

**TENDER FOR TESTING OF TEA SAMPLE FOR THE GARDENS LOCATED AT  
ASSAM, DOOARS AND DARJEELING**

**TENDER REFERENCE NO : AYCL/TEA/2024-25/2**

ANDREW YULE & CO. Ltd invites e-tender from bonafide NABL Accredited and Tea Board approved Laboratories for conducting "THE TESTING OF TEA SAMPLE AS PER FSSAI AND PPC NORMS.".

Interested NABL Accredited and Tea Board approved Laboratories who comply with the eligibility criteria mentioned herein after, may quote as per the specified instruction furnished below.

**Brief Background of the Company:**

Andrew Yule & Company Ltd (AYCL) is an Indian manufacturing and industrial conglomerate, with majority shareholding by Government of India and headquartered in Kolkata (formerly Calcutta). It became a Central Public Sector Enterprise (CPSE) in 1979 and is presently having three major Divisions, viz., Engineering (near Kolkata), Electrical (Chennai) and Tea (15 Gardens in Assam and West Bengal). The Company maintains five Guest Houses in Kolkata, Kalyani, Kalimpong, Puri & New Delhi. The Annual Turnover of the Company is around Rs. 325 Crores and more than 50% of it is generated from Tea business and the rest through other businesses of the Company i.e. electrical equipment manufacturing as Transformer, Industrial Fans etc.

**PART - A**

**Annexure-I**

**Detailed Profile of the Intended Firms**

**(This document should be dully filled up)**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Firm	
2	Address Head Office	
3	Details of the Branch	
	a)	
	b)	
4	Phone. No.	
5	Email ID	
6	Name of the Authorized Signatory of the Bid	
7	Contact No. of the Authorized Signatory	
8	Firm Registration No.	
9	Date of Incorporation	

10	PAN of the Firm	
11	GST no. of the Firm	
12	NABL Certificate No. with Validity period:	
13	Bank details of the bidder for return of EMD to the unsuccessful bidders	Bank Name:  Branch Name & Address:  IFSC Code:

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. & have the sole discretion to reject or accept my/our candidature.

(Signature of the Authorized Signatory)

Office Stamp/Seal.

Place :

Date :

## **GENERAL INFORMATION :**

Quotations are in two part – Part A consisting of all Techno-commercial documents (including EMD)& Part B consists of only Bid Document. You have to submit the Part A in one envelope marking “Tender for Testing of Tea Sample, part-A” & Part B in a separate envelope marking “Tender for Testing of Tea Sample, part-B”. The two envelopes then to be inserted in one single envelope and to be submitted marking “Tender for Testing of Tea Sample”. Part B will be opened for only those vendors who will qualify in Part A. The Tender document is to be submitted to the following address:

The Deputy General Manager, Khowang Tea Estate, P.O. – Khowang, Dibrugarh Pin – 785675.

**Quotations will be opened on 09<sup>th</sup> May, 2024, at 11 am at the above address.**

## **The scope of work of the above job is as follows:**

### **TESTING OF TEA SAMPLE AS PER FSSAI AND PPC NORMS FOR TEA GARDENS IN AYCL GARDENS**

1. Testing of Tea sample as per the FSSAI and PPC norms(List attached in ANNEXURE-IV for Black tea as well as for Green tea) of the tea gardens located in Assam, Dooars and Darjeeling Region.
2. The rate should be quoted under three categories:- a) As per FSSAI Norms, b) As per PPC norms and C) As per both FSSAI and PPC Norms.
3. The rate should be quoted considering the testing of 24 tea samples for Assam, Dooars and Darjeeling Garden (i.e. 2 samples from each garden) which might increase in due course of time

## **General Terms & conditions**

1. Firms are required to submit their detailed profile in the format enclosed in Annexure-I.
2. Firms fulfilling the minimum eligibility criteria and having the supporting documents as required as per Annexure-II, are only eligible to quote.
3. **Location of the Assets :**
  - i. Khowang Tea Estate, P.O. Khowang, Dibrugarh, Assam - 785675
  - ii. Rajgarh Tea Estate, P.O. Rajgarh, Dibrugarh, Assam – 786611
  - iii. Tinkong Tea Estate, P.O. Tinkong, Dibrugarh, Assam – 786612
  - iv. Desam Tea Estate, P.O. Naharkatiya, Dibrugarh, Assam – 786610
  - v. Basmatia Tea Estate, P.O. Lahoal, Dibrugarh, Assam – 786010
  - vi. Hoolungooree Tea Estate, P.O. Mariani, Jorhat, Assam – 785634
  - vii. Murphulani Tea Estate (InclBogijan Division), P.O. Golaghat, Assam – 785621
  - viii. Karballa Tea Estate, P.O. Banarhat, Jalpaiguri, West Bengal - 735202
  - ix. Banarhat Tea Estate, P.O. Banarhat, Jalpaiguri, West Bengal - 735202
  - x. New Dooars Tea Estate, P.O. Chamurchi, Jalpaiguri, West Bengal - 735207
  - xi. Choonabhutti Tea Estate, P.O. Chamurchi, Jalpaiguri, West Bengal - 735207
  - xii. Mim Tea Estate, P.O. Sukhia Pokhri, Darjeeling, West Bengal - 734221
4. **Assignment of Contract:** The bidder shall not assign the contract or any part thereof to anyone else.
5. **Obligations of the firm:**
  - a) The Firm undertakes to perform the Services with the highest standards of professional and ethical competence and integrity.
  - b) The Firm and his Personnel shall not, disclose any proprietary or confidential information relating to the Services, this Contract, or the Client's business or operations without the prior written consent of the Client during the term.

**6. Performance of the Firm:**

In case of unsatisfactory performance of the assignment, considered by the Management, within the tenure of the contract for any reason thereof, the same shall be liable for penal action as decided by AYCL Management.

7. **Submission of report:** Once the test report is finalized from the firm office the final report should be submitted within as soon as possible.

8. **Payment terms:** Bill is to be raised within a week of submission of the test report and the same will be paid within 40-45 days.

**9. Evaluation Criteria:**

Firm fulfilling all the General Terms and Conditions and Eligibility Criteria and quoting minimum fees will be adjudicated as the best bidder.

**10. Bid rejection terms and conditions:**

Bidders not submitting the required documents as per the tender document

11. The bidders are required to give a declaration in Annexure-IV to the fact that the bidding Firm/Company has not been banned/de-listed/debarred by any PSU/Govt. Dept during last 3(three) years.

12. All Quotation will be valid for 12 months.

13. The tentative time allowed to complete the job is 1 week from the date of onward submission of the sample.

14. Taxes will be deducted as per statute.

15. **EMD @ 1% on your Tender Value has to be deposited by Chq./DD with the quotation in favour of Andrew Yule & Co. Ltd., A/c Khowang T.E.**

16. Payment will be made by a/c payee cheque/RTGS/NEFT, only after completion of job. No Advance will be given.

17. All alterations in the quotations must be attested by full signature.

18. Management reserves the right to split the order wherever found necessary with majority job to be reserved for L1.

19. Penalty clause shall be applicable if the job is not completed within the stipulated time in Purchase Order. Penalty will be 1/2% of Project Value for each week of delay from the scheduled date of completion, maximum of 5% of total project value.

20. The firm should have Head/Branch office in the same city of the Unit/Division of AYCL is located for which it has applied or it should undertake to set up office in the State if they are found eligible.

21. 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 concurrence 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.

22. All the disputes are subjected to Dibrugarh, Jorhat and Jalpaiguri jurisdiction only.

(Signature of the Authorized Signatory)  
Office Stamp/Seal

**ANNEXURE-II**

<b><u>Sl. No.</u></b>	<b><u>Eligibility Criteria</u></b>	<b><u>Documents to be submitted</u></b>
1	Firm should be registered with Tea Board of India	Firms registration certificate
2	The Firm should have valid NABL approved certificate	Documentary evidence of Net revenue receipts certified by a Chartered Accountant

**ANNEXURE-III**

**Declaration of Eligibility (By the Bidder)**

I/ We, M/s ..... (Name of bidder) hereby certify that I/we have not been banned/de-listed/de-barred from business by any PSU/Govt. Department during last 03 (three) years.

\_\_\_\_\_  
(Seal & Signature of the Bidder)

Place :

Date :

**ANNEXURE-IV**

A) TESTING AS PER FSSAI NORMS :

<b>BLACK TEA testing as per FSSAI specification</b>		
<b>Sl No.</b>	<b>Parameters</b>	<b>Method</b>
<b>1 Microbiological</b>		
1	E. Coli	ISO / AOAC
2	Salmonella	ISO / AOAC
3	Coliform	ISO / AOAC
<b>2. GENERAL PARAMETERS</b>		
1	Odour	Organoleptic
2	Taste	Organoleptic

3	Flavour	Organoleptic
4	Visual Appearance	Visual examination
5	Extraneous matter	Visual examination
6	Test for added Natural colours (Curcumin, Riboflavin, Chlorophyll, Beta carotene, Carotene(Natural extract),Annatto extract (Bixin), Beta apo-8 carotenal, Methyl ester of Beta apo-8 carotenoic acid, Ethyl ester of Beta apo-8 carotenoic acid, Canthaxanthin, Caramel colours(Plain), Caramel colours(Ammonium Sulphite process)	Qualitative
7	Test for synthetic colors (Ponceau 4R, Carmoisine, Erythrosine, Tartrazine, Sunset Yellow FCF, Indigo carmine, Brilliant blue FCF, Fast green FCF )	Qualitative
<b>3. PHYSICO CHEMICAL PARAMETERS</b>		
1	Total Ash	Gravimetry
2	Alkalinity of soluble ash	Gravimetry
3	Water Soluble ash	Gravimetry
4	Acid Insoluble Ash	Gravimetry
5	Water Extract	Gravimetry
6	Crude Fibre	Gravimetry
7	Melamine	
<b>4. METAL CONTAMINANTS</b>		
1	Iron filings	Gravimetry
2	Lead	ICPMS/ ICPOES
3	Copper	ICPMS/ ICPOES
4	Arsenic	ICPMS/ ICPOES
5	Tin	ICPMS/ ICPOES
6	Cadmium	ICPMS/ ICPOES
7	Mercury	ICPMS/ ICPOES
8	Methyl Mercury	ICPMS/ ICPOES
<b>5. PESTICIDE RESIDUES</b>		
1	Aldicarb	GCMS/LCMS
2	Aldrin, Dieldrin	GCMS/LCMS
3	Chlordane	GCMS/LCMS
4	Heptachlor	GCMS/LCMS
5	Lindane Gamma-HCH	GCMS/LCMS
6	Endosulfan	GCMS/LCMS
7	Carbofuran	GCMS/LCMS
8	Methomyl	GCMS/LCMS
9	Phosphamidon	GCMS/LCMS
10	Captafol	GCMS/LCMS
11	Ferbam as CS2	GCMS/LCMS
12	Formothion	GCMS/LCMS
13	Simazine	GCMS/LCMS

14	Diazinon	GCMS/LCMS
15	D.D.T	GCMS/LCMS
16	Fenitrothion	GCMS/LCMS
17	Fenthion	GCMS/LCMS
18	Methyl Parathion	GCMS/LCMS
19	Ethyl Parathion	GCMS/LCMS
20	Monocrotophos	GCMS/LCMS
21	Cypermethrin	GCMS/LCMS
22	Acephate	GCMS/LCMS
23	Imidacloprid	GCMS/LCMS
24	Acetamiprid	GCMS/LCMS
25	Dinotefuran	GCMS/LCMS
26	Fipronil	GCMS/LCMS
<b>6. OTHER CONTAMINANT</b>		
1	Saffrole	LCMS/MS

**B) TESTING AS PER PPC NORMS :**

<b>1</b>	<b>PESTICIDE</b>	<b>Method</b>
1	2,4-D Salt	GCMS/LCMS
2	bifenthrin	GCMS/LCMS
3	bitertanol	GCMS/LCMS
4	Carbendazim	GCMS/LCMS
5	CarfentrazoneEthyl	GCMS/LCMS
6	Chlorpyriphos	GCMS/LCMS
7	Chlothianidin	GCMS/LCMS
8	cyflumetofen	GCMS/LCMS
9	Deltamethrin	GCMS/LCMS
10	Dicofol	GCMS/LCMS
11	Emamectin Benzoate	GCMS/LCMS
12	Ethion	GCMS/LCMS
13	etoxazole	GCMS/LCMS
14	Fenpropathrin	GCMS/LCMS
15	fenpyroximate	GCMS/LCMS
16	Fenazaquin	GCMS/LCMS
17	flubendiamide	GCMS/LCMS
18	fluvalinate	GCMS/LCMS
19	Glufosinate ammonium	GCMS/LCMS
20	Glyphosate	GCMS/LCMS
21	hexaconazole	GCMS/LCMS
22	Hexythiazox	GCMS/LCMS
23	lambda cyhalothrin	GCMS/LCMS
24	mancozeb	GCMS/LCMS
25	Oxyfluorfen	GCMS/LCMS

26	paraquat dichloride	GCMS/LCMS
27	Propargite	GCMS/LCMS
28	propiconazole	GCMS/LCMS
29	Quinalphos	GCMS/LCMS
30	spiromesifen	GCMS/LCMS
31	Thiacloprid	GCMS/LCMS
32	thiamethoxam	GCMS/LCMS
33	zineb as CS2	GCMS/LCMS
34	Aldicarb	GCMS/LCMS
35	Aldrin, Dieldrin	GCMS/LCMS
36	Chlordane	GCMS/LCMS
37	Heptachlor	GCMS/LCMS
38	Lindane Gamma-HCH	GCMS/LCMS
39	Endosulfan	GCMS/LCMS
40	Carbofuran	GCMS/LCMS
41	Methomyl	GCMS/LCMS
42	Phosphamidon	GCMS/LCMS
43	Captafol	GCMS/LCMS
44	Ferbam as CS2	GCMS/LCMS
45	Formothion	GCMS/LCMS
46	Simazine	GCMS/LCMS
47	Diazinon	GCMS/LCMS
48	D.D.T	GCMS/LCMS
49	Fenitrothion	GCMS/LCMS
50	Fenthion	GCMS/LCMS
51	Methyl Parathion	GCMS/LCMS
52	Ethyl Parathion	GCMS/LCMS
53	Monocrotophos	GCMS/LCMS
54	Cypermethrin	GCMS/LCMS
55	Acephate	GCMS/LCMS
56	Imidacloprid	GCMS/LCMS
57	Acetamiprid	GCMS/LCMS
58	Dinotefuran	GCMS/LCMS
59	Fipronil	GCMS/LCMS

**C) TESTING AS PER FSSAI NORMS (GREEN TEA):**

<b>GREEN TEA testing as per FSSAI specification</b>		
<b>Sl No.</b>	<b>Parameters</b>	<b>Method</b>
<b>1. Microbiological</b>		
1	E. Coli	
2	Salmonella	
3	Coliform	



<b>2. GENERAL PARAMETERS</b>		
1	Odour	Organoleptic
2	Taste	Organoleptic
3	Flavour	Organoleptic
4	Visual Appearance	Visual examination
5	Extraneous matter	Visual examination
6	Test for added Natural colours (Curcumin, Riboflavin, Chlorophyll, Beta carotene, Carotene(Natural extract),Annatto extract (Bixin), Beta apo-8 carotenal, Methyl ester of Beta apo-8 carotenoic acid, Ethyl ester of Beta apo-8 carotenoic acid, Canthaxanthin, Caramel colours(Plain), Caramel colours(Ammonium Sulphite process)	Qualitative
7	Test for synthetic colors (Ponceau 4R, Carmoisine, Erythrosine, Tartrazine, Sunset Yellow FCF, Indigo carmine, Brilliant blue FCF, Fast green FCF )	Qualitative
<b>3. PHYSICO CHEMICAL PARAMETERS</b>		
1	Total Ash	Gravimetry
2	Alkalinity of soluble ash	Gravimetry
3	Water Soluble ash	Gravimetry
4	Acid Insoluble Ash	Gravimetry
5	Water Extract	Gravimetry
6	Crude Fibre	Gravimetry
7	Melamine	
<b>4. METAL CONTAMINANTS</b>		
1	Iron filings	Gravimetry
2	Lead	ICPMS/ ICPOES
3	Copper	ICPMS/ ICPOES
4	Arsenic	ICPMS/ ICPOES
5	Tin	ICPMS/ ICPOES
6	Cadmium	ICPMS/ ICPOES
7	Mercury	ICPMS/ ICPOES
8	Methyl Mercury	ICPMS/ ICPOES
<b>5. PESTICIDE RESIDUES</b>		
1	Aldicarb	GCMS/LCMS
2	Aldrin, Dieldrin	GCMS/LCMS
3	Chlordane	GCMS/LCMS
4	Heptachlor	GCMS/LCMS
5	Lindane Gamma-HCH	GCMS/LCMS
6	Endosulfan	GCMS/LCMS
7	Carbofuran	GCMS/LCMS
8	Methomyl	GCMS/LCMS
9	Phosphamidon	GCMS/LCMS
10	Captafol	GCMS/LCMS

11	Ferbam as CS2	GCMS/LCMS
12	Formothion	GCMS/LCMS
13	Simazine	GCMS/LCMS
14	Diazinon	GCMS/LCMS
15	D.D.T	GCMS/LCMS
16	Fenitrothion	GCMS/LCMS
17	Fenthion	GCMS/LCMS
18	Methyl Parathion	GCMS/LCMS
19	Ethyl Parathion	GCMS/LCMS
20	Monocrotophos	GCMS/LCMS
21	Cypermethrin	GCMS/LCMS
22	Acephate	GCMS/LCMS
23	Imidacloprid	GCMS/LCMS
24	Acetamiprid	GCMS/LCMS
25	Dinotefuran	GCMS/LCMS
26	Fipronil	GCMS/LCMS
<b>6. OTHER CONTAMINANT</b>		
1	Total Catechins as Epigallocatechin Gallate	LC-UV
2	Saffrole	LCMS/MS

**PART – B**  
**Comprehensive Financial Proposal:**

SI No	Heads of Remuneration	Rs in Figure	Rs in Words
1.	Rate for test as per FSSAI NORMS (BLACK TEA)		
2.	Rate for test as per FSSAI NORMS (GREEN TEA)		
3.	Rate for test as per PPC NORMS (BLACK TEA AND GREEN TEA)		
4.	Rate for test as per FSSAI and PPC NORMS (BLACK TEA)		
5.	Rate for test as per FSSAI and PPC NORMS (BLACK TEA)		

(Signature of the Authorized Signatory)

Office Stamp/Seal.

Place :

Date :