

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

**NOTICE INVITING TENDERS**

**ANDREW YULE & CO. LTD.** Is seeking to prequalify reputed Company /Consulting Firm for complete consultancy and technical support towards construction and establishment of CTC Tea Factory Complex including ancillary buildings, the details of which are available in Annexure- I & II as specified in this tender document.

Tender document may be downloaded from [www.andrewyule.com](http://www.andrewyule.com). Corrigenda or clarifications, if any, shall be posted on the above mentioned websites only.  
AYCL reserves the right to accept or reject any tender.

**Schedule of Tender**

1.	<b>Ref. No.</b>	<b>TEA/CAPEX/2017-18/01</b>
2.	<b>Date of publication of NIT through publication AYCL websites</b>	<b>10.06.2017</b>
3.	<b>Date of availability of NIT to the Vendors for downloading</b>	<b>10.06.2017</b>
4.	<b>Last date of submission of duly filled Annexure-I with desired documents as mentioned in Annexure-II to AYCL Ltd.</b>	<b>03.07.2017</b>

Within specified Date ,interested applicants must submit the following documents to Chief General Manager Tea Division, Andrew Yule & Co. Ltd., 8 Dr. Rajendra Prasad Sarani, Kolkata – 700001.

- Duly filled General information, under Annexure-I complete in all respect alongwith desired information as mentioned in Annexure-II
- Company Profile

In case of failure to submit any documents within the stipulated time, the offer may be rejected.

**List of Annexures**

General Information	- Annexure-I
Technical Specifications /Guidelines/Scope of Work	- Annexure-II

**ANDREW YULE & COMPANY LIMITED  
Tea Division**

**General Information**

**(This document should be dully filled up and attached along with desired documents)**

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. Bankers 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 (2016-2017)

(a) Fixed capital :

(b) Working capital :

9. Total monetary value of contract works performed for each of last three years ( Separate Sheet to be attached)

10. Completion Certificate for works of similar nature and magnitude executed within last 5 years in the following manner( Separate Sheet to be attached)

- a) Name of the Project/garden
- b) Name of the client & contact details :
- c) Nature of the job :
- d) Factory Capacity
- e) Year of commencement and completion

**Minimum criteria for selection . 10 projects in last 5years**

12. Qualification and experience of Key Technical Personnel in the organization in the following manner( Separate Sheet to be attached) :

Name

Brief Profile

Experience

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 :

**ANDREW YULE & COMPANY LIMITED**  
**Tea Division**  
**Technical Specifications/Guidelines**  
**Ref. Tender No.: TED/Capital/2017-18/**

Andrew Yule & Company Ltd is seeking to pre-qualify consultants for construction of CTC & Orthodox Tea Factory Complex including ancillary buildings located in Sibsagar District, Assam as per details appended below :

- Area Available - 20000sq.ft rectangular plot
- Factory Capacity . 10 Lakh Kg initially with a provision of additional 5 Lakh Kg CTC & 2 Lakh Kg. Orthodox type of tea.

Detail guidelines for making the proposal :

- Boundary Wall with suitable gate and Guard Room at the entry point.
- Main Factory Building including Trough House as per Factory Act
- Power House Building to include Grid & captive power as per norms of Directorate of Electricity and Pollution Control
- Workshop Building as per Factory Act
- General Office Building
- Store building
- Dispensary
- Suitable Weigh Bridge with Record Room as per norms of Legal Metrology
- Staff Quarters
- Managerial Staff Quarters
- Tarmac Arterial /Peripheral Road within the premises considering load factor for vehicular traffic.
- Water Sourcing and its distribution with treatment plant.
- Drainage scheme for waste water upto main outlet.
- Sewerage System
- Street Lighting .
- Landscaping of the vacant land
- Fire Fighting arrangement as per statutory norms from fire licensing authority.
- Main Factory Building and Trough House . Should be designed to achieve Tea Outturn not less than 100kg/Manday .
- Trough House should be designed considering the following :
  - I. Easy Unloading of fresh green leaves and thereafter loading onto the troughs
  - II. Auto weightment of fresh green leaves in each trough
  - III. Minimum travel distance for both fresh and withered green leaves.
  - IV. Hot Air Arrangement including ducting and Hot Air should be uniformly distributed across section of troughs maintaining the desired hygrometric difference to achieve withers as per processing requirement.
  - V. Auto weightment of withered green leaf before feeding to rolling room

- Rolling Room .
  - I. Auto feeding of withered leaves to CTC machines as per its input machine capacity .
  - II. No manual handling of withered leaf .
  - III. Material handling should have zero spillage without manual intervention.
  - IV. Desired hygrometric difference with DBT not above 26Deg C OR 80 Deg F across all section of Rolling Room should be maintained.
  - V. Draining arrangement for both liquid and solid waste should be so that the rolling /fermenting room to be cleaned within 1 hour with mechanised cleaning with fast discharge arrangement of waste into peripheral drain and thereafter upto the main outlet with minimal chances of clogging .
  - VI. Online Continuous Fermenting Machine with Humidification arrangement with automated feeding arrangement from CTC Room should have a partition to maintain the inherent conditions as per type of manufacture with material handling to be automated between Rolling and Fermenting Room and to drying room
  
- Drying Room
  - I. Auto feeding of fermented leaf to drying machines as per its input machine capacity and seasonal requirement
  - II. No manual handling of fermented leaf and dryer mouth tea .
  - III. Material handling should have almost zero spillage.
  - IV. Desired air changes with room temperature not above day temperature across all section of Drying Room.
  - V. Side spill /fibre collection arrangement and its simultaneous reprocessing arrangement .
  - VI. Auto-weighment of dryer mouth teas .
  - VII. Heater arrangement should cater to both NG /LPG with highest efficiency level .
  
- Sorting Room
  - I. Auto feeding of dryer mouth tea to fully automated sorting sytem simultaneously Primary as well as Secondary with a capacity 20% more than the dryer output.
  - II. Material handling should have almost zero spillage.
  - III. Floor should be damp proof .
  - IV. Material Handling for graded teas from storage bins upto packing should have minimal human touch.
  - V. Bonded room for packed tea on FIFO basis should be demarcated with direct access to despatch bay .
  - VIII. Desired air changes with room temperature not above day temperature across all section of Sorting Room.

- Power House should be designed to house both the GRID as well as captive generation with electrical distribution arrangement .The Unit should be located with easy access and minimal cabling for various sections of Main Factory considering statutory norms .
- Workshop should be designed to house automated machineries to cater to inhouse needs in accordance with capacity with easy access to Rolling Room with arrangement mechanical arrangement to facilitate easy & faster roller changing.
- General Office /Store/ Ration godown /Weighbridge should be located so that there is minimal trespass into main factory area and the residences
- Positioning of Lightening Arrestors
- Fresh Water Supply Scheme to cater to factory as well as residences .
- Sanitation Management for Factory as well as Residences.
- Proposal for Solid and liquid waste management for the factory as well residences.
- Street Lighting

### **Scope of Work**

1. Site Survey & preparation of site plan
2. Preparation of proposed Master Plan and detail project report (DPR) for Tea Factory Complex
3. Preparation of proposed Layout Plan of machineries
4. Design and detail Engineering of various structures ,buildings ,shed and allied items including roads and culverts along with preparation of Bill of materials
5. Design and detail Engineering of water treatment &supply and sewerage system including preparation of Bill of Materials
6. Design and detail Engineering of drainage /sewerage system /disposal including Bill of Materials
7. Design and detail Engineering of both HT /LT Electrical System including preparation of Bill of Materials
8. Drawing /Specification and selection of proposed equipments along with electricals.
9. Deputation of one Civil Engineer during execution.
10. Provision of Certification of Work done by respective contractors engaged during the execution of the project.

### **Delivery & Terms of Payment**

The Applicants are requested to record / indicate their best possible delivery period for submission for Design and Detail Engineering for the items mentioned in the scope of work and tentative completion period of the project.

The Applicants are also requested to indicate payment terms which will be finalized as per prevalent norms of the Company which shall be notified before submission final offer on being found eligible post submission of documents for Prequalification Bid