



**The Tamilnadu Tea Plantation Corporation Limited., Coonoor-643 101.
TENDER INFORMATION**

Name and address of the Purchaser.	Managing Director, Tamilnadu Tea Plantation Corporation Ltd., Registered Office, TANTEA Complex, Orange Grove Road, Coonoor – 643101. Telephone No: 0423 2230419, 2231743 Fax : 0423 2232229. tantea.co.in@gmail.com
Tender Notice Reference	M1/ 5523/2022 Dated 22.09.2022
Name of the Tender	Supply and installation of Pneumatic RC Conveying system -1 set to TANTEA -Pandiar Tea Factory.
Cost of Tender Document	Rs.3540/- inclusive of GST and Rs. 40/- extra by post either by cash or Demand Draft in favour of the Tamilnadu Tea Plantation Corporation Limited payable at Coonoor drawn from any Indian Nationalized Bank/Scheduled Commercial Bank. Tenderers who downloaded documents from website www.tantea.co.in and www.tantea.nic.in should submit a Demand draft for the above amount.
Earnest Money Deposit (EMD)	Rs.40,000/-
Sale of tender documents	From 28.09.2022 to 27.10.2022 up to 5.00 PM
Date of Pre-Bid meeting	Date: 10.10.2022 Time: 11.00 AM
Last date and time for submission of the two part tender – both Prequalification/ Technical and Financial/Commercial bids.	Date: 28.10.2022 Time: 10.00 AM
Date and time of opening of Pre-qualification/Technical Bid	Date: 28.10.2022 Time: 4.00 PM
Date and time of opening of Financial/Commercial Bid	Financial/Commercial Bid will be opened within 30 days from the date of opening of pre qualifications-technical bid. The date of opening of Financial/Commercial Bid will be informed to the eligible tenderers who are found and declared as qualified as per Pre-qualification/technical bid.

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TENDER DOCUMENT FOR THE SUPPLY AND INSTALLATION OF PNEUMATIC RC CONVEYING SYSTEM (CONNECTION FROM PULVERIZER DISCHARGE TO NEW PROPOSED ROTOR VANS)- 1 SET TO PANDIAR TEA FACTORY.

Sealed tenders, superscribed as "Tender for Supply and installation of Pneumatic RC Conveying system -1 set" are invited for TANTEA- Pandiar Tea Factory, subject to the following conditions so as to reach this office on or before 10.00 A.M on 28.10.2022

GENERAL CONDITIONS

1. ELIGIBILITY FOR PARTICIPATION IN THE TENDER:-

- i) The tenderer should be a Registered Supplier (*) of the Corporation
- ii) The tenderer should be the manufacturer/ authorized Dealer/ Industrial Distributor of the " Supply and installation of Pneumatic RC Conveying system - listing out the number of " Supply and installation of Pneumatic RC Conveying system along with name & location of tea factories in the last 5 years along with satisfactory certificate from respective factories on condition and operation of the Machine.
- iii) The tenderer should have supplied the " Supply and installation of Pneumatic RC Conveying system" previously to the factories of this Corporation or any other five Tea Factories. Preference will be given to the brands either used by TANTEA or by other private factories having a proven performance.
- iv) The supplier should be registered supplier in TEA BOARD.
- v) The tenderer should furnish details in Annexure -I (a),(b), (c) & (d) and got attested by the authorities concerned.
- vi) The tenderer should participate only for those items and the No. of machines limited to the Tenderer's average annual turnover of the last 3 years, as mentioned in the Annexure I-(1).
- Vii) The Tenderer's eligibility to participate for any No. of items will be restricted to his/her overall average of annual turnover of last 3 years for all the items put together.

The tenderer who satisfy all the above eligibility criteria should apply along with list of enclosures as documentary proof. Tenders furnished by firms who do not satisfy any of the above condition will not be considered and shall be summarily rejected and shall not be taken up for further evaluation. The tendering authority reserves the right to call for any additional documents from the tenderers.

2.PRE-BID MEETING:-

The Pre-bid meeting will be conducted on 10.10.2022. The tenderers are instructed to check the website for corrigendum after the date of pre bid meeting, for any amendments (Pre-bid-Minutes) (if any issued). They are instructed to download the above amendments and enclose it along with technical bid document duly authenticating while submitting without fail. Failure to submit the pre-bid minutes will lead to rejection of the tender offer.

(*) NOTE: The Tenderers who have not registered their names should register their names before offering the tenders by paying the Registration fee of Rs 2,000/- (Rupees two thousand only) in the Form of Demand Draft, otherwise their tender will be rejected.

Noted and agreed to the above

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3. SUBMISSION OF TENDERS:-

(i) If the tender is made by an individual, it should be signed by the individual with his full name. If it is made by a proprietorship firm, it should be signed by the proprietor with his full name. In case of partnership firm, the tender should be signed by the Managing Partner or any one of the Partner of the firm with his full name. If the tenderer is a Company, the tender should be signed by the Chief Executive or by the authorized signatory who shall produce the evidence of the authorization along with the tender.

(ii) Tenders should be given in 2 sealed covers as follows:-

(a) First cover should contain the pre qualification-Technical Bid and the Earnest Money Deposit and should be superscribed as "Pre qualification-Technical Bid for supply and installation of " **Supply and installation of Pneumatic RC Conveying system, to TANTEA, Pandiar Tea factory**" the pre qualification-Technical Bid should contain the details **in schedule I (Page No. 14)**

(b) The second cover should contain the Financial/Commercial bid and it should be superscribed as "Financial/Commercial bid for supply and installation of Supply & installation of Electric Wire Rope Hosit(Ton capacity), 2 Single Grider H.O.T Crane (2 Ton capacity), Electric wire Rope Hosit (2 Ton Capacity curved Type) **to Pandiar Tea factory**. The Financial/Commercial bid should contain the details noted in Schedule III.

(c) The above two separate sealed covers should be put in a single general cover which should be superscribed as "Tender for supply and installation of **Supply and installation of Pneumatic RC Conveying system to Pandiar Tea factory** "The general cover should be closed, sealed and addressed to the Managing Director, TANTEA, TANTEA Complex, Coonoor- 643 101, Tamilnadu along with their contact Number and E-mail Id clearly written on the cover for all communications.

(d) The Corporation does not take any responsibility for the tenders received without such superscription and being opened even before the due date.

4. OPENING OF TENDERS:-

Tenders received within the scheduled time will be opened as detailed below at **4.00 P.M. on 28.10.2022** in the presence of the representatives of the tenderers who may be present at that time. The authorized representatives should produce valid authorization letter to participate in the opening of the tenders.

(i) First, the envelope containing the Pre qualification-Technical Bid along with Annexures I

(a), (b), (c) & (d) (Schedule I & II) and Earnest Money Deposit will be opened.

(ii) If any tenderer has indicated / included the price details in the pre qualification/

Technical Bid, the tender will be rejected.

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- (iii) The pre-qualification tenders will be evaluated by the Corporation and the tenderers who have qualified in the pre qualification-Technical Bid will be informed.
- (iv) The tenderer should furnish the e-mail ID for communication through electronic platform.
- (v) Finally, the Financial/Commercial bid (Schedule III Page No.21) of the tenderers whose pre-qualified/Technical bids were selected in the above evaluation will be opened in the presence of the tenderers or their authorized representatives within a period of 30 days.

If any unavoidable circumstance arises due to the outbreak of COVID-19, Natural phenomena, any declaration by the Government/Corporation etc., the date of tender fixed on 28.10.2022 is liable to change. The change in the date of tender will be updated in our designated website and it will be intimated through e-mail.

5. EARNEST MONEY DEPOSIT:-

- (i) Each tender should be accompanied by an Earnest Money Deposit of Rs.40000/- (Rupees **Forty thousand only**) in the form of Demand Draft drawn on any nationalized Bank in favour of "Tamilnadu Tea Plantation Corporation Limited, payable at Coonoor".
- (ii) Tenders without the Earnest Money Deposit will be summarily rejected provided that any category of tenderers specifically exempted by the Government from the payment of Earnest Money Deposit will not be required to make such a deposit. However, they should produce the relevant Government orders. The Tenderer who are the manufacturer/authorized dealer/Industrial Distributor of the machinery and work with MSME are eligible for submission. Proof to be furnished for component supply, spares & consumables extended to MSME stakeholder partners of the business.
- (iii) The Earnest Money Deposit will be refunded in the case of unsuccessful tenderers on application after the rejection of the tenders.
- (iv) The successful tenderer has to remit 5% of the total value of the order as Security Deposit in addition to Earnest Money Deposit for the due fulfillment of the terms of supply. The Earnest Money Deposit already paid will be adjusted against the Security Deposit. The Security Deposit will not carry any interest.

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6. EXEMPTION FROM TENDER CONDITIONS:-

Exemption from remittance of EMD for the units holding SSI permanent certificate or EM Part II issued by Department of Industries & Commerce, Government of Tamilnadu or other state Directorate of Industries in India or by National Small Industries Corporation Limited, Government of India etc., will be considered if an attested copy is enclosed along with duly filled in Tender form. However such firms which claim exemption of EMD shall be asked to remit an interest free Security Deposit (5%) if they become a successful tenderer, within 7 days from the date of receipt of confirmation from TANTEA, Coonoor.

7. INSPECTION BY THE TENDERER :-

The intending tenderer shall take all necessary precautions to satisfy themselves as to the conditions of the road, existing means of communications, the distance involved and the exact place of delivery and installation. Every Tenderer is expected, before quoting the rate, to inspect the place of delivery and installation.

8. REQUIREMENT:-

The General specification of the "Tender for the supply and installation of **Supply and installation of Pneumatic RC Conveying system, to TANTEA- Pandiar Tea Factory.** required is given in the schedule-II. The requirement furnished in the schedule-II is approximate. The supply should match to the minimum requirement, if any additional/Special features are available in the machine it may also be indicated in the tender.

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9. DETAILS TO BE FURNISHED AND MODE OF PRESENTATION:-

- (I) The Pre-qualification/Technical bid should contain the following details under proper authentication and it should be submitted in the format enclosed.
- (a) Complete specification of the "Tender for supply and installation of Supply & installation of Electric Wire Rope Hosit(Ton capacity), 2 Single Grider H.O.T Crane (2 Ton capacity), Electric wire Rope Hosit (2 Ton Capacity curved Type) along with printed Pamphlet.
- (b) Accessories to be supplied free of cost along with the Supply & installation of Electric Wire Rope Hosit(Ton capacity), 2 Single Grider H.O.T Crane (2 Ton capacity), Electric wire Rope Hosit (2 Ton Capacity curved Type)
- (c) Period of delivery and installation.
- (d) List of the names of the Tea Factories where this particular **Supply and installation of Pneumatic RC Conveying system**, has been installed in the last four years, date of their installations and the certificates issued by the Factories about the performance of the **Supply and installation of Pneumatic RC Conveying system**.
- (e) The Tenderer should show valid certificate that the Tenderer/Supplier have supplied machinery to three other factories and successfully installed. Only tender of such experienced Supplier will be accepted.
- (f) No of years standing in this trade (Minimum 3 years of experience required and proof of the same has to be submitted.
- (g) Annexure- I (a), (b), (c) & (d) of Schedule I are to be filled and got attested by the authorities concerned.
- (h) Warranty period for the supplying machinery and certificate has to be furnished.
- (i) A certificate showing that they have accepted the terms and conditions stipulated in the tender document No **M1/ 6383/2022 dated 22.09.2022** of the Corporation.
- (j) Valid proof to show that the Tenderer is the manufacturer/ authorized Dealer/ Industrial Distributor of the **Supply and installation of Pneumatic RC Conveying system -1 set**. (Dealership certificate has to be produced).

Noted and agreed to the above

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- (II) The Financial/Commercial bid should contain the details of the rates offered for the supply and installation of the machine. The commercial bid should be given in the companies letter head.
- (a) The rates should be quoted both in figures and words. Any scoring or over writing should be attested by the tenderer with full signature. In case of discrepancy between the prices quoted in words and in figures, lower of the two will only be considered.
- (b) The rates quoted should be firm and should not be subjected to any variation clause. Conditional tenders will not be accepted.
- (c) The rate to be quoted should include all taxes, duties, levies, packing and forwarding charges, transit insurance, freight upto our destination, and expenses such as traveling, boarding, lodging etc of the erection team till the completion of erection and trial runs.
- (d) Break up details such as basic prices, GST, freight, Insurance, etc, should be given separately in the tender.
- (e) The rate to be quoted should be valid for one year from the date of opening of tender.
- (f) The Tenderer should give a valid and active e-mail Id for further correspondence and no mismatch should occur.

10. POWER POINT PRESENTATION :-

Every Tenderer should submit a Power point presentation both in hard copy (4 slides per page) and soft copy along with the Tender document. The Tenderers has to give Power point presentation on the working, performance and technical specifications of the machine. The date of power point presentation before the Management will be communicated if necessary.

Noted and agreed to the above

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11. INSPECTION BY THE CORPORATION:-

The Managing Director/General Manager/ Authorised Representatives of TANTEA, Coonor shall have the right to inspect the Tenderer's office/ factory or the clients of the Tenderers to inspect the machineries supplied by them either on his own or through any of the officers deputed by him in this regard and the Tenderer should provide or arrange to all access for smooth inspection.

12.NEGOTIATION:-

Negotiation will be held in respect of reduction in the cost and other technical terms with the tenderer whose financial/commercial bid is proposed to be accepted for final award of the contract.

13. INSTALLATION/ WARRANTY OF MACHINERY:-

(i) The successful Tenderer who has qualified Pre-qualification/Technical bid and financial/commercial bid has to furnish the foundation drawings, facilitating conveyorisation as per the technical specification within seven days and the machine should be installed within a period of 30 days on the date of execution of agreement. The date of relaxation in the supply period solely vests with the Corporation and the discretion of the Management.

(ii) Machinery supplied will need to be free of any IP related issues on product Design etc., and the supplier shall be liable if any claims arise.

(iii) Warranty of parts & components (eg. Electrical) including supply and manufactured by 3rd party needs to be provided.

(iv) Effective warranty period will commence after completion of turnkey project and satisfactory handover and running of machinery by supplier.

(v) Provision for AMC and extended warranty to be provided.

(vi) Minimum period to be 3000 hours of satisfactory running of machinery or 12 months from the commencement date of effective use of machinery (whichever is later).

(vii) Spares and consumables to be forecasted and supplied with the machines for requirement period of 2 years.

14. EXECUTION OF AGREEMENT:-

(i) The successful tenderer has to execute an agreement with the Corporation within seven days from the date of receipt of confirmation order accepting the tender for the due fulfillment of the contract.

(ii) Failure to enter into an agreement within the stipulated time will entail forfeiture of the Earnest Money Deposit and removal of the name of the firm from the list of approved suppliers, at the discretion of the Corporation.

(iii) The tender document will also form part of the agreement to be executed.

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15. PENALTY FOR BELATED SUPPLY / INSTALLATION :-

The Machine should be supplied strictly within the period of 30 days from the date of execution of agreement and the readiness of the Corporation to make available the site for installation of the Machine. The Corporation is the sole authority for considering the relaxation in the period of supply stipulated (i.e. 30 days). If the supplier fails to supply the Machines within the stipulated time, penalty at the rate of 18% per annum of the value of the Machine will be imposed for the period of delay at the discretion of the Corporation whose orders thereon are final and conclusive.

16. CANCELLATION OF ORDERS:-

After execution of the agreement, in case of failure to complete the supply and installation of the Machine within the time specified and / or at the accepted rates, the Corporation reserves to itself the right to cancel the supply order and to call for fresh tenders or to make any other alternate arrangements to get the Machines supplied at the risk of the defaulting supplier who shall be liable to make good the loss to the Tamilnadu Tea Plantation Corporation Limited that will arise on calling for fresh tenders or by making other alternative arrangements to obtain the Machine and the defaulting supplier shall not be entitled to any gain which may accrue to the Corporation by purchase through other arrangements. In that event, the Security Deposit of the defaulting supplier will be forfeited at the discretion of the Corporation whose decision shall be final and conclusive. In case, tenders are called for afresh at the risk of the defaulting supplier, the defaulting supplier will not be allowed to send tender again.

17. REJECTION/ REPLACEMENT OF DEFECTIVE EQUIPMENTS.

In case, the Machine or any part thereof supplied are not in accordance with the specifications of the accepted tender or in the event of any deficiency in size or quality is noticed in the supply, the same will be rejected by the Corporation and the Corporation reserves the right to forfeit the Security Deposit at its discretion. The Corporation also reserves the right to take such further action against the supplier, as it deems necessary in addition to the forfeiture of Security Deposit. The supplier should replace all the defective / rejected machinery / materials at their cost within 7 days from the date of receipt of the intimation about the rejection.

Noted and agreed to the above

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18. PAYMENT:-

- (i) No advance payment will be made for the supply and the tenders received with any payment terms other than given below will not be considered and shall be summarily rejected.
- (ii) 50% of the cost of the Machine will be paid on delivery of the machine at site in good condition as per the Technical specifications. If not so, the supplier should take back the machine/materials at their own risk and cost and replace them as per the correct Technical specifications at their own expenses and then only 50% of the cost of the machine will be paid.
- (iii) 40% payment will be released on successful erection, commissioning and successful trial run of the machine, subject to the receipt of satisfactory performance report from the factory concerned.
- (iv) The balance 10% payment will be retained during the warranty period (i.e. one year from the date of successful commissioning) as performance guarantee and settled after successful completion of the warranty period.
- (v) If the quantity of the supply order is increased or decreased, payment will be made at the accepted rate for the actual quantity received by the Corporation.

19. ACCEPTANCE / REJECTION OF TENDERS:-

The Corporation reserves the right to reject any or all of the tenders without assigning any reasons therefor and to relax any or all of the tender conditions in favour of any tenderer in the interest of the Corporation.

20. JURISDICTION OF COURT:-

The contract will be signed at Coonoor. Any dispute arising out of the contract lies within the jurisdiction of the courts situated in the Nilgiris District.

Noted and agreed to the above

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CHECK LIST**PREAMBLE OF TENDER:-**

The Managing Director, TANTEA invites Bids from eligible bidders on behalf of TANTEA, Pandiar Tea Factory by two cover system for the Supply and installation of Supply & installation of Electric Wire Rope Hosit(Ton capacity), 2 Single Grider H.O.T Crane (2 Ton capacity), Electric wire Rope Hosit (2 Ton Capacity curved Type) Machine with required accessories.

**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.

The tender is offered for:

S. No.	Details	Remarks
I	<u>Pre-qualification/Technical Bid (Schedule I & II)</u> Whether all the details required in Schedule I & II are filled in a complete shape and authenticated.	Yes / No
i)	Whether the EMD amount is enclosed for the Supply and installation of Supply and installation of Pneumatic RC Conveying system- 1 set. in the Pre-qualification/Technical bid	Rs.40000/- Yes / No
ii)	If so, Details of D.D. No. date, Bank on which drawn etc. may be furnished D.D. No(s)..... dated..... for Rs..... drawn on (Bank)..... Branch..... in favour of "The Tamilnadu Tea Plantation Corporation Ltd" payable at Coonoor.	Yes/No

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iii)	If EMD exemption is sought for, whether necessary documentary proof/evidence such as EM as per MSMED Act 2006 for SSI Certificate enclosed in the Prequalification/Technical bid.	Yes / No
iv)	Whether the valid proof showing the Manufacturer/Authorised dealer/Industrial Distributor of " Supply and installation of Pneumatic RC Conveying system , is enclosed.	Yes / No
v)	Whether the valid document showing the annual production of the machine in the last 3 years period is enclosed.	Yes / No
vi)	Whether copies of attested GST certificates enclosed	Yes / No
vii)	Whether copy of attested PAN Card Registration certificate	Yes / No
viii)	Whether the Financial statement for the year 2019-20, 2020-21 and 2021-22 got attested by the Chartered Accountant as per Annexure-I (a) is enclosed.	Yes / No
ix)	Whether the availability of credit facilities issued and got attested by the Bank as per Annexure-I (b) is enclosed.	Yes / No
x)	Whether the evaluation certificate attested by the Notary Public as per Annexure-I(c) is enclosed.	Yes / No
xi)	Whether the undertaking on serviceability given by the tenderer attested by the Notary Public as per Annexure-I(d) is enclosed.	Yes / No
xii)	Whether the scope and the Technical specification of the machinery supplied comply with the scope and technical specification as specified in the Schedule-II of this Tender document.	Yes / No
xiii)	Whether the Power point presentation (Hard and soft copy) is furnished.	Yes / No
xiv)	Whether details of past experience (i.e) Purchase order copy(s) for the above of the machinery is enclosed.	Yes/No
xv)	Whether the satisfactory performance certificate from client(s) for the above machinery are enclosed.	Yes/No

Noted and agreed to the above

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xvi)	Whether the Minutes of Pre-Bid meeting duly signed and sealed has been enclosed.	Yes/No
xvii)	Whether the certificate showing that the tenderer has accepted all the terms and conditions stipulated in the tender document No. M1/6383/2022 dated 22.09.2022 is enclosed.	Yes/No
II	Whether Sl.No. (i) to (xvii) have been authenticated and put together in a single cover duly wax sealed and superscribed as "Pre-qualification/Technical bid" for the " Supply and installation of Pneumatic RC Conveying system (connection from Pulverizer discharge to New proposed Rotor vans), to TANTEA-Pandiar tea factory	Yes/No
III	<u>Financial/Commercial bid- Schedule III</u> Whether all the details required in Schedule III is filled in a complete shape and authenticated.	Yes/No
IV	Whether the Financial/Commercial bid submitted in a single cover duly wax sealed and superscribed as "Financial/Commercial bid" for the " Supply and installation of Pneumatic RC Conveying system to TANTEA-Pandiar tea factory	Yes/No
V	Whether two covers have been wax sealed separately as "Pre-qualification/Technical bid" & "Financial/Commercial bid" (whichever is applicable) and both the covers enclosed in a common overall envelope duly wax sealed and superscribed as Tender for the Supply and installation of Supply & installtion of Electric Wire Rpoce Hosit(Ton capacity), 2 Single Grider H.O.T Crane (2 Ton capacity), Electric wire Rope Hosit (2 Ton Capacity curved Type)"	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.

Noted and agreed to the above

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PRE-QUALIFICATION/TECHNICAL BID FOR THE "SUPPLY AND INSTALLATION OF PNEUMATIC RC CONVEYING SYSTEM (CONNECTION FROM PULVERIZER DISCHARGE TO NEW PROPOSED ROTOR VANS) TO PANDIAR TEA FACTORY (MANAGING DIRECTOR, TANTEA, Ref. No M1/6383 /2022) SCHEDULE-I

1. Name and address of the Tenderer. :

2. Contact Phone No & E-mail Id :

3. Name of the Proprietor or Partner or Chief Executive }

4. a. Whether you have registered with TANTEA as a supplier? }

b. Registration No & Date

5.a. Whether you are a manufacturer/ of the Supply and installation of Pneumatic RC Conveying System., }

b. Whether proof of your manufacture of the " Supply and installation of Pneumatic RC Conveying system, is enclosed? }

c. Make of the " Supply and installation of Pneumatic RC Conveying system, 1 set offered by you }

6. a. Whether you are a Registered SSI Unit of Government of Tamilnadu/Government of other state/Government of India.

b. If so, state whether attested copies of the following documents are enclosed herewith. }

i) SSI permanent registration Certificate :

ii) Valid proof showing the manufacture of the Supply and installation of Pneumatic RC Conveying system, in the SSI Unit }

iii) Complete address and other details of your Production Unit.

iv) Valid document showing the annual production of the Machine in the last 3 years period }

v) PAN card Registration certificate

vi) GST Registration certificate }

ANNEXURE- I (b)

FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CREDIT FACILITIES

BANK CERTIFICATE

(No separate format/form should be used)

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.

ANNEXURE-I (c)

(Certificate of the tenderer should be got attested by a Notary Public)

(No separate format/form should be used)

“Certified that we, M/s.....

.....

have not been black-listed by Tea Board of India or by the Government of Tamilnadu or any other Government Corporation or undertaking or institution in India or by the TANTEA, Coonoor”.

Signature of the Tenderer with Office Seal

Attested by:

Notary Public Name:

Regn. No. :

Signature with seal:

Signature of the Tenderer
with office seal

ANNEXURE-I (d)

(Undertaking by the tenderer should be got attested by a Notary Public)

(No separate format/form should be used)

“We,M/s.....

.....

undertake that we have authorized service center in Tamilnadu at

.....

.....

(Full address to be mentioned) and/or we hereby give an undertaking that our Service Personnel will attend any defects/repairs of the machine supplied by us within 2 days of such event being reported to us”.

Attested by:

Notary Public Name:

Regn. No. :

Signature with seal:

Signature of the Tenderer
with office seal

SCHEDULE-II
TECHNICAL SPECIFICATION

Name of the Machinery to be supplied : "**Supply And Installation Of Pneumatic RC Conveying System (Connection From Pulverizer Discharge To New Proposed Rotor Vans)**" (with all required accessories to be given by the supplier).

1. Quantity to be Supplied and Installed : 1 set.
2. Place of delivery and Installation : **Pandiar** Tea Factory

SPECIFICATION

RC Conveying system for 3 & 4th CTC in Pandiar Factory

Feeding material using --- Pulverized B.T Powder

Type: Pneumatic

Requirements:

1. Storage Hopper for the Broken Tea (Raw material) to be fed in to Impact Pulverizer with Feed Bucket Elevator.
Hopper: Made by MS mounted Legs.
Drive system: Gear Box & Motor (1 HP) separately required.
2. Main inclined Screw conveyor U 200, MS Body.
From Pulverizer to Storage Hopper
Drive system: Suitable Gear Box & Motor (2 HP) separately required.
3. RC Storage Hopper
Suitable Rotary Air Lock valve and Bin Activator mounted on channel legs
Size of silo: Approximate 4000 - 5000 kg capacity
(approximate -10 m³ volume)
Drive system: Suitable Gear Box & Motor should be connected separately.
Geared Motors should not be used.
4. **RC Pneumatic conveying at 3 rd Loft:**
Provided with Suitable Rotary Type Air Blower mainly supporting to this system with all Accessories as per capacity of HP Power.
Pneumatic Pipe Line should be arranged with suitable Elbows and Bends as per required size.
Suitable Pneumatic Equipments should be arranged for conveying the grinded RC material from B.T Room to the 2nd/ 3rd Loft with proper diverter.

5. RC Storage Hopper Twin type for Feeding 3rd/4th Rotor vane

Storage Silo with motorized Rotary Air Lock

Suitable Size of Hopper with Twin discharge chute

Suitable Rotary Air Lock with 1 HP x 2 Nos

Drive system: Gear Box & Motor separately required 1 HP + 1 HP

Air Blasting system: Bin Vent Filter Unit with Polyester Needle Felt non woven cloth Bags and Pulse Jet system. Suitable Solenoid valves, Suitable Air compressor with Electronic Timer should be included in this system required essential for cleaning the Bag Filters by Air Blasting at a regular interval.

6. Main Horizontal Screw Conveyor U 200, MS Body

Size U 200 1st CTC channel as per required length in the site.

Size U 200 2nd CTC channel as per required length in the site.

Drive system: Suitable Gear Box & Motor 2 HP + 2 HP separately connected. Geared Motors should not be used.

7. Control Panel for the B.T conveying system.

Panel Board for the Pulverize consisting of 40 HP motor 1 No, 0.5 HP (1 No) (For Pluf Bin stock removal drive motor & Gear Box separately)

ON/BE 1 HP: SC 1: 2 HP ON/OFF arrangements, 125 A, Fuse switch as incoming control etc.

Level Sensor for the Hoppers for automatic STOP/ON and provision for manual operation should be provided.

8. RC Regulated Feeder to the Rotor vane (CTC Channel 3 & 4)

RC Storage Hopper BT Regulated Feed screw Conveyor

150 mm x 1.2 mm lg screw Feeder with 1 HP motor & suitable Gear Box and BT Regulated Control Panel with B.T Regulated Variable frequency Drive Unit consists of variable frequency Drive enclosed in a Panel Board with MCB and Speed regulated sprockets as speed required.

Drive system: Gear Box & Motor separately 1 HP + 1 HP

System Description

1. The raw material before Pulverizing should be stored in an over head storage Hopper through an enclosed Bucket elevator and gravitationally fed to the Pulverizer.

2. Impact Pulverizer of 40 HP Power which grinds the Broken Tea (BT) and then conveys it to the storage Silo.
3. When R.C materials is ready, it can be loaded in the storage Silo and kept ready for conveying to the CTC Channels.
4. Below the storage Hopper and Twin Lobe Blower is installed fitted with necessary air valves and control system fro blowing the RC material through the Pipe line to another storage Bin kept in first loft above the Rotor vane.
5. RC Grinded powder is stored in Twin Hopper kept at 3rd Floor from where it is conveyed to the CTC Channel.
6. A Bin vent Filter unit above the Bin is fitted to control the direct emission from the Pneumatic discharge Pipe Line.
7. From the storage Bin screw conveyors can draw the powdered RC material to Regulated Feeding Hopper kept near the CTC Channels.

Important Note:

1. Geared motors should not use in this system. Separate Gear Box and Motor should be used in all stage wherever required.
2. Energy efficient motors should be used in this system
(make: Siemens/ABB/Kirlosker/ Bharath Bijlee)
3. Suitable Storage Bins should be provided in the RC Room and 2nd Loft to store sufficient pulverized RC to avoid breakage in the production process
4. Non corrosive metal should be used for making the storage Bins in all stages.
5. All Gear Boxes provided in this system should be in **Elecon or Radicon** make.
6. This system should regulate the Quantity of RC feeding to Rotor vane.
7. All equipments included and additional requirements if any in this system should be installed as per site condition in Pandiar Factory.
8. All Bins and its size should support this system for trouble free running.
Hence all dimensions and site condition should be inspected to avoid any additional cost.

Important Parts included:

1. RC Screw conveyor as per required length from 2nd Pulverizer to existing storage Bin in the RC Pulverizing Room.
2. Pneumatic Pipe line connection up to 3rd Floor RC storage Bin.
3. RC storage Bin (3rd Floor) approximate capacity 5000 kg fabricated by a non corrosive metal.
4. Rotary Air lock valve under the Twin discharge chute storage Bin Twin discharge chute
5. Suitable Screw conveyor (2Nos) as per required length from storage Bin for bringing RC to 3rd & 4th CTC channel.
6. Feeding Hopper with screw Feeder for feeding RC to 3rd & 4 th Rotor vane.
7. Regulated Feed controller with Panel showing RC Secondary Storage Fill & Empty indication and automatic Storage, Hopper selection, etc.
8. suitable Air compressor, Solenoid valves for Air blasting system.

Note: All additional and essential accessories/spares to be supplied along with the machine. The Dimension and Position of the machine may vary based on the site condition.

Noted and agreed to the above

SIGNATURE AND SEAL OF THE
TENDERER

SCHEDULE-III**3. TENDER FOR THE "SUPPLY AND INSTALLATION OF PNEUMATIC RC CONVEYING SYSTEM (CONNECTION FROM PULVERIZER DISCHARGE TO NEW PROPOSED ROTOR VANS) TO TANTEA-PANDIAR TEA FACTORY****FINANCIAL/COMMERCIAL BID**

In response to your tender notice, I /We

.....(name of the firm) having office
at.....(full

ll address) quote my/our lowest rate for the following machinery after duly accepting the TERMS AND CONDITIONS stipulated in the tender documents.

Sl.No.	Particulars of Machinery	Net Rate(Per unit)	
		In Figure (in Rs.)	In words
1	<u>"SUPPLY AND INSTALLATION OF PNEUMATIC RC CONVEYING SYSTEM (CONNECTION FROM PULVERIZER DISCHARGE TO NEW PROPOSED ROTOR VANS)-1 SET TO TANTEA- PANDIAR TEA FACTORY.</u> Basic Cost (Including Packing & Forwarding charges, Freight, Transit Insurance, Loading, Unloading charges, other taxes if any, installation and commissioning charges etc.)		
	CGST		
	SGST		
	IGST		
	Grand Total		

Note:

The rate should be strictly quoted as detailed in clauses 9 (ii) (a),(b),(c) & (d) of the Tender Document.

Noted and agreed to the above

SIGNATURE AND SEAL OF THE
TENDERER