

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
Tea Division
8, Dr. Rajendra Prasad Sarani
Kolkata – 700 001

E-Tenders are invited from reputed Manufacturers / Suppliers for the following jobs at our Group Gardens in Assam and West Bengal.

- Supply, Installation & Commissioning of Machineries required for Manufacturing of Green Tea --- Under Tender No.TED/Capital/2014/076
- Supply, Installation & Commissioning of 1 No. Air Fuel Ratio Controller --- Under Tender No.TED/Capital/2014/077
- Supply, Installation & Commissioning of 1 No. Rotorvane Feeder --- Under Tender No.TED/Capital/2014/078
- Supply, Installation & Commissioning of 1 No. Withering Process Monitoring System --- Under Tender No.TED/Capital/2014/079
- Supply of Plastic Crates for Carrying Green Leaf --- Under Tender No.TED/Capital/2014/080
- Construction of RBT Fence of Approximately 1 km length --- Under Tender No.TED/Capital/2014/081

Tender document can be viewed / printed at the following website :

- a) www.andrewyule.com
- b) www.mstcindia.co.in

Manufacturers / Suppliers interested to participate in the above E-Tender/s will have to :

- a) Get themselves registered (free of cost) as supplier with www.mstcecommerce.com/ eproc
- b) Submit General Information (Part-I), Earnest Money deposit as per tender document, confirm acceptance of technical specification and provide technical details as per Tender Document (Part-I) to Dy. General Manager (Materials) of Andrew Yule & Co. Limited., Tea Division within 21 days from the date of advertisement.

ANDREW YULE & CO. LTD.
Tea Division

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
Tea Division
8, Dr. Rajendra Prasad Sarani
Kolkata – 700 001

ANDREW YULE & CO. LTD. Invites E-Tenders for the following supplies / services required at Group Gardens in Assam and West Bengal

- **Supply, Installation & Commissioning of Machineries required for Manufacturing of Green Tea** - **Under Tender No.TED/Capital/2014/076**

The process involves vendor's registration with MSTC e-procurement portal and this is free of cost. Only after registration, the vendors can submit their quotation electronically. Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid over the internet will be done. Details are given in the catalogue. In case of any clarification vendors may visit our website www.mstcecommerce.com. The vendors will have to submit the Earnest Money deposit as per tender document within the stipulated time.

b)LAST DATE OF SUBMISSION OF off-line General Information (Part-I), Earnest Money deposit as per tender document, confirm acceptance of technical specification, and provide technical details as per Tender Document (Part-I) to Dy. General Manager (Materials) of Andrew Yule & Co. Limited., Tea Division **within 6.00 PM of 19th November, 2014.**

THE EMD IS TO BE SUBMITTED BY WAY OF DD DRAWN IN FAVOUR OF ANDREW YULE & COMPANY LIMITED PAYABLE AT KOLKATA. THE COMPLETE TECHNICAL DETAILS OF OFFERED PRODUCT/CONFIRM THE TECHNICAL SPECIFICATION UNDER PART-1 & EMD HAS TO BE SUBMITTED WITHIN DUE DATE TO THE FOLLOWING ADDRESS: -

**The Deputy General Manager (Materials),
Tea Division,ANDREW YULE & COMPANY LIMITED,
8, Dr.Rajendra Prasad Sarani,
Kolkata-700 001.**

THE CONTACT DETAILS OF MSTC OFFICIALS ARE GIVEN IN THE TENDER DOCUMENT.

SPECIAL NOTE : THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT www.mstcecommerce.com/eproc .THE DATE OF SUBMISSION OF ON-LINE PRICE BID AND COMMERCIAL BID WILL BE INTIMATED TO THE VENDORS BY E-MAIL.

INSTRUCTION TO SUPPLIERS

1) Requirements of Vendor-

- P.C. connected with internet.
- Registration with portal www.mstcecommerce.com and submission of documents necessary to MSTC Ltd. before e-tender.
- Class 3 digital certificate in the name of the Company of the vendor (in the name of the Company who will be submitting the EMD & General Information). This may be obtained from any of the certifying authorities. Bids will not be recorded without Digital Signature.

Note: Please check the digital certificate.

In case of any clarification please contact MSTC Ltd., before the schedule time of the e-tender.

2) Contact Person:-

Communication Address:	
MSTC LIMITED 225-F, AJC Bose Road, 2nd Floor Kolkata-700020 Email:- eproc@mstcindia.co.in	
Contact Persons	
Shri Arindam Bhattacharjee, Deputy Manager(e-Commerce) Mobile-+919330102643 Ph no.- (033) 2290 1004 Email: arindam@mstcindia.co.in	Sabyasachi Mukherjee Junior Manager (e-Commerce) Mobile-+917278030407 Ph no.- (033) 2290 1004 e-mail: smukherjee@mstcindia.co.in

TERMS & CONDITIONS AT THE TIME OF RUNNING THE EVENT IS FINAL. PROCESS of E-Tender:

Vendors are required to register themselves online with www.mstcecommerce.com/eproc .

Registered Vendors are to submit General Information & EMD to :-

The Deputy General Manager (Materials),
Tea Division,

ANDREW YULE & COMPANY IMITED,
8, Dr.Rajendra Prasad Sarani,
Kolkata-700 001.

The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bids. The vendors will have to submit the Earnest Money deposit as per tender document within the scheduled date as mentioned above.

The eligible vendors based on the EMD submitted then can only submit their Techno Commercial & Price Bids through internet in MSTC website www.mstcecommerce.com---e-procurement-Andrew Yule & co-Login--- view live auction--- Techno Commercial bid. After filing the Techno Commercial Bid ,vendors should click 'save' for recording their techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to filled up and then vendors should click on "save" to record their price bid. Then once both the techno-Commercial bid & price bid has been saved, the vendors can click on the 'Submit' button to register their bid. NOTE:- The Techno-Commercial Bid & price bid cannot be revised once the submit button has been clicked by the Supplier. In all cases, vendors should use their own ID and password alongwith Digital Signature at the time of submission of their bid.

During the entire e-tender process, the bidders will remain completely anonymous to one another and also to every body else.

The e-tender floor shall remain open on the pre-announced date as mentioned above, for the period as will be mentioned in the intimation e-mail detailing the schedule of on-line price bidding.

All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid price bid offered by that bidder (and acceptance of the same by the Buyer will form a binding contract between Buyer and the bidder).

All the bids will have to be mandatorily submitted with digital certificate otherwise the same will not be considered.

Buyer reserves the right to reject or accept or withdraw the tender in full or part as the case may be without assigning any reason thereof.

No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.

UOM is indicated in the e-tender Floor. Rate to be quoted in Indian Rupee Terms & Conditions at the time of e-tender is Final.

**ANDREW YULE & COMPANY LIMITED
Tea Division**

**General Information
Ref. Tender No.: TED/Capital/2014/076**

The applicants are required to furnish full information to the queries included in this form. In giving the particulars, the supporting documents/certificates as called for per queries at places, must be tagged with the application for evidencing the information furnished in the application.

1. Name of the firm in full :

2. Address, Telephone No.,
Fax No. & E-mail :
a) Address :

b) Telephone No. :

c) Fax No. :

d) E-mail ID :

3. Status of the organization :

4. Trade Licence No.
**(Please attach a photo
copy of the licence):**

5. Banker's name
(a) Name of the Bank :

(b) Name of the Branch :

(c) Account No. :

Note : A copy of Banker's Certificate to be attached.

6. Sales tax Registration No.
(a) Central :

(b) State / VAT :

7. I. T. Permanent Account No.:

8. Financial Capacity : Year (2013-2014)

(a) Fixed capital :

(b) Working capital :

I/we hereby certify that the particulars furnished by me/us above are true to the best of my / our knowledge and belief and mis-representations of facts will render me/us liable to my/our action as may be deemed fit by Andrew Yule & Co. Ltd. (Tea Division) & have the sole discretion to reject or accept my/our candidature.

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date ;

List of Enclosures :

Scope of Work / Technical Specification

Ref. Tender No.: TED/Capital/2014/076

1. Scope of Work

Supply as per specification, FOR garden including installation and commissioning at site.

2. SpecificationMachineries required for Manufacturing of **Green Tea** consist of –

- | | |
|------------------------------|------------|
| a) Kutcha Googhie Sifter | --- 1 No. |
| b) Hexagonal Googhie Shifter | --- 1 No. |
| c) Mini Drum Roster | --- 2 Nos. |
| d) Mini (Baby) Boiler | --- 2 Nos. |
| e) Cooling Bay | --- 2 Nos. |
| f) Andrews Tea Breaker | --- 1 No. |
| g) Buchannan Tea Breaker | --- 1 No. |

The detailed specification are appended –

a) Kutcha Googhie Sifter

A continuous rotating drum lined with SS wire mesh of different sizes used for separation and sorting of tea. The Drum rotates on heavy duty centre shaft to facilitate movement of Tea. The speed of rotation can be varied from 24 to 30 rpm, such that the tea can pass through various meshes adequately.

- **Rotating Drum**

Consists of a cylinder constructed from SS wire mesh fitted into heavy duty angular frame.

- **Main Drive Shaft**

Alloy Steel shaft rotating on bearings on pedestals grouted on floor and holding the stainless steel/ Aluminium cylinder on Spokes from the Central shaft.

- **Type** – Composite design suitable for Green Tea, Orthodox Tea production.
- **Production Capacity** – 1000 – 1200 Kgs/hr
- **Overall dimension** – Length – 3050 mm, Width – 1900 mm, Height - 2500 mm.
- **Output, rpm** – 24 – 35
- **Motor** – 2 HP, 1440 RPM
- **Gear Box** - 30:1
- **Mesh Size** – SS Wire Mesh No. 3 x 10 G x 3 Ft.
SS Wire Mesh No. 4 x 10 G x 3 Ft.
SS Sheet (18G) x 2 Ft (Feed end)
SS Sheet (18 G) x 2 Ft (Discharge end)

c) HEXAGONAL GOOGHIE SHIFTER

- **Rotating Drum**

Consists of Hexagonal Googhie consists of Hexagonal Drum constructed from SS wire mesh fitted into a heavy duty angular frame.

- **Main Drive Shaft**

Alloy Steel shaft rotating on bearings on pedestals grouted on floor and holding the stainless steel/ Aluminium cylinder on Spokes from the Central shaft.

- **Type** – Composite design suitable for Green Tea, Orthodox Tea production.
- **Production Capacity** – 1000 – 1200 Kgs/hr
- **Overall dimension** – Length–4115mm, Width–1225mm, Height–2500 mm.
- **Output, rpm** – 24 – 35
- **Motor** – 3 HP, 1440 RPM
- **Gear Box** - 30:1
- **Mesh Size** – SS Wire Mesh No. 8 x 10 G x 2 Ft. Length
SS Wire Mesh No. 10 x 10 G x 2 Ft. Length
SS Wire Mesh No. 12 x 10 G x 2 Ft. Length
SS Wire Mesh No. 14 x 10 G x 2 Ft. Length
SS Wire Mesh No. 20/24 x 10 G x 2 Ft. Length
SS Sheet (18G) x 2 Ft (Feed End)
SS Sheet (18 G) 18" (Discharge End)

d) **MINI DRUM ROSTER**

Mini Drum Roster is a batch type Hexagonal rotating drum mounted on a Pedestal with an inbuilt Steam pipeline for steaming and roasting of Green Tea. The Drum rotates co-axially on a perforated shaft, which provided a continuous supply of steam. The speed of rotation is constant at 24 rpm, such that the material is discharged from the Roster after a period of 6 – 7 minutes.

- **Hexagonal Drum** – Constructed from MS Aluminium or SS sheet fitted into a heavy duty angular frame.
- **Bearing Housing** – Completely enclosed Bearing Housing prevents any seepage of dust and foreign particles which can damage Bearing.
- **Steam Shaft** – Co-axially perforated shaft made from Alloy Steel carries the Steam into the Drum, end of the shaft are coupled with a rotating Union, such that one end of the Union rotates with Shaft and the fixed end is connected to the Steam pipeline.
- **Type** – Composite design suitable for Green Tea.
- **Production Capacity** – 200 – 210 Kgs/hr.
- **Overall Dimension** – Length – 1225 mm, Width – 775 mm
Outer body of SS Sheet (Thickness 18G)
- **Output** – 20 to 30 rpm
- **Motor** with counter drive pulley arrangement – 3 HP, 1440 RPM
- **Gear Box** - 20:1

e) **MINI (BABY) BOILER**

Mini Boiler is a vertical tube non IBR boiler (200 kg/hr evaporation) capable of operating on Coal, Wood, etc. It produces dry saturated steam at a working pressure of 100 psi at 160° C Consisting of steam generator, water heater, steam exhauster complete with feed pump coupled with 2 MP Motor, along with 44 ft chimney, MS construction with all accessories like Mountings, fittings and safety system suitable for Coal firing. Can be coupled to 2 Roasters of 200 kgs green leaf.

- **Rating** – HSG-7
- **Boiler Shell** – Made of intrinsic quality MS plates capable of withstanding high furnace temperatures. Adequately sized to contain furnace heat release within reasonable limits.
- **Furnace Grade** – Located below the tubes, the high grade cast iron grate provides appropriate area and air for complete combustion of fuels.
- **Type** – Composite design suitable for combustion on Coal & Wood.
- **Steam Generation Capacity** – 180 -190 kgs/hr.
- **Fuel** – Coal / Wood
- **Working Pressure** : 7.5 kg/cm²
- **Evaporation Rate** : 120 kg
Complete with Grate Bar suitable for Coal/wood firing

- **Refractory material** – Refractory bricks, Accoset 50 & Fire clay. supported with Steam Exhaust system and 44' Chimney.
- **Air Pre-heater**
- **Water Feed Pump** – 2 HP

f) **COOLING BAY**

Cooling Bay is a pre-fabricated using MS sheets. The Bay consists of a long tunnel covered with perforated Aluminium sheet and an enclosed Axial Flow Fan to supply air. The Air from the fan is forced through perforation and into the Tea leaves. Tea Leaves are sprayed on the perforated sheet with a constant thickness. The flow of air is controlled by a Damper provided at the Bay inlet. The modular bays are supplied in CKD (Complete Knocked Down) condition and only need to be assembled on site.

- **Side Frame** – Constructed from Heavy duty MS plates and angles.
- **Axial Flow Fan** – Dynamically balanced fan to provide optimum CFM and low energy consumption. The Fan is completely enclosed in a MS casing to protect it from environmental factors.
- **Perforated Deck** – Made from Aluminium perforated sheet and angles frame work and supports the entire load of the Tea leaves.
- **Type** – Composite design suitable for green tea.
- **Loading Capacity** – 300 – 400 kgs
- **Overall Dimension** – Length – 5000 mm, Width-2500 mm & Height – 912 mm.
- **Fan Output** – 6200 – 6500 CFM.
- **Motor** – 3 HP.

g) **ANDREWS TEA BREAKER**

- **Base Frame** – Constructed from heavy duty MS/CI frame.
- **Bearing Housing** – Completely enclosed bearing housing prevents any seepage of dust and foreign particles which can damage the bearing.
- **Fluted Roller** – Rollers are made from alloy steel to withstand high load factor. The peripheral teeth on the rollers are machined to exact tolerances providing a precise cut with adjustable pitch.
- **Adjusting Mechanism** – The roller has a duly fitted crank and lever mechanism to provide varying degree to tooth gap. The mechanism allows the rollers to be adjusted even during machine operation.
- **Type** – Composite Design suitable for Orthodox and Green Tea.
- **Production Capacity** – 400 -450 kgs.
- **Overall Dimension** – Length – 1100 mm, Width – 1100 mm, Height-1500mm.
- **Output RPM** – 60 – 180
- **Motor** – 3 HP.

h) **BUCHANNAN TEA BREAKER**

- **Base Frame** – Constructed from heavy duty MS Channel.
- **Bearing Housing** – Completely enclosed bearing housing prevents any seepage of dust and foreign particles which can damage the bearing.
- **Roller** – Rollers are made from alloy steel to withstand high load factor.
- **Adjusting Mechanism** – The roller has a duly fitted crank and lever mechanism to provide varying gap between rollers. The mechanism allows the rollers to be adjusted even during machine operation.
- **Type** – Composite Design suitable for Orthodox and Green Tea.
- **Production Capacity** – 400 -450 kgs.
- **Overall Dimension** – Length – 100 mm, Width – 1100 mm, Height-1500mm.
- **Output RPM** : 60 – 180
- **Motor** – 3 HP.

3. Requirement :

The following equipment at New Dooars Tea Estate

- Kutcha Googhie Sifter --- 1 No.
- Hexagonal Googhie Shifter --- 1 No.
- Mini Drum Roster --- 2 Nos.
- Mini (Baby) Boiler --- 2 Nos.
- Cooling Bay --- 2 Nos.
- Andrews Tea Breaker --- 1 No.
- Buchannan Tea Breaker --- 1 No.

4. Information / Data required to be furnished

- Complete specification of each equipment .
- After sales and service facilities available in North Bengal with Name and Mobile No. of your Service Engineers.
- List of Cliental for last two years along with Purchase Order copies.

General Terms & Conditions
Ref. Tender No.: TED/Capital/2014/076

1. **Scope of Work**
 Supply as per specification, FOR garden on “Door delivery basis” including installation and commissioning at site
2. **Location of Site**
 New Dooars Tea Estate, P. O. Banarhat, Dist. Jalpaiguri, West Bengal
3. **Requirement**
 The following equipment at New Dooars Tea Estate

• Kutcha Googhie Sifter	--- 1 No.
• Hexagonal Googhie Shifter	--- 1 No.
• Mini Drum Roster	--- 2 Nos.
• Mini (Baby) Boiler	--- 2 Nos.
• Cooling Bay	--- 2 Nos.
• Andrews Tea Breaker	--- 1 No.
• Buchannan Tea Breaker	--- 1 No.
4. **Delivery**
 The entire work of supply, installation & commissioning is to be completed within shortest possible time. The Bidders are requested to record / indicate their best possible delivery period.

 Entire supply must reach site withinweeks from date of order.
 Installation & commissioning withinweeks from date of handing over site.
 Despatch will be effected from the State of _____
5. **Liquidated Damage**
 In the event of failure on your part to complete the entire scope of correct, specific work against the contract to our satisfaction within the specified period of completion, we may recover as L/D a sum equivalent to ½% of the material value for each week or any part thereof default, where the delivery thereof will be accepted after expiry of the date stipulated for this purpose, but limited to a maximum of 10% of material value.
6. **Risk Purchase**
 In case the contractor fails to execute the contract fully or partly, the purchaser shall have the right to execute the work through other agencies, as decided by the purchaser at the contractor's cost and risk after giving two weeks notice in writing.
7. **Force Majeure**
 Any delay or failure in the performance of either party hereto will not constitute default thereunder or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by the occurrence such as acts of god or the public enemy, appropriation or confiscation of facilities by Govt. Authorities, acts of war, rebellion or sabotage, fires, explosions, riots and illegal strike.
8. **Terms of Payment**
 - 20 % of material value as advance against Bank Guarantee of equivalent amount to be valid till entire material reaches site.
 - 70 % of material value together with 100% taxes & duties, packing and forwarding charges, freight & insurance charges on receipt of complete material at the **Garden / site** in good condition, duly certified by the Manager / Site In charge ,within 15 days from date of receipt.
 - Balance 10% of materials value with 100% charges towards installation and commissioning will be made within 30 days from the date of successful commissioning duly certified by Manager / Site In charge against a Bank Guarantee equivalent to 10% of material value valid till the guarantee period.
 - Statutory deduction will be made as per rules.

9. Guarantee period

The equipment must be guaranteed against defective material, faulty workmanship and desired performance for a period of 12 months from date of commissioning.

10. Validity

The offer must be valid for a period of 45 days from last date of submission.

11. Earnest Money Deposit

The Tenderers must ensure Earnest Money Deposit in the following manner which will be converted into Security Deposit for the successful bidder and will be released on completion of contract.

E.M.D value – Rs.20,000/-

- EMD must be submitted by D/D favouring Andrew Yule &Co Ltd, payable at Kolkata.

12. Price variation

The quoted price should remain Firm during pendency of the contract

13. Purchaser's Liabilities

We will be providing the following as may be required during execution of the contract.

- All related civil work.
- Food and lodging to the Service Engineer at the time of installation and commissioning.
- Road Permit/Way Bill as may be necessary

14. Decision for awarding contract/job is vested with the Management so as to reject, split / fragment.

15. Incomplete "Quotation/Offer" is liable to be rejected.

PRICE SHEET

Garden : New Dooars Tea Estates, P.O. Banarhat Dist. Jalpaiguri, West Bengal
Green Tea Machineries consist of Kutcha Googhie Sifter - 1 No., Hexagonal Googhie Shifter - 1 No., Mini Drum Roster - 2 Nos., Mini (Baby) Boiler - 2 Nos., Cooling Bay - 2 Nos., Andrews Tea Breaker - 1 No., Buchanan Tea Breaker - 1 No. as per Tender No. TED/Capital/2014/076

Quantity	Unit	Cost of Equipment as listed above complete, including packing / forwarding, Excise duty/ Edu Cess, if any	Sales Tax at concessional rate against decl. form / VAT	Freight & Insurance charges for effecting "door delivery"	Charges towards installation & commissioning including service tax	Site cost per unit	Total Price
1	No.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.

- Declaration Form will be provided.