax credit available to you shall be passed on to TANGEDCO by the way of commensurate reduction in prices and undertaking for the same shall be furnished.**

ITEM-1



NOTE: CARRYING IDLER (FIXED TYPE) DIA. 159mm X 600mm LONG FOR 1600mm CONVEYOR BELT.

1. Idler conforms to IS: 8598-1987
2. Pipe M.S. ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABL 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for **2 years**.
7. Painting : Olive green over red oxide primer
8. Sl.No. P.O. No. Firm name should be punched or engraved on each idler
9. All dimension are in MM
10. Lithium base grease will be packed for life

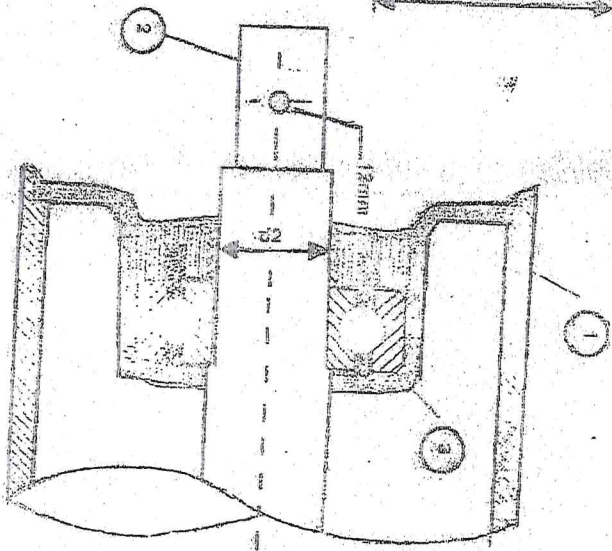
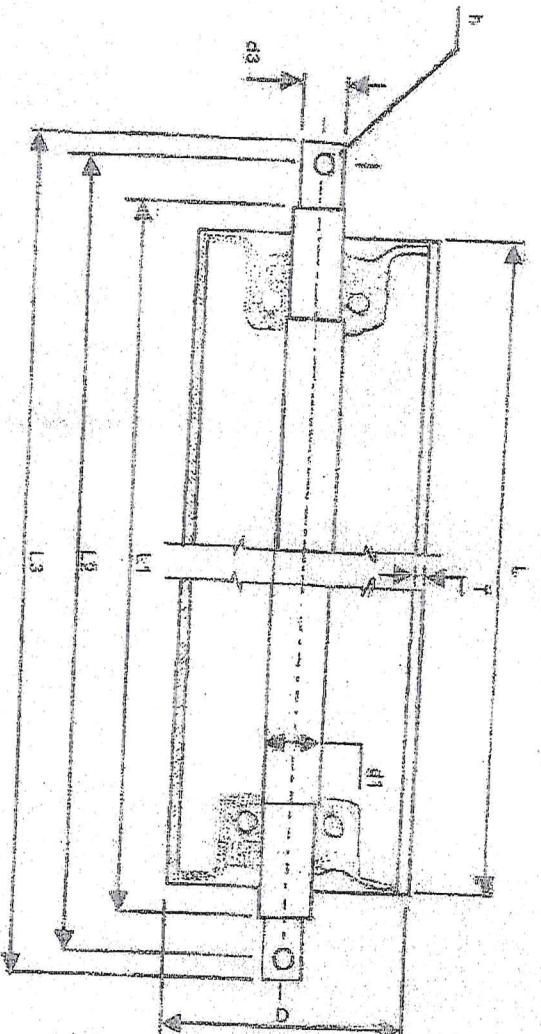
Sl. No.	PART DESCRIPTION	Qty (Nos.)	ALL DIMENSION ARE IN MM								
			L	L1	L2	L3	D	d	d1	T	W
1.	Sheel	1									
2.	Shaft	1									
3.	Bearing cartridge without circlip	2	600	605	630	15	159	30	36	5.4	22

EE / CHIP-1 / MTPS

P.N. 15.12.21
AE/WT/CHIP - 1 / MTPS

C. Nagesh Murthy 15-12-21
AE/WT/CHIP - 1 / MTPS

ITEM-2



NOTE: Return Roller DIA. 159mm X 90mm LONG FOR 1600mm CONVEYOR BELT

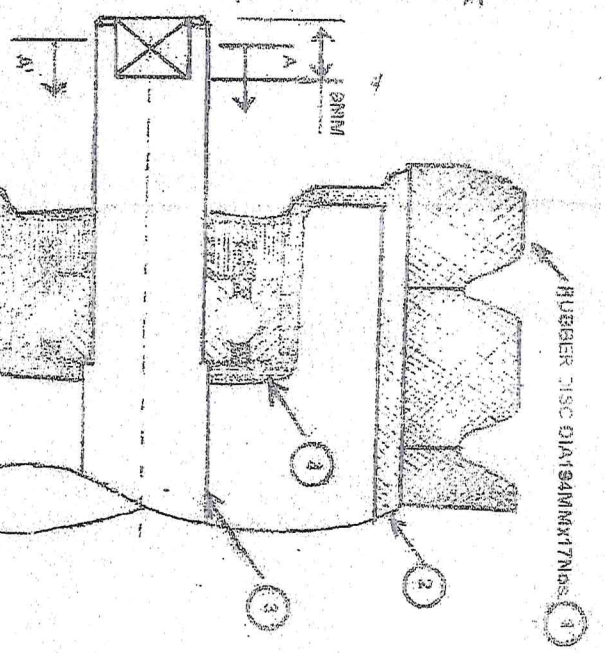
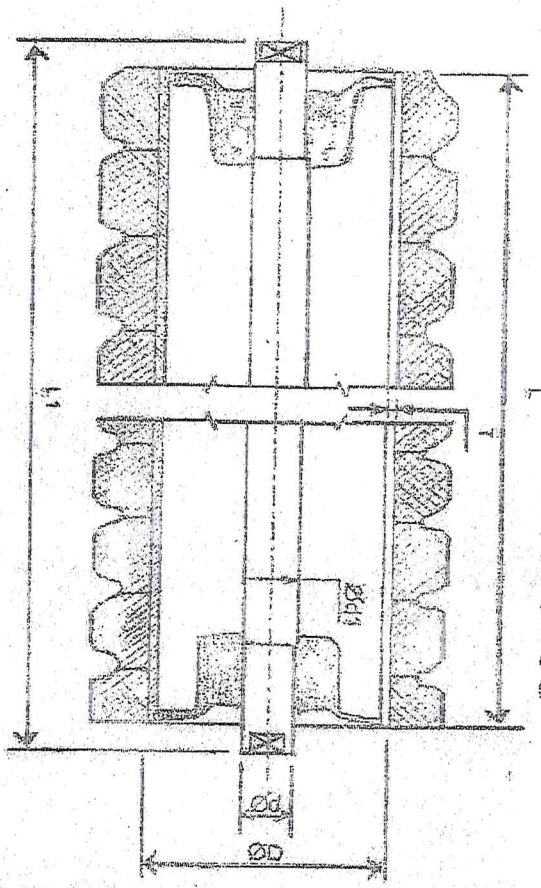
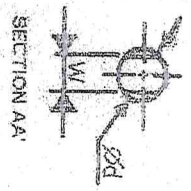
1. Idler conforms to IS: 8598-1987
2. Pipe M.S. ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABT 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for **2 years**.
7. Painting : Olive green over red oxide primer
8. Sl.No. P.O.No. Firm name should be punched or engraved on each idler
9. All dimensions are in MM
10. Lithium base grease will be packed for life

Sl. No.	PART DESCRIPTION	Qty (Nos.)	ALL DIMENSION ARE IN MM									
			L	L1	L2	L3	D	d1	d2	d3	T	h
1.	Steel	1										
2.	Shaft	1										
3.	Bearing cartridge without circlip	2	900	902	938	962	159	36	30	25	5.4	12

EE/CHP-1/MTPS
16-12-21

AE/WT/CHP - 1 / MTPS
16-12-21

AE/WT/CHP - 1 / MTPS
15-12-21



NOTE: Impact Idler (Fixed type) DIA. 193.7mm X 600mm LONG FOR 1600mm CONVEYOR BELT

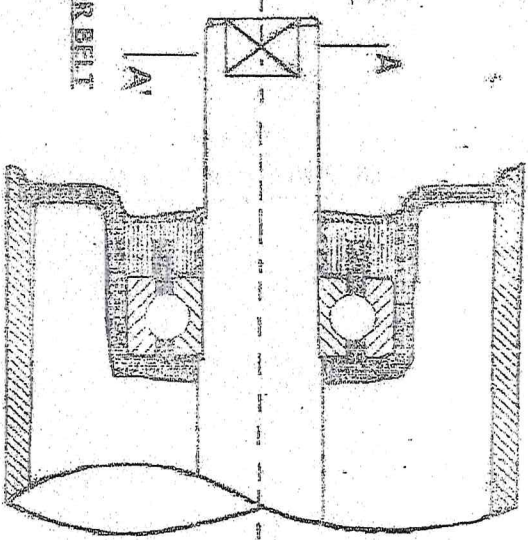
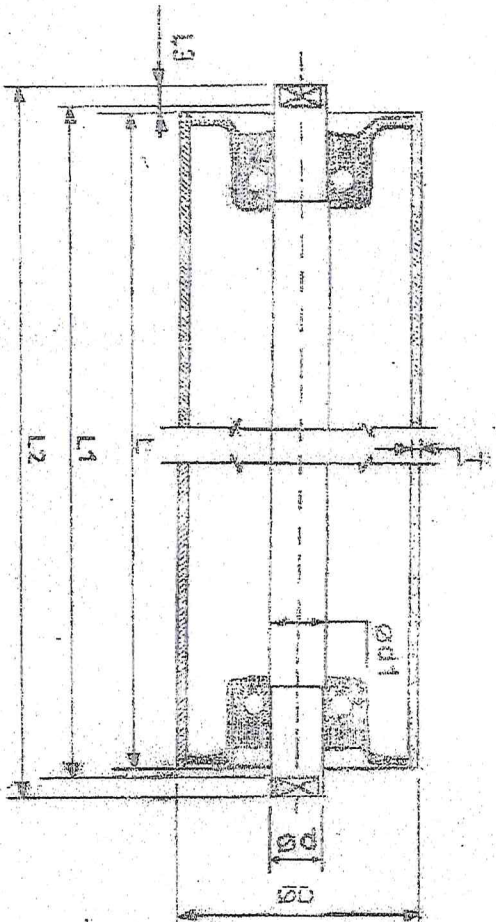
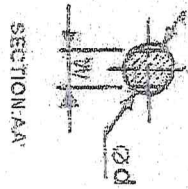
1. Idler conforms to IS: 8598-1987
2. Pipe M.S. ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABL 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for, **2 years**.
7. Painting : Olive green over red oxide primer
8. Sl.No. P.O.No. Firm name should be punched or engraved on each idler
9. All dimension are in mm
10. Lithium base grease will be packed for life

Sl. No.	PART DESCRIPTION	Qty (Nos.)	ALL DIMENSION ARE IN MM						
			L	L1	D	d1	d	T	W
1.	Rubber disc dia 194mm x 35mm thick	17							
2.	Steel	1	600	630	159	36	30	6.3	22
3.	Shaft	1							
4.	Bearing cartridge without circlip	2							

16-12-21
EE/CHP/MTPS

15-12-21
AEEW/CHP - I / MTPS

15-12-21
AEEW/CHP - I / MTPS



NOTE: Impact Idler (Fixed type) DIA. 193.7mm X 250mm LONG FOR 1000mm CONVEYOR BELT

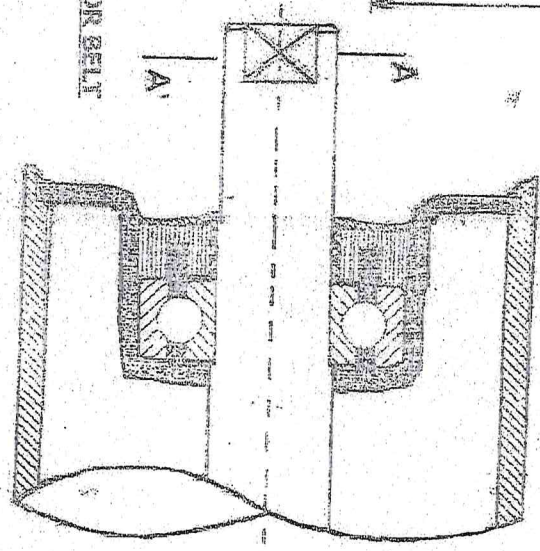
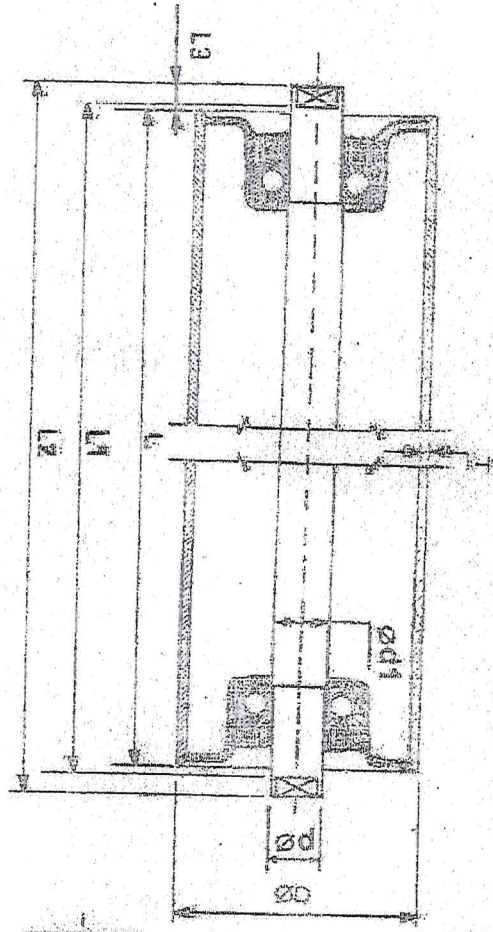
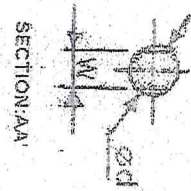
1. Idler conforms to IS: 8598-1987
2. Pipe M.S. ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABL 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for 2 years.
7. Painting : Olive green over red oxide primer
8. Sl.No, P.O.No. Firm name should be punched or engraved on each idler
9. All dimension are in mm
10. Lithium base grease will be packed for life

Sl. No.	PART DESCRIPTION	Qty (Nos.)	ALL DIMENSION ARE IN MM								
			L	L1	L2	L3	D	d	d1	T	W
1.	Sheel	1									
2.	Shaft	1	250	254	280	15	193.7	30	36	6.3	22
3.	Bearing cartridge without circlip	2									

EE / CMP-1 / MTPS

AEEMT/CHP - I / MTPS

AEEMT/CHP - I / MTPS



NOTE: Impact Idler (Fixed type) DIA. 193.7mm X 1400mm LONG FOR 1500mm CONVEYOR BELT

1. Idler conforms to IS: 8598-1987
2. Pipe M.S. ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABL 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for 2 years.
7. Painting : Olive green over red oxide primer
8. Sl.No. P.O.No. Firm name should be punched or engraved on each Idler
9. All dimension are in MM
10. Lithium base grease will be packed for life

Sl. No.	PART DESCRIPTION	Qty (Nos.)	ALL DIMENSION ARE IN MM								
			L	L1	L2	L3	D	d	d1	T	W
1.	Steel	1									
2.	Shaft	1									
3.	Bearing cartridge without circlip	2	1400	1404	1430	15	193.7	30	36	6.3	22

16-12-21
EE / CHD / MTPS

AE/WT/CHP - I / MTPS
15-12-21

AE/WT/CHP - I / MTPS
15-12-21

PLAIN ROLLERSTANDARD 3000 X 700 mm LONG FOR 200 mm CORNER OR EFFECT
 DRISBLE

3000
 700
 200
 DRISBLE

(1)
 (2)

DRISBIL

1. Idler conforms to IS: 8598-1987
2. Pipe M.S.ERW Pipe conforming to IS: 9295
3. Shaft EN 8 as per BS: 970
4. Bearing cartridge without circlip (SKF / ABL 6306ZZC3)
5. All edges will be rounded off or chamfered and made smooth
6. Idlers should be guaranteed for 2 years.
7. Painting : Olive green over red oxide primer
8. SI.No. P.O. No. Firm name should be punched or engraved on each idler
9. All dimension are in MM
10. Lithium base grease will be packed for life

Sl. No.	PART DESCRIPTION	Qty (Nos.)	A. DIMENSION AND WEIGHT										
			L	M	L2	L3	D	H	GA	T	W		
1.	Sheet	1											
2.	Shaft	1											
3.	Bearing cartridge without clip	2	760	710	730	10	14.3	20	22	5.4	15		

16-12-21

AEE/WT/CHP - 1 / MTPS

C. M. 1886 Journal 15-12-2
AEWNTICHP - 1 / MTPS