

**RAJGARH TEA ESTATE**  
**Andrew Yule & Co.Ltd.**  
**(A Government of India Enterprise)**  
**P.O. Rajgarh, Dist Dibrugarh, Assam – 786611**

**NOTICE INVITING TENDERS**

**Senior Manager, Rajgarh Tea Estate on behalf of ANDREW YULE & CO. LTD** invites e-Tender under two part system (**Part I: Techno-Commercial Bid and Part II: Price Bid**) from bona fide and reputed **Company/Firm** for **Supply,Erection, Installation and Commissioning of Electrical Panel Distribution Board complete in all respect**, the details of which are available in Annexure-IV “**Scope of Work / Technical Specification**” as specified in this tender document.

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

**Schedule of Tender**

1.	<b>TENDER NO.</b>	<b>RAJ/CAPEX/16-17/03</b> <b>Dated. : 29.08.2016</b>
2.	<b>MODE OF TENDER</b>	e-Procurement System Online submission of <b>Part I - Techno-Commercial Bid</b> and <b>Part II - Price Bid</b> through <a href="http://www.mstcecommerce.com/eprochome/aycl">www.mstcecommerce.com/eprochome/aycl</a> The intending bidders are required to submit their offer electronically through this e-tendering portal. <b>No physical tender is acceptable by AYCL/MSTC</b>
3.	<b>E-Tender No. / Event No.</b>	<b>AYCL/TEA DIVISION/14/16-17/ET/117</b>
4.	<b>Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal</b>	<b>06.09.2016</b>
5.	<b>Date of availability of NIT to the Vendors for Downloading</b>	<b>06.09.2016</b>
6.	<b>Earnest Money and other document</b>	<b>“Earnest Money Deposit” of Rs.20000/- (Rupees Twenty thousand only) to be paid by D.D. favouring Andrew Yule &amp;Co Ltd. A/c Rajgarh Tea Estate payable at Duliajan.</b> <b>Other document as described in Annexure – I, Sl. No. 2</b>

7.	Last date of submission of EMD & other documents to Sr. Manager, Rajgarh Tea Estate with an email confirmation to Chief General Manager, Tea Division at <a href="mailto:kaustuv.roy@andrewyule.com">kaustuv.roy@andrewyule.com</a>	27.9.2016
8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid At <a href="http://www.mstcecommerce.com/eprochome/aycl">www.mstcecommerce.com/eprochome/aycl</a>	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
9.	Date of closing of Online e-tender for submission of Techno-Commercial Bid & Price Bid at <a href="http://www.mstcecommerce.com/eprochome/aycl">www.mstcecommerce.com/eprochome/aycl</a>	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
10.	Date & time of opening of Part-I (Techno-Commercial Bid)	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.
11.	Date & time of opening of Part-II (Price Bid )	To be intimated to the eligible vendor separately by email as well as through Corrigendum in the website.

#### List of Annexure

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**RAJGARH TEA ESTATE  
Andrew Yule & Co.Ltd.  
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P.O. Rajgarh, Dist Dibrugarh, Assam – 786611**

**Important Instructions for E-procurement**

**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**

**Ref. Tender No.: RAJ/CAPEX/16-17/03**

This is an e-procurement event of Rajgarh Tea Estate, Rajgarh, Dibrugarh Assam of ANDREW YULE & COMPANY LTD Ltd.

You are requested to read the Terms & Conditions (Annexure- III, IV) of this tender before submitting your online tender. Tenderers who do not comply with the Conditions with documentary proof (wherever required) will not qualify in the Tender for opening of Price Bid.

**1. Process of E-tender:**

A) **Registration:** The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type Digital Signature Certificate. Vendors are to make their own arrangement for bidding from a PC connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

**SPECIAL NOTE:** THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ON-LINE AT [www.mstcecommerce.com/eprochome/aycl](http://www.mstcecommerce.com/eprochome/aycl)

- 1) Vendors are required to register themselves online with [www.mstcecommerce.com](http://www.mstcecommerce.com) → e-Procurement → PSU / Govt. depts. → Register as Vendor under AYCL- Filling up details and creating own user id and password → Submit.
- 2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

In case of any clarification, please contact MSTC/AYCL (before the scheduled time of the e-Tender).

**Contact person for Techno Commercial clarification (ANDREW YULE & COMPANY LTD):**

1. Mr. Rupankar Goswami  
Sr. Manager,  
Rajgarh Tea Estate, Dibrugarh.  
Mobile No: 09435003967  
Email: yule.rajgarh@gmail.com

**Contact person (E-Commerce, MSTC Ltd):**

1. Mr. Arindam Bhattacharjee  
Deputy. Manager (E-commerce)  
MobileNo: 09330102643  
Email: arindam@mstcindia.co.in

2) Mr. Sabyasachi Mukherjee  
Assistant Manager (E-commerce)  
Mobile- 07278030407  
Email:smukherjee@mstcindia.co.in

3. Ms Sumona Maity  
Management Trainee (E-Commerce)  
Mobile-09831155225  
Email: smaity@mstcindia.co.in  
Landline: (033) 22901004

**System Requirement:**

- i) Windows XP-SP3 or above / Windows 7 Operating System
- ii) IE-7 or above Internet browser.
- iii) Signing & Encryption type digital signature
- iv) JRE 7 update 79 software to be downloaded and installed in the system. Security level should be medium
- v) To enable ALL active X controls and disable 'use pop up blocker' under Tools → Internet Options → custom level (Please run IE settings from the page [www.mstcecommerce.com](http://www.mstcecommerce.com) once)

**2. Part-I: Submission of EMD & other Documents:**

Within specified Date & time the vendor must submit the following documents to Sr. Manager , Rajgarh Tea Estate, P.O. Rajgarh, Dist – Dibrugarh, Assam 786611. Off- line.

- Earnest Money of Rs.20,000/- (RupeesTwenty Thousand only) by Demand Draft favouring Andrew Yule & Co. Ltd. A/C Rajgarh Tea Estate, Payable at Duliajan.
- General information, under Annexure-III complete in all respect along with desired information and document.
- Acceptance of Scope of Work/Technical Specification, under Annexure-IV along with relevant information and documents without Price Sheet.
- Technical specification sheet, with all desired details, duly signed and stamped as token of acceptance.
- Intending Bidders may visit the site before submission of the Off-line documents at their own cost.

In case of failure to submit the EMD and other document within the stipulated time, the Tender may be rejected.

**Part-II: Online Bid submission: On the basis of submission of EMD and other Documents at Rajgarh Tea Estate, Rajgarh, Dibrugarh Assam the list of vendors who will participate in online Techno commercial and price bid submission will be finalized. Only those qualified bidders will be eligible to submit Online Techno-commercial and price bid.**

**Bidding in e-Tender:**

- a. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by Rajgarh Tea Estate. EMD to be paid along with the Document with in the last date as mentioned in SOT.
- b. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid.
- c. The bidder(s) who have submitted the EMD and documents to Rajgarh Tea Estate will be short listed by Sr. Manager, Rajgarh Tea Estate and those qualified bidders can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website [www.mstcecommerce.com](http://www.mstcecommerce.com) → e-procurement → Psu / Govt depts. → Login under AYCL→ My Menu → Auction Floor Manager → live event → Selection of the live event.
- d. The bidder should allow to run an application namely enApple by accepting the risk and clicking on run. This exercise has to be done twice immediately after opening of Bid floor. Then they have to fill up Common terms /Commercial specification and save the same. After that clicking on the Techno-Commercial bid, if this application is not run then the bidder will not be able to save / submit his Techno-Commercial bid.
- e. After filling the Techno-Commercial Bid, bidder 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 be filled up and then bidder should click on "**Save**" to record their Price Bid. Then once both the Techno-Commercial bid & Price Bid has been saved, the bidder can click on the "**Submit**" button to register their bid.
- f. Vendors are instructed to use link in **My Menu** to **Upload Documents** in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.
- g. Once documents are uploaded in the library, vendors can attach documents through *Attach Document* link against the particular tender. For further assistance please follow instructions of vendor guide.
- h. In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.
- g. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.

- h. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- i. Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can download Technical Comparative statement.
- j. Price bid will be opened electronically on specified date and time given in the NIT. Bidder(s) can download Price Comparative statement.
- k. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
- l. All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter **SUPPLIER**.
- m. It is mandatory that all the bids are submitted with Digital Signature Certificate otherwise the same will not be accepted by the system.
- n. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- o. 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.
- p. Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.

E-tender cannot be accessed after the due date and time mentioned in NIT.

All notices / corrigendum and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by RAJGARH TEA ESTATE/ANDREW YULE & COMPANY LTD/MSTC LTD. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the stage of registration of vendor with MSTC. Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.

No deviation to the technical and commercial terms & conditions are allowed.

ANDREW YULE & COMPANY LTD / Rajgarh Tea Estate have the right to cancel this e-Tender without assigning any reason thereof.

The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website [www.mstcecommerce.com/eprochome/aycl](http://www.mstcecommerce.com/eprochome/aycl) of MSTC Ltd.

The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.

The bid will be evaluated based on the filled-in technical & commercial formats.

Bidders are requested to read the vendor guide and see the video in the page [www.mstcecommerce.com/eprochome/mstc](http://www.mstcecommerce.com/eprochome/mstc) of MSTC Ltd. to familiarize them with the system before bidding.

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**Notice Inviting Tender:**  
**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**  
**Ref. Tender No.: RAJ/CAPEX/16-17/03**

Senior Manager, Rajgarh Tea Estate on behalf of Andrew Yule & Co. Ltd., Tea Division, invites tender from reputed Electrical Contractors/firm for **Supply, Erection, Installation and Commissioning of MV Electrical Panel Distribution Board in the Power House of the factory in Rajgarh Tea Estate.**

Contractors interested to participate in the above Tender will have to :

- b) Get themselves registered (free of cost) as supplier with [www.mstcecommerce.com/eprochome/aycl](http://www.mstcecommerce.com/eprochome/aycl), our service provider.
- c) Submit the following document to Rajgarh Tea Estate, Rajgarh, Dibrugarh – Assam within 21 days from the date of publication of advertisement, off line -
  - General Information Sheet complete in all respect duly signed and stamped.
  - Earnest money of Rs.20,000/- by Draft favouring Andrew Yule & Co. Ltd. A/C Rajgarh Tea Estate payable at Duliajan.
  - Commercial Terms & Conditions Sheet duly signed and stamped as token of acceptance.
  - Technical specification sheet, with all desired details, duly signed and stamped as token of acceptance.

The following pre-qualification criteria would apply, which may be relaxed at the sole discretion of Andrew Yule & Co. Ltd. / Rajgarh Tea Estate.

The Bidder should be having minimum 4 years of experience in fabrication/erection commissioning of Electrical Panel Distribution Board for distribution of power not less than 500KVA with valid Electrical Licence and holding authority to deal with Andrew Yule & Co. Ltd. / Rajgarh Tea Estate. This should be supported by appropriate documentary evidence.

The Bidder shall be a registered Company and possess valid sales tax / service tax registration certificates.

The Bidder should have own local support office presence for the locations namely Dibrugarh / Guwahati, Assam and should be able to provide support as and when required.



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**General Information**

**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**

**Ref. Tender No.: RAJ/CAPEX/16-17/03**

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.

<b>1. <u>Particulars of Company</u></b>			
1.1	Name of the Company	:	
1.2	Nature of business	:	
1.3	Full address	:	

1.4	Phone No.	:	
1.5	Fax No.	:	
1.6	E-mail ID	:	

**2. Details of Certificate**

SI No.	Particulars	Registration No.	Remarks
1.	Income Tax		Copy of Registration Certificate / PAN Card to be attached
2.	Central Sales Tax		Copy of Registration Certificate to be attached
3.	State Sales Tax		Copy of Registration Certificate to be attached
4.	Service Tax		Copy of Registration Certificate to be attached
5.	Trade Licence		Copy to be attached

**3. List of Local Office**

Sl. No	Location	Type of Local Office		Bidders to Provide full address & Telephone No
		Company Operated	Franchised	
1				
2				

**4. Details of Banker**

1	Name of the Bank	
2	Name of the Branch	
3	Branch Code	
4	Address	
5	IFSC Code No.	
6	Account No.	

5. List of Job contract of identical nature made in last 2 years. with customer reference

6. Copies of Purchase Orders : for identical type of Job contract (minimum 2 order copies)

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) / Rajgarh Tea Estate & have the sole discretion to reject or accept my/our candidature.

Signature of the Applicant)  
Office Stamp/Seal.

Place :

Date ;

List of Enclosures :

**RAJGARH TEA ESTATE**  
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**P.O. Rajgarh, Dist Dibrugarh, Assam – 786611**

**General Terms& Conditions**

**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**

**Ref. Tender No.: RAJ/CAPEX/16-17/03**

1. Scope of Work:
  - Supply, Erection, Installation and Commissioning of Electrical Panel Distribution Board complete in all respect on turnkey basis in the Power House of the factory in Rajgarh Tea Estate as per drawing no. RAJ/PEN/01, RAJ/PEN/02 & RAJ/PEN/03.
2. Location of Site
  - Power House in Factory Premises of Rajgarh Tea Estate , P.O. Rajgarh, Dist. Dibrugarh, Assam
3. Requirement
  - Supply , Erection, Installation and Commissioning of Electrical Panel Distribution Board complete in all respect on turnkey basis.
4. Job completion date

The work to be completed within 120 days from date of order.
5. Liquidated Damage

In the event of failure on the part of the contractor to complete entire work against the order to our full satisfaction within the specified period of completion, we may recover from the contractor as liquidated damages, a sum equivalent to ½% of contract value for each week or any part thereof default, but limited to a maximum of 5% of contract value. In case of any defect the contractor has to bear the cost of repairs within 1 year from date of handing over of the project.
6. 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.
7. 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.
8. Terms of payment
  - No advance will be given.
  - Part payment to be released according to the progress of work with 10% retention at each stage described in the scope of work which will be returned after 1 year of completion of the project.
  - Statutory deductions will be made as per rules.
9. Price Variation

The quoted price should remain firm during pendency of the contract.

10. The tenderers are requested to ensure Earnest Money Deposit along with the Tender in the following manner, which will be converted into Security Deposit for the successful bidder/s and will be released on completion of delivery.

EMD Amount ----- Rs.20000.00

EMD to be submitted by D.D.favouring Andrew Yule & Co. Ltd. A/C Rajgarh Tea Estate payable at Duliajan.

12. Decision for awarding contract/job is vested with the Management so as to reject.
13. Incomplete "Quotation/Offer" is liable to be rejected.
14. The offer must be valid for a minimum of 6 months from the date of E-Bidding.
15. All disputes are subject to Dibrugarh Jurisdiction only.

For Off line submission

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**Andrew Yule & Co.Ltd.**  
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**P.O. Rajgarh, Dist Dibrugarh, Assam – 786611**  
**Scope of Work, Technical specification and Schedule**  
**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**  
**Ref. Tender No.: RAJ/CAPEX/16-17/03**

- **Scope of work** – Supply, Erection, Installation and Commissioning of MV Electrical Panel Distribution Board complete in all respect on turnkey basis as per drawing no. RAJ/PEN/01, RAJ/PEN/02 & RAJ/PEN/03.

**A)**

Item No.	PARTICULARS OF WORK
01	Coordinating with Assam Power Development Corporation Ltd. for sanction of 86KW additional contractual Electrical Load
02	Resiting of existing 500 KVA outdoor type Step Down Transformer with its reinstallation following the electrical code of practice with release of power load, relevant Test report, Sub-station charging approval etc.
03	Supply of MV Electrical Distribution Panel with sheet metal not less than 2mm with APFC control panel as per drawing no. in accordance with schedule of items mentioned in the drawing. The panels should be rear accessible with hinged access door at the rear.
04	Laying / Re-Laying of the existing & newly supplied Electrical Cables in cable trenches
05	Realignment of Generator Sets, Control Panel, Cable Trench etc
05	Installation work shall cover assembly of panels line up, cable laying trenches with grouting the units by usage of ISI standard civil materials as per drawing
06	Earthing and insulation work for the MV Electrical Distribution Panel should be as ISI code of practice

**Schedule of job /materials :**

S.No.	Details of Works / Particulars	Specification	Qty.	Unit
1	Making & Fabrication of sheet steel outdoor type 500 KVA transformer board with protection canopy for water protection and cable entry box for both incoming and outgoing cables, suitable for fitting and connection of 1 no. 800 Amps. Switch fuse unit, 1 no. volt meter, 3 nos. indicator with MCB. Complete fitting & connection of all equipments, internal wiring, incoming & outgoing bus-bar fitting, connection and HI gloss automotive painting of ISI standard	Thickness of sheet not less than 2mm	1	Job
2	<b>Isolation switch :-</b>			
i	Isolation switch 800 A TPN with test certificate	L & T make	1	no.
ii	96 mm sq. Voltmeter (0-500 v) Flush Type	AE make	1	no.
iii	Voltmeter selector switch	L & T make	1	no.

iv	LED Type indicating lamp fitting (R,Y&B) with lamps	L & T make	3	nos.
v	MCB 6A single phase	L & T make	3	no.
vi	Sheet Steel fabricated cabinet for 800 A TPN	Thickness of sheet not less than 2mm	1	Set
<b>S.No.</b>	<b>Details of Works / Particulars</b>	<b>Specification</b>	<b>Qty.</b>	<b>Unit</b>
vii	Aluminium bus bar Suitable rating (800 & 400 Amps.) TP&N extended bus bars (Aluminium) both for incoming & outgoing side of the isolation switch to facilitate easy cable termination.	50mm X 5mm	1	Set
<b>3</b>	<b>Grid Receiving Panel:-</b>			
i	800 Amps. 4 pole Manually Draw out type Air Circuit Breaker (Micro process based) with W/V & E/F Relay & Micro Switch for common indication.	L & T make	1	no.
ii	3 Phase single phasing preventer	Minilec Make	1	no.
iii	Voltmeter with selector switch & control MCB (0-500V), 96 mm Sq. flush type	AE & L & T make	1	Set
iv	Ammeter with selector switch & 800/5A CTS (0-800A) 96mm Sq. Flush type	AE & L & T make	1	Set
v	LED type fuse fitting (R,Y,B) complete with lamps	L & T make	1	set (3 nos.)
vi	MCB 6A single phase for Control Circuit	L & T make	1	set (3 nos.)
vii	Aluminium bus bar (extended) to be provided both incoming & outgoing side of the ACB for cable termination 800 Amps. TP & N	50mm X 5mm	1	Set
<b>4</b>	<b>Capacitor Control Board (Auto Control):-</b>			
i	630 A switch fuse unit (FN630)	L & T make	1	no.
ii	Voltmeter with selector switch, 96mm Sq. (0-500 V) flush type	AE make	1	Set
iii	Ampere meter 96mm Sq. flush type (0-600A) with CTs & Selector Switch)	AE make	1	Set
iv	10A Auto/Manual selector switch	Kay Cee make	1	no.
v	6 /10A Auxilary contactor	L & T make	2	no.
vi	Electronic Timer	L & T/EAPL make	1	no.
vii	14 stage APFC Relay	L & T make	1	no.
viii	LED type indicating lamp (R-Y-B)	L & T make	1	Set

ix	6A TP MCB	L & T / ABB make	1	no.
<b>5</b>	<b>Capacitor (Outgoing)</b>			
i	Sheet Steel fabricated Panel for Capacitor.	Thickness of sheet not less than 2mm	1	Set
ii	50 KVAR Capacitor Bank:- 125A HRC Fuse base with fuses, 50 KVAR Capacitor Heavy duty contactor (EPCOS) 50 KVAR capacitor (Round type) start/stop push buttons, LED indicating Lamp (on).	EPCOS make	4	nos.
iii	25 KVA r Capacitor Bank :- 125 A HRC Fuse base with fuses, 25KVAR capacitor Heavy duty contactor (EPCOS) (Round type) start/stop push buttons, LED indicating lamp (on).	EPCOS make	3	nos.
iv	10 KVAR Capacitor Bank:- 32A Fuse base with fuses, 25 ATP contactors (Capacitor) Heavy duty (EPCOS) 25 KVAR capacitor unit start/stop push buttons, LED indicating Lamp (on).	EPCOS make	1	nos.
v	5 KVAR Capacitor Bank:- 32A Fuse base with fuses, 25 ATP contactors (Capacitor) Heavy duty (EPCOS) 25 KVAR capacitor unit start/stop push buttons, LED indicating Lamp (on).	EPCOS make	1	nos.
vi	15 KVAR Capacitor Bank (Direct) complete with 63 A TP MCB.	EPCOS make	1	no.
<b>6</b>	<b>Selector cum distribution panel</b>			
	<b>BUS - A (INCOMING)</b>			
i	630 AMPS TPN Switch Fuse Unit ( FN 630)	L & T make	3	Nos.
ii	400 AMPS TPN Switch Fuse Unit ( FN 400)	L & T make	1	No.
iii	Volt meter 0-500 volt range (96 sq.mm flush) with selector switch	AE make	1	Set.
iv	0-600 AMPS Ammeter (96mm.sq flush type) with selector switch with CTs.	AE make	3	Nos.
v	0-400 AMPS Ammeter (96mm.sq flush type) with selector switch with CTs.	AE make	1	No.
vi	LED type indicating lamp fitting R-Y-B complete with Lamp	L & T make	3	Nos.
vii	6 AMPS Single Phase MCB for protection of Volt meter & indicating Lamp	L & T make	3	Nos.

viii	Castle lock (type A) 4 nos with 1 key & a spare for mechanical interlocking of incoming switches	ISI Mark	1	Set.
ix	600 AMPS TPN Aluminium Bus-bar complete with connecting links for incoming & outgoing feeder switches.	ISI Mark	1	Set.
	<b>BUS - A OUTGOING</b>			
x	250 AMPS TPN switch fuse unit ( FN 250)	L & T make	2	Nos.
xi	200 AMPS TPN switch fuse unit ( FN 200)	L & T make	1	Nos.
xii	160 AMPS TPN switch fuse unit ( FN 160)	L & T make	1	No.
xiii	125 AMPS TPN switch fuse unit ( FN 125)	L & T make	1	No.
xiv	100 AMPS TPN switch fuse unit ( FN 100)	L & T make	1	No.
xv	400 AMPS TPN switch fuse unit ( FN 400)	L & T make	1	No.
xvi	Ammeter 0-250 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	2	Sets.
xvii	Ammeter 0-200 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	1	Sets.
xviii	Ammeter 0-400 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	2	Set.
xix	Ammeter 0-150 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	1	Set
<b>7</b>	<b>BUS - B INCOMMING</b>			
i	630 AMPS TPN Switch Fuse Unit ( FN 630)	L & T make	3	Nos.
ii	400 AMPS TPN Switch Fuse Unit ( FN 400)	L & T make	1	No.
iii	Volt meter 0-500 volt range (96mm.sq. flush) with selector switch	AE make	1	Set.
iv	0-600 AMPS Ammeter (96mm.sq. flush type) with CTs & selector switch	AE make	3	Set
v	0-400 AMPS Ammeter (96mm.sq. flush type) with selector switch with CTs.	AE make	1	Set
vi	LED type indicating lamp fitting R-Y-B complete with Lamps	L & T make	3	Nos.
vii	6 AMPS Single Phase MCB for protection of Volt meter & indicating Lamps	L & T make	3	Nos.
viii	Castle lock (type B) 4 nos with 1 key a spare for interlocking of incomming switches.	ISI Mark	1	Set.
ix	600 AMPS TPN Aluminium Bus-bar complete with connecting links for incomming & outgoing feeder switches.	ISI Mark	1	Set.
	<b>BUS - B OUTGOING</b>			
x	250 AMPS TPN switch fuse unit ( FN 250)	L & T make	2	Nos.
xi	200 AMPS TPN switch fuse unit ( FN 200)	L & T make	1	Nos.
xii	160 AMPS TPN switch fuse unit ( FN 160)	L & T make	1	No.
xiii	125 AMPS TPN switch fuse unit ( FN 125)	L & T make	1	No.



xiv	100 AMPS TPN switch fuse unit ( FN 100)	L & T make	1	No.
xv	Ammeter 0-250 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	2	Sets.
xvi	Ammeter 0-200 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	2	Sets.
xvii	Ammeter 0-150 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	1	Set
xviii	Switch Fuse Unit 400A TPN (FN 400)	L & T make	1	No.
xix	Ammeter 0-400 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	1	Set.
<b>8</b>	<b>BUS- C DOMESTIC/LIGHTING</b>			
i	HRC Fuse Base (Type HB -250)250 A , Single pole , suitable for 250/200/125 A HRC fuse.	L & T make	3(9nos.)	Set
ii	300 A, 4 ploe, 4 position Rotary change over switch	KAY- CEE	1	No.
iii	200 A capacity ( current carrying ) PVC insulated multistand copper wire for connecting C/O switch with fuse base of individual sources.	ISI Mark	1	Lot
iv	250 TPN switch fuse ( FN 250)unit.	L & T make	2	nos.
v	Volt meter 0-500 with selector switch - one for grid & one for captive , 96 mm.sq	AE make	2	Sets.
vi	Ammeter 0-250 A with CTs & Selector switch 96 mm sq., Flush Type	AE make	2	Sets.
vii	6 AMPS Single Phase MCB for protection of Volt meter.	L & T make	2	Sets.
viii	LED Type indicating Lamp fitting R-Y-B 2 AMPS single pole MCB to indicate live BUS	L & T make	1	Set ( 3 Nos.)
ix	250 A, TPN Aluminium BUS bar to facilitate feeder connection	ISI Mark	1	Set
X	Castle lock (type C) 2 nos with 1 key a spare for mechanical interlocking between grid & generator source of supply switch.	ISI Mark	1	Set
xi	125 A TPN Switch fuse unit ( FN 125)	L & T make	2	Nos.
xii	100 A TPN Switch fuse unit ( FN 100)	L & T make	1	Nos.
<b>9</b>	<b>Cables : For connecting Transformer, 250 KVA &amp; 125 KVA Generators</b>			
i	3.5 core X 400 Sq.mm armoured Cable	XLPE	60	Mtr.
ii	3.5 core X 300 Sq.mm armoured Cable	XLPE	8	Mtr.
iii	3.5 core X 240 Sq.mm armoured Cable	XLPE	25	Mtr.
iv	3.5 core X 150 Sq.mm armoured Cable	XLPE	35	Mtr.

v	3.5 core X 120 Sq.mm armoured Cable	XLPE	65	Mtr.
vi	3.5 core X 95 Sq.mm armoured Cable	XLPE	15	Mtr.
10	Lug, Cable gland socket, Clamp, Nut & Bolt, earthing pipe, earthing strip etc. including all required hardware goods	ISI Mark	LS	

**For online submission**

**Annexure – V**

**RAJGARH TEA ESTATE  
Andrew Yule & Co.Ltd.  
(A Government of India Enterprise)  
P.O. Rajgarh, Dist Dibrugarh, Assam – 786611**

**Ref. E-Tender No.: AYCL/TEA DIVISION/14/16-17/ET/117**

**Ref. Tender No.: RAJ/CAPEX/16-17/03**

**Garden : Rajgarh Tea Estate, Assam**  
**Item : Supply, Erection, Installation and Commissioning of Electrical Panel  
Distribution Board in the Power House of the factory**

<b>S.No</b>	<b>Basic Cost for Supply, Erection, Installation and Commissioning of MV Electrical Panel Distribution Board as mentioned Annexure-IV in Rs</b>	<b>Applicable Taxes in Rs</b>	<b>Total Contract Price in Rs.</b>