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|-------------------------------|---|--|
| NAME OF ITEM / WORK | : | SUPPLY, ERECTION AND COMMISSIONING OF 15 KL MILK SILO AND ACCESSORIES – 4 NOS. EACH ONE FOR SHOLINGANALLUR, AMBATTUR, TRICHY AND COIMBATORE DAIRIES |
| TENDER NOTICE REFERENCE NO | : | 3192/Proj.3/2022, Dated:04.04.2022 |

**PART - I
TECHNICAL BID**

THE TAMILNADU COOPERATIVE
MILK PRODUCERS' FEDERATION LTD
CHENNAI 600 035

| |
|---|
| Tender document issued to M/s. _____ Cost of Tender document remitted under receipt No. _____ Date _____ (or) Tender downloaded from website on _____ at free of cost |
|---|

The Dy. General Manager (Engg.),
TCMPF Ltd.,.

TENDER INFORMATION

| | | |
|--|---|---|
| 1. Name and address of the Purchaser | : | The Dy. General Manager (Engg.), Tamilnadu Cooperative Milk Producers' Federation Ltd., Head Office, Aavin Illam, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035. E-Mail: aavindgmeng@yahoo.co.in |
| 2. Name and address of the User | : | The General Manager, Sholinganallur and Ambattur Dairies |
| 3. Name of the Item / Work | : | Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies |
| 4. Tender Reference Number | : | 3192/Proj.3/2022 |
| 5. Tender Estimated Value | : | Rs.40.00 Lakhs |
| 6. Earnest Money Deposit (EMD) | : | Rs.40,000.00 |
| 7. Cost of Tender Document | : | Rs.2,000/- + 18% GST and Rs.100/- extra by post either by cash or demand draft in favour of TCMF Ltd. payable at Chennai drawn from any Indian Nationalized Bank / Scheduled Commercial Bank. Alternatively, Tender documents can also be downloaded from the designated website at free of cost (i.e.) www.tenders.tn.gov.in and www.aavinmilk.com for submission of tender by post (or) courier / www.tntenders.gov.in for e-submission. |
| 8. Sale of tender documents | : | From: 07.04.2022 To 26.04.2022 Time: 11.00 AM To 3.00 PM |
| 9. Date of Pre-Bid meeting | : | Date: 20.04.2022 Time: 11.30 AM |
| 10. Last date and time for submission of the two part tender – both technical and commercial bids. | : | Date: 27.04.2022 Time: 2.00 PM |
| 11. Date and time of opening of Part I Technical Bid Document. | : | Date: 27.04.2022 Time: 2.15 PM |
| 12. Date and time of opening of Part II Financial Bid | : | Financial Bid will be normally opened within 60 days from the date of opening of Part I pre qualifications-technical bid. The date of opening of Financial Bid will be informed to the eligible tenderers who are found and declared as qualified as per Part I technical bid. |
| 13. Place of Sale of Tender Documents, Pre- Bid meeting & Part I Technical Bid and Part II Price Bid opening | : | The Dy. General Manager (Engg.), Head Office Tamilnadu Cooperative Milk Producers' Federation Ltd., Aavin Illam, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035. |

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1.0. TECHNICAL BID – CHECK LIST

PREAMBLE OF TENDER:-

1.1. The Dy. General Manager (Engg.), Head Office, TCMPF Ltd. invites Bids by way of **E-Submission / OFF Line** from eligible bidders on behalf of The General Manager / DGM (Prodn.), Sholinganallur, Ambattur, Trichy and Coimbatore Dairies by two cover system for Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies

1.2. BIDDER TO FILL IN THE CHECK LIST GIVEN BELOW:

(State YES / NO for each item)

Kindly ensure compliance of the under-mentioned requirements, as per Tender Terms and Conditions.

1.3. The tender is offered for:

| S.N. | Name of the work | Remarks | |
|----------|--|--------------|----------|
| 1 | Whether two covers for each item have been sealed separately as "Technical bid" & "Commercial bid" (whichever is applicable) and both the covers enclosed in a common overall envelope duly superscribed as "Tender for Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies." | Yes / No | |
| 2. | Whether the EMD amount as detailed below is enclosed in the technical bid | | |
| Item No. | Name | EMD amount | Remarks |
| 1. | Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies | Rs.40,000.00 | Yes / No |
| 3. | If so, whether D.D. or Bank Guarantee is attached with the Tender offer - Part I / Tech.Bid | | Yes / No |
| 4. | If so, Details of D.D. date, Bank on which drawn etc. may be furnished D.D./BG No(s)..... Dated..... For Rs..... Bank Name and Branch in favour of The Managing Director, TCMPF Ltd. payable at Chennai For E-submission the Earnest Money Deposit specified above may also be paid through online in TN e-Procurement Portal and scanned copy of proof for payment of EMD (ie. e-payment receipt) has to be uploaded. | | Yes/No |
| 5. | If EMD exemption is sought for, whether necessary documentary proof/evidence such as EM Part – II as per MSMED Act 2006 for SSI Certificate / Udyog Aadhar enclosed in the technical bid for tenderers from the state and if from | | Yes / No |

SIGNATURE OF THE TENDERER WITH SEAL

| | | |
|-----|--|----------|
| | outside the state (Tamilnadu) whether NSIC certificate enclosed | |
| 6. | Whether details of infrastructural facilities such as equipment / man-power / financial statement (FY - 2018-19, 2019-20 & 2020-21) details etc., are enclosed. | Yes/No |
| 7. | Whether details of past experience (i.e) Purchase order copy(s) for same capacity (or) above of 15 KL Milk Silo | Yes/No |
| 8. | Whether satisfactory performance certificate from client(s) for the above such supply with features mentioned in the technical specification tendered are enclosed | Yes/No |
| 9. | If so, whether necessary supportive documents such as attested copies of Supply Order / Work order, delivery challans, enclosed. | Yes / No |
| 10. | Whether copies of attested GST Registration certificates enclosed | Yes / No |
| 11. | Whether copy of attested PAN card enclosed | Yes / No |
| 12. | Whether the Minutes of Pre-Bid meeting duly signed and sealed has been enclosed along with Technical Bid Part-I | Yes/No |
| 13. | Whether all the pages in the tender documents – Part I (Tech. Bid) and Part II (Commercial Bid) have been duly signed by authorized signatory | Yes / No |
| 14. | Whether the Commercial bid is filled in detail in the prescribed format for break-up, equipment-wise and for abstract | Yes/No |
| 15. | Whether these two sealed covers for Part - I “Technical Bid” and Part II – “Commercial Bid” – put in a larger cover duly superscribed, addressed and wax sealed at appropriate places. | Yes/No |

Note: Please ensure that all the relevant boxes are marked YES / NO against each column.

Important Note: Bidders must ensure that all the required documents indicated in the tender document are submitted without fail. Bids received without supporting documents for the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.

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2. TWO PART TENDER APPLICATION

TECHNICAL (PRE-QUALIFICATION) BID & PRICE BID APPLICATION

From

M/s.

To

The Dy. General Manager (Engg.),
TCMPF Ltd.,
Head Office, Aavin Illam, 3-A,
Pasumpon Muthuramalinganar Salai,
Nandanam, Chennai – 600 035.

Sir,

Sub: Two Part tender – [Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies](#) – Submission of Documents – Regarding.

<><><>

Having examined the two part tender documents consisting of Part I technical bid pertaining to pre-qualification and part II commercial bid with price quote, I/We hereby submit all the necessary documents and relevant information for bidding the above mentioned tender.

The application is made by me/us on behalf of in the capacity of duly authorized to submit this two part tender offer.

Necessary evidence admissible in law in respect of authority assigned to me on behalf of the bidding firm is herewith attached.

I submit the documents herewith taking into consideration of all the instructions, terms and conditions in the detailed two part tender notice.

I/We understand that The Dy. General Manager (Engg.), TCMPF Ltd., Chennai reserves the right to reject any tender offer fully or partly without assigning any reasons thereof.

I/We hereby agree to hold the tender offer valid for acceptance for a period of 120 days from the date of opening of Part – I – Technical bid.

Signature of the Applicant
Including title capacity

(NAME IN BLOCK LETTERS)

Enclosures:

1. Evidence of authority to sign
2. Latest brochures if any
3. Part I pre-qualification – Technical bid in separate sealed cover
4. Part II commercial bid with price quote in separate sealed cover.

3. INSTRUCTIONS TO THE TENDERERS

This two part tender document consists of:

Part I – Technical Bid for Pre-Qualifying

Part II – Commercial bid for price-quote schedule.

- 3.1 Read all the terms and conditions of the two part tender before to start filling up.
- 3.2 The tenderers are to submit the **original set** of the two part tender (both Part – I – Technical Bid and Part II Commercial Bid) duly filled in, attach necessary documents and are advised to retain the duplicate set of documents for records.
- 3.3 The part I – Technical Bid for Pre-qualification consisting of pages.....and the Part II – Commercial bid for price-quote schedule consisting of pages..... should be submitted in two different covers duly superscribed as “Tender for the [Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies](#)” and again put both the sealed technical bid cover and commercial bid cover in a larger wax sealed cover duly superscribed as “[Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies](#)” and addressed to “The Dy. General Manager (Engg.), TCMPF Ltd, Head Office, Aavin Illam, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035.” either in person or by post so as to reach on or before the time and date specified. Tenders received after the specified date and time shall be summarily rejected.
- 3.4 The tenderer shall submit tenders in person or by post or courier or by electronic submission through the designated website www.tntenders.gov.in as provided in the TNTT Rule 18 (1) and 18 (3).
- 3.5 a).If the envelope is not sealed and super-scribed as instructed, no responsibility will be assumed for any misplacement of tender or premature opening of the envelope or parcel.
b). Telegraphic / FAX Tenders will not be accepted.
c). E-Tendering facility is available for this tender.
- 3.6 The quantities mentioned in the tender document are approximate. The tender accepting authority shall be permitted to vary the quantities finally ordered and execute the work through the contractor to the extent of 25% (Twenty five percent) either way of the requirements.
- 3.7 **Go through the check slip given and ensure compliance of the terms and conditions.**

[I agree to abide by the above instructions](#)

SIGNATURE OF THE TENDERER

- 3.8 The tenderer is specifically informed that all the pages in both Part I – Technical Bid and part II – Commercial Bid should be signed at the bottom of each page without any omission by the authorized signatory with name and seal of the firm.
- 3.9 The signatory of the tender should indicate his/their status in which he/they have signed and submit necessary documentary proof admissible in law in respect of such authority assigned to him/them by the firm.
- 3.10 If the Qualification application is made by a FIRM in partnership, it shall be signed by all the partners of the firm with their full names and current address or by a partner authorized by the firm (either as per Articles of the Deed of Partnership / by power of attorney)- for signing in Tenders, Agreements etc. In which case, certified copy of the registered deed of Partnership along with the current address of all the partners and a certified photocopy of the Registered Power of Attorney issued in favour of the Signatory, should be produced.
- 3.11 If the Qualification Application is made by a Limited Company or a Limited Corporation, it shall be signed by a duly authorized person holding the Power of attorney for signing the application, in which case, the certified copy of the power of attorney shall accompany the qualification application. Such limited company or corporation shall also furnish satisfactory evidence of its' existence along with the Qualification schedule.
- 3.12 **The tenderer who are downloading the document from the web site are instructed to check the web site for corrigendum after the date of pre-bid meeting, for any amendments (pre-bid – minutes) (if any issued) They are instructed to down load the above amendments and enclose it along with the technical bid document duly authenticating while submitting without fail. Failure to submit the pre-bid minutes will lead to rejection of the tender offer.**
- 3.13 The tenderer shall provide Raw material test certificates, Manufacturer Test Certificates and also arrange to provide instrument for identification of material to conform as per technical specification during the inspection.
- 3.14 Detailed evaluation done on the basis of the Documents / Records / Evidences / Certificates produced by the Applicant in the Technical Bid.

I agree to abide by the above instructions

SIGNATURE OF THE TENDERER

4.0.GENERAL TERMS & CONDITIONS

- 4.1. Tender under sealed **two part tender system** (i.e.) Technical Bid (Prequalification) & Price Bid (item rate tenders) are invited for and on behalf of General Manager / DGM (Prodn.), Sholinganallur, Ambattur, Trichy and Coimbatore Dairies by The Dy. General Manager (Engg.), Head Office, TCMPF Ltd. for the Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies
- 4.2
- 4.2.1.The tenderer should be manufacturer / supplier of 15 KL Milk Silo
- 4.2.2. The tenderer should have previous experience in having supplied and commissioned same capacity (or) above of 15 KL Milk Silo, in India either to any cooperative institution or reputed dairies / firms.
- 4.2.3. The tenderer should have supplied and commissioned same capacity (or) above of 15 KL Milk Silo, for which tender called for, and enclose copies of purchase order / supply order within a period of 5 years.
- 4.2.4.The performance certificate for above such supply for which Purchase Order / Supply order furnished as per 4.2.5 from the reputed purchaser shall be enclosed in the technical bid part – I. The performance certificate received from purchaser / client should be of within a period of 3 years.
- 4.2.5.The Tenderer should have minimum experience of 5 Years in the manufacturing and supplying of 15 KL Milk Silo. Copies of Registration of firms with list of activities/GST registration certificate etc. should be enclosed as supporting document.
- 4.2.6.If the tenderer is an authorized dealer / supplier of original equipment manufacturer (OEM), the tenderer shall furnish the authorization letter from the original equipment manufacturer (OEM) for supply of 15 KL Milk Silo. The original equipment manufacturer (OEM) can authorize only one dealer / supplier
- 4.2.7.If the tenderer is an authorized dealer / supplier for 15 KL Milk Silo then the experience of the manufacturer for supply of 15 KL Milk Silo, their performance shall be taken for evaluation of technical bids, even if the supply has been made either by the manufacturer directly or through other agencies.
- 4.3.

Noted and agreed to the above

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- 4.3.1 PART I TECHNICAL BID, wherein the pre-qualification, based on various factors such as supply, capacity etc., suitability and eligibility of the tenderer will be evaluated, considered and decided prior to opening of commercial Bids under PART II of the tender.
- 4.3.2. THE PART I technical bid shall be opened on **27.04.2022 at 02.15 PM.** in the presence of the tenderers or their authorized representative who opt to be present during the opening.
- 4.4.
- 4.4.1. The PART II Commercial Bid of the tenderers who do not satisfy any/all the terms and conditions specifically so mentioned under PART I technical, shall not be considered and shall not be opened as non responsive.
- 4.4.2. PART II Commercial Bid, wherein the rates tendered by those who qualify for and are selected as per the terms and conditions prescribed in PART I TECHNICAL BID only will be considered and decided for the award of the contract for the [Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies](#)
- 4.5. The Part II commercial bids shall normally be opened within 60 days from the date of opening of the Part I pre-qualification/ technical bid in the presence of tenderers or their authorized representatives who opt to be present. The date of such opening of commercial bid will be informed separately to those who qualify in the PART I technical bid.
- 4.6. The tenderer is specifically informed that all the pages in both Part I – Technical Bid and Part II – Commercial Bid should be signed at the bottom of each page without any omission by the authorized signatory with name and seal of the firm.
- 4.7. The tender forms are not transferable or assignable.
- 4.8. The signatory of the tender should indicate his/their status in which he/they have signed and submit necessary documentary proof admissible in law in respect of such authority assigned to him/them by the firm. If the tender opening day is declared as a holiday, the tenders shall be received and opened immediately on the next working day at the same time and place.

4.9 E.M.D. PAYABLE:

- 4.9.1 Tender must be accompanied with the prescribed amount of EMD along with tender, **if e-tender, the EMD DD should be dropped in the tender**

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box before closure time or may be paid through online in TN e-Procurement Portal and scanned copy of proof for payment of EMD (ie. e-payment receipt) has to be uploaded.

4.9.2 EMD Payable is as detailed below:-

| Sl. No. | Name of equipment | Qty. | EMD amount |
|---------|--|--------|---------------------|
| 1 | Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies | 4 Nos. | Rs.40,000.00 |

The EMD amount to be drawn by means of the **Demand Draft** from any Indian Nationalised Bank or Scheduled Bank drawn in favour of the "Managing Director, TCMPPF Limited," Payable at Chennai. **IT SHALL BE ENCLOSED WITH THE PART I TECHNICAL BID ONLY.** For e-Submission the EMD amount paid through online in the TN e-Procurement Portal. ***No other form of remittance shall be accepted.***

4.9.3. SSI Units claiming exemption from the payment of EMD,

1. Shall enclose a copy of EM Part II as per MSMED Act 2006 for SSI Certificate obtained from the General Manager, District Industries Centre / Udyog Aadhar, in respect of items manufactured by them for which tenders have been called for alone will be granted exemption from payment of EMD.
2. In respect of SSI units located outside the state (Tamilnadu), such of these units registered with NSIC in respect of items manufactured by them for which tenders have been called for alone will be granted exemption from payment of EMD.

4.9.4. Tenders not accompanied with Demand Draft or Online Payment towards the prescribed EMD or the relevant documentary proof for the exemption thereon shall be summarily rejected.

4.9.5. The EMD remitted by the tenderer shall be forfeited in full.

- 1). If the tenderer submit fresh offer / revises offer in case of any omission subsequently after opening.
- 2). If withdraws his tender or backs at before the expiry of validity period or after acceptance.
- 3). If revises any of the terms quoted during validity period.

4.9.6. MODIFICATION AND WITHDRAWAL OF BIDS

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- 4.9.6.1. No Tenderer shall be allowed to withdraw the tenders after submitting the tender.
- 4.9.6.2 A Tenderer may submit a modified Tender before the last date for receipt of tender: Provided that where more than one Tender is submitted by the same Tenderer, the lowest eligible financial tender shall be considered for evaluation.
- 4.9.6.3 Each bidder's modification notice shall be prepared, sealed, marked and delivered with the outer and inner envelopes additionally marked MODIFICATION as appropriate.
- 4.9.6.4 No bid may be modified after the deadline for submission of Bids.
- 4.9.7 Bidders shall submit offers that comply with the requirements of the bidding documents, as indicated in the technical specifications.
"Alternatives will not be considered".
- 4.9.8 Communication to the unsuccessful Bidders will be sent after the communication sent to the successful Bidder. Within 90 (Ninety) days from the date of the receipt of refund vouchers duly stamped and signed from the unsuccessful Bidder, refund of Earnest Money Deposit will be made.

4.10. PAN/GST REGISTRATION/CLEARANCE CERTIFICATE:

- 4.10.1. Tenderers shall furnish attested Photostat copies of valid GST Registration Certificates along with the tender technical bid Part-I.
- 4.10.2. Tenderers shall furnish attested Photostat copy of PAN Registration Certificates along with the tender technical bid Part-I.
- 4.10.3. Tenderers have to furnish the latest valid S.T. Clearance Certificate before issuance of final orders.

4.11. ENCLOSURES: The tenderer should submit the following documents **duly attested by Notary Public** along with the Part – I technical bid.

- 1). Purchase orders as supportive documents to show the past supply having supplied to any of the reputed dairies / firm(s) /coop(s) in India.
- 2). Satisfactory performance certificate from client(s) for the above equipments tendered.
- 3). If the tenderer is an authorized suppliers of a manufacturer, the tenderer shall furnish the authorization letter from the manufacturer for supply of [15 KL Milk Silo](#)
- 4). Photostat copies of valid GST Registration Certificate, PAN Certificate.
- 5). Infrastructure facilities – Capacity of Firm / Supplier:-

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- (i). Structure and Organization with details of Technical Personnel etc. – Annexure – A
- (ii). Financial Capability Statement – Annexure – B
- (iii). Building, Plant and Equipments
- (iv). Details of Abandonment of work Litigation / debarring done – Annexure – C
- (v). Affidavit – Annexure – D
- (vi). Credit Facilities – Bank Certificate – Annexure – E

4.12. SECURITY DEPOSIT

The successful tenderers would be required to sign an agreement and furnish a Security Deposit of 5% of the order value, drawn by means of Demand Draft or it shall be submitted by means of Bank Guarantee for the period of 18 months and extendable as and when required from any Indian Nationalised Bank or Scheduled Bank drawn in favour of "Managing Director, TCMPF Ltd" payable at Chennai within 15 days of notifying them. The EMD already paid along with tender shall be adjusted against SD to be paid by the successful tenderer.

No exemption will be given from payment of Security deposit under any circumstances as per TINT Act and the same should be remitted by above means. Any other form of remittance will not be accepted.

4.12.1. The security deposit will be refunded only after the expiry of 6 months from the date of satisfactory completion of the contract satisfactorily complying to the specification of the equipment to take care of the workmanship of the agency.

4.13. AGREEMENT:

The successful tenderer has to execute an agreement on Rs.100/- non-judicial stamp paper incorporating the terms and conditions of the contract and the specification within 15 days from the date of intimation of the acceptance of the tender. In case of default of either of the conditions (i.e) remitting the security deposit or execution of the agreement within the time allowed, the EMD paid is likely to be forfeited by the Federation.

4.13.1. If the contractor fails to execute the contract satisfactorily at the tendered rate, the security deposit will be forfeited by the Federation.

4.13.2. If the Federation incurs any loss / additional expenditure due to the negligence of the contractor in connection with the work during the

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period of contract, the same shall be recovered together with all charges and expenses from the contractor.

4.13.3. The breakages or damages, if any, caused by the contractor to the property of the Federation, the cost will be recovered from the contractor.

4.13.4. **RATES AND PRICE:** This is a fixed price contract. Price adjustment clause (to account for raise or fall in the money value / statutory taxes during the contract period) is not operatable for this contract. However any variation in the statutory levies and Taxes by State Government / Central Government shall be effected on the end price to the benefit of either the contractor or Federation as the case it may be.

4.13.5. No interest shall be paid on Earnest Money Deposit/Security Deposit.

4.13.6. The Agreement in Rs.100/- non-judicial stamp paper shall be signed and returned within 15 days of receipt of the Design, Supply, Erection, Installation, Testing and Commissioning order along with the D.D. for Security Deposit.

4.14. DELIVERY SCHEDULE:-

4.14.1. Supply : 6 – 8 weeks from the date of receipt of purchase order (or) 1 month from the readiness of site whichever is later

4.14.2. Erection, Installation, Testing and Commissioning : 3 – 4 weeks from the readiness of site (or) receipt of Materials at site whichever is later.

4.15. PAYMENT TERMS:

4.15.1. SUPPLY:

a). If the single order of any successful tenderers is over Rs.1 crore., an advance payment of 10% of the basic value of the order will be considered against irrevocable bank guarantee for a period till completion of entire supply of [15 KL Milk Silo](#) and such advance shall be recovered with interest applicable at the time of recovery from the bills payable at the time of release of 70% basic price + taxes and other charges.

(OR)

70% of basic price + taxes and other charges shall be released on receipt of the [15 KL Milk Silo](#) in good condition at site.

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- b). The remaining 30% payment shall be released after the Erection and satisfactory commissioning of the [15 KL Milk Silo](#) at site.

(OR)

If the site is not ready due to unavoidable circumstances for carrying out the Erection, Installation, Testing and Commissioning of the equipments within 3 months period, then the balance 30% payment on supply will be considered for release on submission of irrevocable Bank Guarantee for a value equal to 30% of supply order value, for one year and extendable for another one more year with an agreement on a non-judicial stamp paper to a value of Rs.100/- (Rupees hundred only) for execution of project subsequently without altering the Erection, Installation, Testing and Commissioning charges.

4.15.2. ERECTION, INSTALLATION, TESTING AND COMMISSIONING:

- a). 70% of the Erection, Installation, Testing and Commissioning charges shall be released on satisfactory completion of the Erection, Installation, Testing and Commissioning of the [15 KL Milk Silo](#)
- b). Balance 30% of Erection, Installation, Testing and Commissioning charges shall be released after 3 months from the date of satisfactory commissioning and performance of the [15 KL Milk Silo](#).

**N.B: NO OTHER TERMS OF PAYMENT WILL BE ENTERTAINED.
PENALTY CLAUSE:**

4.15.3. If the tenderer / Contractor fails in his due performance of the contract within the time fixed in the schedule accompanying the order or extension of time granted:-

- (a) Liquidated damages will be levied at 1% per month for the number of days that the supply / work has been delayed for the contract value less than Rs.50,00,000/- (Rupees fifty lakhs) as below subject to:-
- (i). The Liquidated Damages be imposed on the value of undelivered / delayed supply of materials / machineries instead of total value of contract, if the tender is for the Design, Supply, Erection, Installation, Testing and Commissioning of two or more number of machineries and where the materials / machineries can be put into use separately.

(OR)

- (ii). The Liquidated Damages be imposed on the total value of the contract for delayed supply / completion of material / work as per the milestone fixed in the tender (i.e) turnkey job inclusive of [Noted and agreed to the above](#)

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Civil work, supply of Mechanical/Electrical item, Erection etc., since the machineries partly supplied could not be put into operation and affect the functioning of system and other accessories as per plan.

- (b). The Liquidated Damages be imposed for the delayed supply / Erection, Installation, Testing and commissioning at 0.5% per month, if the contract value is more than Rs.50.00 Lakhs (Rupees fifty lakhs). The maximum deduction is limited to 5% on LD.

4.15.4. Time being the essence of contract no variation shall be permitted in the delivery time as prescribed in the delivery schedule. If the tenderer fails to supply and execute the work in full or part of the order as per the delivery schedule, the Federation shall reserve the right to cancel the order besides forfeiture of Security Deposit.

4.15.5. Notwithstanding anything contained in the tender schedule, no obligation rests on the Federation to accept the lowest tender and the Federation shall also have the right to accept or reject any or all the tenders fully or partly without assigning any reasons.

4.15.6. For violation of any of the terms and conditions of the contract, the Federation reserves the right to terminate the contract, with or without notice as applicable.

4.15.7. On termination of contract, the Security Deposit is liable to be forfeited and any of the resultant loss beyond Security Deposit will be recovered from the contractor by legal means apart from forfeiture of any amount due to the contractor.

4.15.8. (a). If the tenderer defaulted in any of the previous tenders to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full will not be eligible from participating in this tender.

(b). If the successful tenderer either in federation TCMPF or in the DCMPU defaulted to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full shall be debarred from participating in the subsequent tenders for a period of 3 years.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

4.16. WARRANTY:

A warranty certificate shall be furnished on the workmanship, parts and performance of the 15 KL Milk Silo – 4 Nos. for a period of 18 months from the date of supply or 12 months from the date of satisfactory commissioning whichever is later. If any defects are noticed in the equipments during the warranty period the same should be rectified at site at free of cost and charges.

4.17. FORCE MAJEURE:

Failure or delay in the part of tenderer for supply due to force majeure causes enumerated here under shall be considered, provided the supplier produces documentary evidence.

- a. Any cause which is beyond the reasonable control of the tenderer.
- 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 restrictions.
- d. Accident and disruptions such as fire, explosion, increase in power cut with respect to date of tender opening etc.,
- e. Strikes, slow down and lockouts.

The cause of force majeure condition will be taken into consideration only if the supplier notifies within 30 days from the occurrence of such eventualities. 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 time.

4.18. DISPUTES AND ARBITRATION:

In case of disputes arising out of this tender, an arbitrator as mutually acceptable to the tenderer and Federation will be appointed by the Managing Director, TCMF Limited. The arbitrator's decision shall be final, conclusive and binding on both the parties.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

4.19. LEGAL JURISDICTION

In case if either party to the tender is aggrieved by the award of the arbitrator so appointed as per clause 4.18 or otherwise, they can appeal to Court of Deputy Registrar (Dairying), Thiruvallur. The legal jurisdiction will be only Deputy Registrar (Dairying), Thiruvallur Court.

4.20. PERFORMANCE GUARANTEE:

If the value of supply order is Rs.50 lakhs or more, the contractor shall provide a performance guarantee at the time of getting 70% payment for the 10% of the supply order value of the **15 KL Milk Silo** ordered as Bank Guarantee from a Nationalized Bank / Scheduled Banks for a period of one year and extendable to one more year if needed.

4.21. INSPECTION:

After issue of purchase order to L1 Firm, the material inspection will be conducted at Supplier's site and Purchaser's by TCMPF Ltd., / Third Party agency as the case it may be.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

5.0. PRE QUALIFICATION CRITERIA – TECHNICAL BID (PART-I)

The pre-qualification tender/PART-I technical bid will contain the under mentioned aspects pertaining to the prospective suppliers about their suitability, capacity, financial status, antecedents, past performance etc. The conditions are:-

5.1. Tenders not accompanied with Demand Draft or Online Payment towards the prescribed EMD or the relevant documentary proof for the exemption thereon shall be summarily rejected

- 5.1.1. The tenderer should be manufacturer / supplier of [15 KL Milk Silo](#)
- 5.2. The tenderer should have previous experience in having [supplied and commissioned same capacity \(or\) above of 15 KL Milk Silo](#), in India either to any cooperative institution or reputed dairies / firms.
- 5.3. The tenderer should have [supplied and commissioned same capacity \(or\) above of 15 KL Milk Silo](#), for which tender called for, and enclose copies of purchase order / supply order within a period of 5 years.
- 5.4. The performance certificate for [above such supply for which Purchase Order / Supply order furnished as per 5.3](#) from the reputed purchaser shall be enclosed in the technical bid part – I. The performance certificate received from purchaser / client should be of within a period of 3 years.
- 5.5. The Tenderer should have minimum experience of 5 Years in the manufacturing and supplying of [15 KL Milk Silo](#). Copies of Registration of firms with list of activities/GST registration certificate etc. should be enclosed as supporting document
- 5.6. If the tenderer is an authorized dealer / supplier of original equipment manufacturer (OEM), the tenderer shall furnish the authorization letter from the original equipment manufacturer (OEM) for supply of [15 KL Milk Silo](#). The original equipment manufacturer (OEM) can authorize only one dealer / supplier.
- 5.7. If the tenderer is an authorized dealer / supplier for [15 KL Milk Silo](#), then the experience of the manufacturer for supply of [15 KL Milk Silo](#), their performance shall be taken for evaluation of technical bids, even if the supply has been made either by the manufacturer directly or through other agencies.
- 5.8. The tenderer who are downloading the document from the web site are instructed to check the web site for corrigendum after the date of pre-bid meeting, for any amendments (pre-bid – minutes) (if any issued) They are instructed to down load the above amendments and enclose it along with the technical bid document**

[Noted and agreed to the above](#)

SIGNATURE OF THE TENDERER

duly authenticating while submitting without fail. Failure to submit the pre-bid minutes will lead to rejection of the tender offer.

- 5.9. **FINANCIAL:** The tenderer shall have ***average annual sales turn-over for the last three financial years (2018-19, 2019-20 & 2020-21) equal to the tender estimated value and minimum annual sales turn-over in each of the last three financial years (2018-19, 2019-20 & 2020-21) shall not be less than 50% of the tender estimated value.***

5.10. VALIDITY OF PRICE TENDER:

- a). The tender offer shall be kept for acceptance for a period of 120 days from the date of opening of Part – I Technical bid. The offers with lower validity period are liable for rejection.
- b). Further the tenderer shall agree to extend the validity of the bids without altering the substance and prices of their bid for further period, if any required by Federation (i.e) The Price Bid shall be valid for a period of at least 90 days (Ninety Days) from the date, notified for opening of Price Bid.

5.11. DEVIATION:

- a). The offers of the tenderers with deviations on technical / commercial terms of the tender will be rejected.
- b). No alternate offer will be accepted.

- 5.12. Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- a). Made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- b). Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- c). Participated in the previous bidding for the same work and had quoted unreasonably high bid prices and could not furnish rational justification to the employer.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

Annexure – A
STRUCTURE AND ORGANISATION

| | | | |
|----|---|---|--|
| 1 | Name of the Applicant | : | |
| 2 | Status | : | |
| | Individual contractor | : | |
| | Sole Proprietary Firm | : | |
| | Firm in Partnership | : | |
| | Private Limited Company | : | |
| | Public Limited Company | : | |
| 3 | Head Office/Registered office address with phone / Telex / Fax Number | : | |
| 4 | Contact Person Name Address Mobile No Email Address | : | |
| 5 | Regional Office address with Phone / Telex / Fax Number | : | |
| 6 | Local office (if any) address with Phone / Telex / Fax Number | : | |
| 7 | Field of activity of the Applicant as per deed of Partnership / Memorandum of Association / Articles of associates (Civil) Engineering Contractor / General Engineering Contractor / Electrical Items - Engineering Contractor etc, should be specified.) | : | |
| 8 | Country and year of incorporation | : | |
| 9 | Main line of Business | : | |
| 10 | Name, position, status, capacity etc, of the Key personnel/ directors of the company (Attach organization chart showing the structure of the company / firm) | : | |
| 11 | Name, capacity and address of the signatory who has Signed the Qualification Application. Attested copy of authorization issued (either by power of attorney or as per articles of Partnership Deed / Memorandum of Association) in favour of the signatory to sign the qualification Application price Tender/ Agreement should be appended. | : | |

SIGNATURE OF THE TENDERER WITH SEAL

Annexure – B
FINANCIAL CAPABILITY
(Please Annex self attested copies)

| | | | | | | |
|---|---|---|----------|---------|-------|--|
| 1 | Name and address of the Applicant | : | | | | |
| 2 | Income Tax Permanent Account No. C.I. H. No. | : | | | | |
| 3 | GST Registration No. | : | | | | |
| 4 | Annual turn over as per audited statement of account duly certified by the Chartered Accountant during the preceding Three years (Attach attested copy of balance sheets) | : | TAX Year | Figures | Words | |
| | | : | 2018-19 | | | |
| | | : | 2019-20 | | | |
| | | : | 2020-21 | | | |
| 5 | Financial Position | : | | | | |
| | I. Cash in hand | : | | | | |
| | II. Cash in Bank | : | | | | |
| | III. Current Assets | : | | | | |
| | IV. Current Liabilities | : | | | | |
| | V. Working Capital | : | | | | |
| 6 | VI. Net worth | : | | | | |
| | Outstanding value of works already committed and in progress and time left for completion. (Details for each work to be furnished separately) | : | | | | |
| | 7 | Amount available in capital Account | : | | | |
| | | I. Paid up share capital of (Partners or Share holders) | : | | | |
| | | II. Called up and subscribed share capital | : | | | |
| | | III. Reserves under capital account | : | | | |
| | IV. Surplus under capital account | : | | | | |

SIGNATURE OF THE TENDERER WITH SEAL

| | | : | TAX Year | Figures | Words |
|---|--|---|-------------|---------|-------|
| 8 | Net profit before tax during the proceeding three years | : | 2018-19 | | |
| | | : | 2019-20 | | |
| | | : | 2020-21 | | |
| | | : | | | |
| 9 | Applicant's financial arrangements. | : | | | |
| | (a) Own resources | : | | | |
| | (b) Bank credits/ Over Draft | : | | | |
| | (c) Other source (Specify the source) | : | | | |

SIGNATURE OF THE TENDERER WITH SEAL

Annexure – C
**INFORMATION REGARDING CURRENT LITIGATION / DEBARRING /
EXPELLING OF APPLICANT OR ABANDONMENT OF WORK BY THE
APPLICANT**

1. (a) Is the Applicant currently involved in any Arbitration /
litigation relating to any contract works Yes/No
(b) If Yes, Details thereon
2. (a) Has the Applicant or any of it's constituent partners
been Debarred/Expelled by any agency during the
last Three years Yes/No
(b) If yes, Details thereon
3. (a) Has the Applicant or any of it's constituent Partners
failed to complete, any contract work during the past
Three years. Yes/No
(b) If yes, give details thereon

Dated Signature of Applicant with seal

Note: If any information in this Annexure is found to be incorrect or concealed,
the Qualification Application will be summarily rejected & price tender will
not be opened.

**Annexure – D
AFFIDAVIT**

**(To be furnished in a Twenty Rupees Non-Judicial Stamp Paper
duly Certified by Notary Public)**

- 1). I/We the undersigned solemnly declare that all the statements made in the documents, records etc., attached with this application are true and correct to the best of my/our knowledge.
- 2). I/We the undersigned do hereby certify that neither my/our firm/company nor any of it's constituent partners have abandoned any work/works of similar nature and magnitude in India, during the Last Three years.
- 3). I/We the undersigned do hereby certify that any of the contracts awarded to me/us has not been terminated rescinded, due to breach of contract on my/our part, during the last Three Years.
- 4). I/We the undersigned authorize (s) and request any bank / person / firm / corporation / Government Departments to furnish pertinent information deemed necessary and requested by The Dy. General Manager (Engg.), TCMPF Ltd., Head Office, Aavin Illam, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035 to verify the statement made by me/us or to assess my/our competence and general reputation.
- 5). I/We the undersigned, understand(s) that further qualifying information / clarifications on the statement made by me / us may be requested by The Dy. General Manager (Engg.), TCMPF Ltd., Head Office, Aavin Illam, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035. and agree(s) to furnish such information/ clarification within SEVEN Days from the date of receipt of such request from The Dy. General Manager (Engg.), Aavin Illam, Head Office, 3-A, Pasumpon Muthuramalinganar Salai, Nandanam, Chennai – 600 035.

Dated Signature of Applicant with Seal:

To be signed by the officer authorized by the Firm/Company to sign on behalf, the Firm/Company with company's seal)

Note: In case of sole proprietary concern, affidavit should be signed only by the sole proprietor.

(Title of the Officer)

(Title of the firm/Company)

(Date)

The above named deponent has understood the contents well and solemnly and sincerely declared and affirmed by the deponent in my presence at.....and signed before me on this day of
(Seal).

(Signature of the Notary Public)

Annexure – E
SAMPLE FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF
CREDIT FACILITIES

BANK CERTIFICATE

This is to certify that M/s is a reputed company with a good financial standing.

If the contract for the work, namely, _____ is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs..... to meet their working capital requirements for executing the above contract.

Signature of Senior Bank Manager

Name of the senior Bank Manager

Address of the Bank

Stamp of the Bank

Note: Certificate should be on the letter head of the bank.

6.0 EVALUATION AND COMPARISON OF THE TENDER OFFERS

- 6.1. The tenders will be evaluated strictly as per the Tamilnadu Transparency in Tenders Act 1998 and the Tamilnadu Transparency in Tenders Rules 2000 and amendments made thereon in the Act & Rules by the Government.
- 6.2. The tender offers received will be examined to determine whether they are in complete shape, all required data's have been furnished, properly signed and generally in order and confirms to all the terms and conditions of the specification without any deviation.
- 6.3. For the purpose of evaluation of tender offers, the following factors will be taken into account for arriving the evaluation price.
 - a). The quoted price will be corrected to arithmetical errors.
 - b). In case of discrepancy between the price quoted in words and figures, lower of the two shall be considered.
 - c). The evaluation of offer will be computed by taking into account Design, Supply, Erection, Installation, Testing and Commissioning put together.
- 6.4. Bidders should quote their rates both in figures and in words for each item per unit and amount for each item of work for full quantity. Grand total of the whole contract should be furnished without fail in the Price Quote Schedule of Price Bid.
- 6.5. The bidder shall fill in rates and prices and line item total (both in figures and words) for all the items of the works described along with total bid price (both in figures and words). Items for which no rate or price is entered by the bidder will not be paid for by the purchaser when executed.
- 6.6. The evaluation for L1 shall be on total end price of all items.

[Noted and agreed to the above](#)

SIGNATURE OF THE TENDERER

7.0. TECHNICAL SPECIFICATION FOR SUPPLY, ERECTION AND COMMISSIONING OF 15 KL MILK SILO AND ACCESSORIES – 4 NOS. EACH ONE FOR SHOLINGANALLUR, AMBATTUR, TRICHY AND COIMBATORE DAIRIES

1.0 FUNCTIONAL REQUIREMENTS:

The milk silo would be used to store chilled thick milk at 3 to 4°C temperature.

2.0 DESIGN REQUIREMENTS

2.1 CAPACITY : 15000 Lts.

The volume of the silo should be such that after filling it upto this rated capacity the level would be at least 100 mm below the line where cylindrical shell joins the conical top (i.e) The gross capacity should be at least 10% higher than the rated capacity as above to avoid agitational or accidental spillage of milk.

2.2 Constructional Features:

Double walled, insulated and welded construction of sanitary design.

2.3 Slope:

The bottom of the silo should have 1:15 slope towards inlet cum outlet for free and complete drainage of liquid.

2.4 Metal contact:

The only metal to metal contact between the inner and the outer shells should be at the places where fittings for the tank are provided. At the places where mild steel stiffeners are provided insulated padding should be fixed between the inner stainless steel shell and stiffeners.

2.5 Finish:

All welding joints should be polished smoothly. All stainless steel surfaces are to be polished to 150 grits.

2.6 Joint Curvature:

The radii of all welded and permanent attachment joints should be at least 6 mm. Where the conical top and flat bottom join the Cylindrical shell, the radii should not be less than 25 mm.

2.7. INSTALLATION:

It should be suitable for outside installation. The accessories mounted on top should be weather proof.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

3.0 **SCOPE OF SUPPLY:**

3.1 **Inner cylindrical body.**

The inner shell, conical top and flat bottom should be fabricated from 3.0 mm, 3 mm and 3 mm thick SS plates respectively confirming to AISI SS 304 – 1 No.

3.2 **Outer Cylindrical Body:**

The outer shell, conical top and flat bottom should be fabricated from 2 mm, 2 mm and 4 mm thick stainless steel plates respectively conforming to AISI –SS 304 – 1 No.

Stiffeners between inner and outer shells and supporting structure for bottom of mild steel to be provided.

3.3 **Insulation:**

The entire inner shell (including the alcove portion) conical top and flat bottom should be insulated with rigid Polyurethane Foam case-in-situ. The insulation will be homogenous on the entire surface of the inner shell and the average insulation thickness shall be 90mm. The insulation material shall be applied in Cast-in-Situ method and the material will have average density 32-36Kg/cu.cm and coefficient of thermal conductivity of 0.017w/mK. The stiffener rings also shall be insulated with suitable thermal plugs so that no metal-to-metal contact exists between the inner and outer shell. The insulation should with stand high temperature of 98°C during in place of cleaning. It should not permit more than 1°C rise in temperature in 18 hours when temperature gradient is 35° C. and milk temperature is 4°C.

3.4 **ACCESSORIES:**

3.4.1 **Inlet Cum Outlet:**

63.5 mm dia. cup type inlet cum outlet with two way stainless steel; (AISI -SS304) flanged butterfly valve ending with compete stainless steel union - 1 No.

Noted and agreed to the above

SIGNATURE OF THE TENDERER

3.4.2. **Air Vent:**

Stainless steel (AISI -SS304) 450 mm dia. air vent to prevent formation of partial vacuum during CIP and pressure during filling - 1 No.

Stainless Steel (AISI -SS304) cleats should be provided near the air vent for fixing and hanging rope ladder - 1 No.

3.4.3. **Man Way:**

Oval shaped stainless steel (AISI -SS304) man way of dimensions approximately 550 x 405mm and provided with leak proof hinged insulated stainless steel (AISI -SS304) door with tightening and locking device. The manway door should open inward but at the same time, it can be taken out when necessary. The gasket should be of silicon rubber of food grade quality. - 1 No.

3.4.4. **Sight Glass:**

Stainless Steel (AISI -SS304) sight glass assembly should be provided with toughened glass. It should be provided in such a way that one can easily read from the lowest level upto the highest level marks. - 1 No.

3.4.5. **Sand Blasted Level Marks:**

It should be calibrated at 500 L Intervals and provided on the inner shell at opposite side of the sight glass.

3.4.6. **Light Glass:**

Stainless Steel (AISI -SS304) light glass assembly should be provided with toughened glass and stainless steel lamp shade for mounting 24 V and 100 Watt bulb. The lamp holder should be made of brass - 1 No.

3.4.7. **Agitator:**

It should be paddle type in Stainless steel (AISI -SS304) construction complete with geared motor of adequate capacity and should be able to uniformly mix milk in the tank within 10 minutes. The agitator shaft should be a rod. GEAR MOTOR should be provided with SS cover - 1 No.

[Noted and agreed to the above](#)

SIGNATURE OF THE TENDERER

3.4.8. **Level Indicator/Transmitter:**

Digital level indicator and transmitter flange type in stainless steel (AISI -SS304) food grade having accuracy of 0.25% should be installed. The preferred make is Yokogawa, Endre- Hausser, Siemens. 1 No.

3.4.9. **Spray Ball:**

Removable stainless steel (AISI -SS304) cleaning device located at the apex of the conical top to provide flooding of liquid over the complete interior surface during CIP. It should have stainless steel union at the outer end connection - 1 No.

3.4.10 **Sampling Cock:**

It should be provided on the inlet cum outlet and should be stainless steel (AISI -SS304) construction of sanitary design - 1 No.

3.4.11. **Thermowell:**

300 mm long stainless steel (AISI -SS304) inclined pocket suitable for mounting stem type dial thermometer should be suitably located in the alcove. It should have 21 mm BSP male threads (Digital thermometer is within the scope of supply).

3.4.12 **Drain Hole:**

The outer shell should be provided with one or more drain holes at the lowest point. Any aperture in the shell should be designed so as to prevent ingress of moisture.

3.4.13 **Lifting Lugs:**

Stainless steel (AISI -SS304) lifting lugs 16 mm should be provided at top. - 6 Nos.

3.4.14 **Anchor Points:**

Anchor points, pipes and sockets should be provided on the top of the tank so that safety railings and platform could be welded to them after installation. - 1 set

3.4.15. **Ladder:**

Suitable stainless-steel ladder fabricated in AISI SS 304 with necessary supports should be provided along with the body of the tanks.

3.4.16 **Railing:**

[Noted and agreed to the above](#)

SIGNATURE OF THE TENDERER

Circular railing made out of 38 mm dia SS 304 pipe with 150 mm wide x 2mm thick SS kick plate to be provided all along the periphery of the tank. The railing shall be complete with suitable numbers of vertical posts of 900mm height. The railing pipes shall be supplied loose and assembled at site.

3.4.17. **Painting:**

All the mild steel stiffeners used in the construction of the silo should be painted with two coats of epoxy primer after thorough de-rusting.

3.4.18. **Level probe socket:**

Provision for high level and low level probe sockets should be provided.

3.4.19

A Stainless-steel panel to accommodate the Digital temperature indicator and digital level indicator with wiring should be fitted in front of the tank at visible height.

4.0 **TESTS:**

The following tests should be conducted by the manufacturer at its works.

4.1 Dye penetration test for welding joints.

4.2 Water fill-up test of inner vessel for water TIGHTNESS.

4.3 When man way is closed and cover tightened without gasket then the gap at any place between the man way neck and cover should not exceed 0.5 mm.

5.0 **Erection and commissioning**

5.1 Unpacking, unloading and positioning of the silo in the specified place

5.2 Erection and commissioning of 15,000 Lts. Milk Silo on the concrete base.

5.3 Mounting the agitator on the top of the silo.

5.4 Supply and providing of safety ring guard on the top of the silo fabricated with 20 mm S.S pipes for a height of 1 meter and clad with the S. S pipes on the top peripheral.

5.5 Supply and providing of foot guard with 6mm S.S sheet for a height of 150mm on the top peripheral along with the safety ring guard.

[Noted and agreed to the above](#)

SIGNATURE OF THE TENDERER

- 5.6 Supply and providing 24 V lighting arrangements to the silo for the sight glass including materials and wiring like cable, 230 V/ 24 V transformer, Isolator, earthing and bulb.
- 5.7. All loose accessories related to the Silo should be assembled and installed.
- 5.8. The supplier should prepare the detailed general assembly drawing of showing plan, elevation end view and cross sectional view of the equipment with complete materials. The drawing should be got approved by the TCMPF Ltd before starting fabrication.
- 5.9. Any other work including materials for supply, erection and commissioning of the above Milk Silo will be borne by the tenderer.

6.0 Battery Points

- 6.1 All the civil works related to the above will be carried out by TCMPF Ltd.
- 6.2 The incoming Electrical connections will be carried out by TCMPF Ltd.

Noted and agreed to the above

SIGNATURE OF THE TENDERER



| | | |
|----------------------------|---|--|
| NAME OF ITEM / WORK | : | SUPPLY, ERECTION AND COMMISSIONING OF 15 KL MILK SILO AND ACCESSORIES – 4 NOS. EACH ONE FOR SHOLINGANALLUR, AMBATTUR, TRICHY AND COIMBATORE DAIRIES |
| TENDER NOTICE REFERENCE NO | : | 3192/Proj.3/2022, Dated:04.04.2022 |

PART – II

COMMERCIAL BID

THE TAMILNADU COOPERATIVE
MILK PRODUCERS' FEDERATION LTD
CHENNAI 600 035

QUALIFICATION

The commercial offers of such of those tenderer who qualify themselves for being considered for **Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies** by fulfilling the entire terms and conditions as laid in Part I “Technical Bid” of this tender, will be considered for the finalization of the tender. Other commercial offers not qualifying as above will be rejected outright.

Supply, Erection and Commissioning of 15 KL Milk Silo and Accessories – 4 Nos. each one for Sholinganallur, Ambattur, Trichy and Coimbatore Dairies

**ABSTRACT
PRICE QUOTE SCHEDULE**

In Rupees

| S.N. | DESCRIPTION | | | RATE |
|-------------|---|-----------------------------|--------------------|-------------|
| A | SUPPLY: | | | |
| 1 | Basic Price Itemise Break up details – to be furnished in a separate enclosure | | | |
| 2 | Packing Forwarding if any | | | |
| 3 | Transportation charges to site including loading and unloading charges | | | |
| 4 | Transit insurance | | | |
| 5 | GST/IGST | | | |
| | Sub-Total (A) | | | |
| B | Installation, Testing and Commissioning | Material cost if any | Labour Cost | |
| 1 | Unpacking, shifting and positioning charges | | | |
| 2 | Installation, Testing and Commissioning charges | | | |
| 3 | GST/IGST | | | |
| | Sub Total (B) | | | |
| | TOTAL PRICE (A+B) | | | |
| | TOTAL END PRICE FOR 4 NOS | | | |
| | TOTAL END PRICE IN WORDS | | | |

SIGNATURE OF THE TENDERER WITH SEAL

SIGNATURE OF THE TENDERER

Note:-

- 1). The rates should be quoted separately for equipment-wise with break-up of Basic Price, Packing & Forwarding, Transportation charges, Loading and unloading charges, Transit insurance, GST/IGST for supply, Unpacking, shifting and positioning charges, Erection & commissioning charges, GST/IGST for Erection & commissioning etc., which should be totaled and mentioned in the Abstract of Price Quote Schedule.
- 2). The tenderer shall furnish break up details for the above in a separate sheet for Price, GST/IGST, with the percentage.
- 3). All the rates should be only in terms of Indian Rupees.
- 4). Tenderer should indicate origin of country from which the equipment is imported and has to produce authorization letter from OEM.
- 5). Phrases like `Extra`, `as applicable`, `at the prevailing rate` etc. should not be quoted to avoid ambiguity.

**Seal of the firm
tenderer**

Signature of the

Witness:

1

2

Date: