

ANDREW YULE & CO. LTD.
(A Government of India Enterprise)
BANARHAT TEA ESTATE
P.O. Banarhat, Dist Jalpaiguri, West Bengal – 735 202

NOTICE INVITING TENDERS

Manager, Banarhat 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 and Commissioning of Main Electrical Distribution Board in Connection to the Enhancement of Load.** 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 or 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.	TENDER NO.	BN/CAPITAL/17-18/01 Dated. : 07/02/2018
2.	MODE OF TENDER	e-Procurement System Online submission of Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/aycl The intending bidders are required to submit their offer electronically through this e-tendering portal. No physical tender is acceptable by AYCL/MSTC
3.	E-Tender No. / Event No.	AYCL/TEA DIVISION/164/17-18/ET/399
4.	Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal	17/02/2018
5.	Date of availability of NIT to the Vendors for downloading	17/02/2018
6.	Earnest Money and other document	<input type="checkbox"/> "Earnest Money Deposit" of Rs.20000 (Rupees fifty thousand only) may be paid by D.D. favouring Andrew Yule &Co Ltd. A/c Banarhat Tea Estate payable at Banarhat/Siliguri. <input type="checkbox"/> Other document as described in Annexure – I, Sl. No. 2

7.	Last date of submission of EMD & other documents to Manager, Banarhat Tea Estate with an email confirmation to Chief General Manager, Tea Division at kaustuv.roy@andrewyule.com	05/03/2018
8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid at www.mstcecommerce.com/eprochome/aycl	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 www.mstcecommerce.com/eprochome/aycl	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.

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**BANARHAT TEA ESTATE
Andrew Yule & Co. Ltd.
(A Government of India Enterprise)
P.O Banrahat, Dist Jalpaiguri – 735202**

Important Instructions for E-procurement

Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399

Ref. Tender No.: BN/CAPITAL/17-18/01

This is an e-procurement event of Banarhat Tea Estate, Banarhat, West Bengal of *ANDREW YULE & COMPANY 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

- 1) **Vendors are required to register themselves online with 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. T. Ganguly
Manager,
Banarhat Tea Estate, Banarhat.
Tel. No: 03563-252004.
Email: yule.banarhat@gmail.com**

Contact person (E-Commerce, MSTC Ltd):

1. Mr. Arindam Bhattacharjee
MobileNo: 09330102643
Email: arindam@mstcindia.co.in

2) Mr. Sabyasachi Mukherjee
Mobile- 07278030407
Email:smukherjee@mstcindia.co.in

3. Ms Sumona Maity
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 OpJons → custom level (Please run IE settings from the page www.mstcecommerce.com once)

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

Within specified Date & time the vendor must submit the following documents to Manager, Banarhat Tea Estate, P.O. Banarhat, Dist – Jalpaiguri, West Bengal 735 202. Off-line.

- Earnest Money of Rs. 20000 (Rupees twenty thousand only) by Demand Draft favouring Andrew Yule & Co. Ltd. A/C Banarhat Tea Estate, Payable at Banarhat/Siliguri.
- 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 Banarhat Tea Estate, Banarhat, West Bengal 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 Banarhat 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 Banarhat Tea Estate will be short listed by Manager, Banarhat Tea Estate and those qualified bidders can only submit their Techno Commercial Bids and Price Bid through internet in MSTC website 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 BANARHAT 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 / Banarhat Tea Estate has 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 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 of MSTC Ltd. to familiarize them with the system before bidding.

BANARHAT TEA ESTATE
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P.O Banrahat, Dist Jalpaiguri – 735202

Notice Inviting Tender:
Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399
Ref. Tender No.: BN/CAPITAL/17-18/01

Manager, Banarhat Tea Estate on behalf of Andrew Yule & Co. Ltd., Tea Division, invited tender from reputed Electrical Contractors/Firm **for Supply, Erection and Commissioning of Main Electrical Distribution Board in Connection to the Enhancement of Load at Banarhat 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, our service provider.
- c) Submit the following document to Banarhat Tea Estate, Banarhat, Jalpaiguri - West Bengal within 17 days from the date of publication of advertisement, off line -
- General Information Sheet (Annexure III) complete in all respect duly signed and stamped.
 - Earnest money of Rs.20000 by Demand Draft favouring Andrew Yule & Co. Ltd. A/C Banarhat Tea Estate payable at Banarhat/Siliguri.
 - Commercial Terms & Conditions Sheet (Annexure IV), 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. / Banarhat Tea Estate.

- The bidder should have minimum 4 years of experience in fabrication/erection commissioning of Electrical Panel Distribution Board for distribution of Power not less than 500 KVA with the valid Electrical Licence and holding authority to deal with Andrew Yule & Co. Ltd./ Banarhat Tea Estate. This should be supported by appropriate documentary evidence.
- The bidder shall be a registered Company and posses valid sales tax / service tax registration certificates.
- The Bidder should be having minimum 3 years of experience of Electrical Contracts. This should be supported by appropriate documentary evidence.
- The Bidder shall posses valid PAN / GST registration certificates.
- The Bidder should have own local support office presence for the locations namely Siliguri / Kolkata, West Bengal and should be able to provide support as and when required.

BANARHAT TEA ESTATE
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Annexure-III

General Information

Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399

Ref. Tender No.: BN/CAPITAL/17-18/01

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. Particulars of Company

1.1	Name of the Company		
1.2	Nature of Buisness		
1.3	Full Address		
1.4	Phone no.		
1.5	Fax no.		
1.6	Email i.d.		

2. Details of Certificate

SI No.	Particulars	Registration No.	Remarks
1.	Income Tax		Copy of Registration Certificate / PAN Card to be attached
2.	GST		Copy of Registration Certificate to be attached
3.	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 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) / Banarhat 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 :

BANARHAT TEA ESTATE
Andrew Yule & Co. Ltd.
(A Government of India Enterprise)
P.O Banrahat, Dist Jalpaiguri – 735202

General Terms & Conditions

Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399

Ref. Tender No.: BN/CAPITAL/17-18/01

1. Scope of Work
 - Contract for Supply, Erection and Commissioning of Main Electrical Distribution Board in Connection to the Enhancement of Load in all respect on turnkey basis at Banarhat Factory at Banarhat T.E. as per specification complete in all respect.
2. Location of Site
 - Factory Premises of Banarhat Tea Estate, P.O. Banarhat, Dist. Jalpaiguri, West Bengal
3. Requirement
 - Contract for Supply, Erection and Commissioning of Main Electrical Distribution Board in Connection to the Enhancement of Load in all respect on turnkey basis
4. Job completion date

The work has to be completed within 90 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 Banarhat Tea Estate payable at Banarhat/Siliguri.

11. Decision for awarding contract/job is vested with the Management so as to reject.
12. Incomplete "Quotation/Offer" is liable to be rejected.
13. The offer must be valid for a minimum of 6 months from the date of E-Bidding.
14. The Quotations must include packing and delivery charges at the Garden and no collection of stores will be made from your go down.
15. Replacement of the defective/substandard material/job has to be made good within 15 days.
16. Management reserves the right of pre-delivery inspection.
17. All disputes are subject to Jalpaiguri Jurisdiction only.

I have read the tender papers & have understood the detailed process.

I agree to all the terms & conditions mentioned above.

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date :

For Off line submission

BANARHAT TEA ESTATE
Andrew Yule & Co. Ltd.
(A Government of India Enterprise)
P.O Banrahat, Dist Jalpaiguri – 735202

Scope of Work, Technical specification and requirement

Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399

Ref. Tender No.: BN/CAPITAL/17-18/01

A) **Scope of Work:-** Contract for Supply, Erection and Commissioning of Main Electrical Distribution Board in connection to the Electrical Enhancement of Load.

B) **Technical Specifications and Requirement.**

S.No.	Description of Work/Particulars	Qty	Unit
1	<u>Supply & fixing of 3 Panel H.T 11 KV VCB Panel</u>		
	Supply & fixing of 3 Panel H.T 11 KV VCB Panel (make Electrotecnica / Bicco Lowrie / eqv)having incomer 400 Amp 3 ph VCB unit 2 Nos 200 Amp 3 ph VCB unit as 2 Nos outgoing feeders to 2 Nos 500 KVA Transformers complete with all accessories like Motors CTs indicating Lamps ,Protected Relays Auxiliary Contactors etc , as required . Panel section will be complete with all internal wiring , connections & terminations including painting	ONE	SET
2	<u>L.T. Grid receiving Panel for the Transformer</u>		
	Floor mounted cubicle Design M.S Built Grid Receiving Panel comprising of:-		
	1000 Amp 4 pole Manually Draw out type Air Circuit –Breaker make L&T type CN complete with over current & short circuit release in built current Transformers Auxiliary contacts with the followings materials.	1	Nos.
	Volt meter Range 0 – 500 Volt with volt selector switch	1	Nos.
	Ammeter Range 0 – 1000 Amp with Ammeter selector switch	1	Nos.
	3 Ph 4 wire KWH Meter CT operated type L&T make type –EM 301	3	Nos.
	Phase indicating Lamps	3	Nos.
	Phase failure Relay (make Minilec)	1	Nos.
	Current Transformer VA – 15 Class -1 CTR -1000 /5	6	Nos.
	Control fuse	1	Nos.
	1250 Amp rated TPN Aluminum Bus	1	Nos.
	The Board complete with all internal wiring , connection , and termination including painting	1	Nos.

3	<u>Selector cum Distribution Control Board</u>		
	Floor mounted cubicle & compartmentalized selector cum Distribution control Panel made out of M.S sheet steel enclosure , Dust & vermin proof complete with all followings :-		
	800 Amp TPN fuse switch unit (make L&T type – FN 800) complete with 800 Amp TP HRC fuse links for controlling 800 KVA Transformer sources .	2	Nos.
	630 Amp TPN fuse switch units L&T make type FN 630) complete with 630 Amp HRC links for controlling incoming supply from 365 & 320 KVA DG set.	2	Nos.
	400 Amp TPN fuse switch unit as above for controlling incoming supply from 125 KVA DG set .	1	Nos.
	(All the above 5 Nos. switches are interlocked each other so as to operate one switch at a time.)		
	1000 Amp rated TPN Aluminum Bus bar section fault Level – 31 MVA	1	Set
	Ammeters Range (0 – 800 Amp) -- 2 ,(0–600 Amp)–2 Nos & (0–400 Amp) -- 1 No	5	Nos.
	Ammeter selector Switch	5	Nos.
	Volt meter Range 0 – 500 V	1	Nos.
	Volt meter selector switch	1	Nos.
	Phase indicating Lamps for 5 Nos incomer	15	Nos.
	Control fuse	18	Nos.
	Current Transformers VA – 15 class – 1	15	Nos.
	CTR - 800 / 5	6	Nos.
	CTR – 600 /5	6	Nos.
	CTR 400 /5	3	Nos.
	315 Amp TPN fuse switch unit as above with 315 Amp HRC links for controlling outgoing feeders to CTC -- 3 & CTC – 4	2	Nos.
	250 Amp TPN fuse switch unit as above with 200 Amp HRC links for controlling outgoing feeders to w/ TR – 2 section .	2	Nos.
	200 Amp T.P.N fuse switch units for controlling CFM 2 , pump No – 2 & others (spares) each complete with 3 Nos 200 Amp H.R.C links.	5	Nos.
	The Board will be complete with all internal wiring , connections & terminations including painting .	1	No.
4	<u>H.T. / L.T Cables</u>		
i	185 Sq x 3 core 11 KV grade XLPE Cable for connecting 3 Panel VCB unit from AVR unit	60	mtr
ii	150 Sqm X 3 core 11 KV grade XLPE Cable for connecting 2 Nos Transformers (H.T side from 3 panel VCB Panel Board .	70	mtr
iii	400 Sqm X 3 core 11 KV grade PVC Armoured Aluminum conductor Cable from new 500 KVA Transformer (L.T side) to new Grid receiving Panel & Grid Panel to selector Panel.	350	mtr

iv	185 Sqm X3.5 core 1.1 KV grade PVC Armoured Aluminum conductor Cable for various inter connection to switching the feeders from old panel to new panel Board & connection 125 KVA DG set Panel to 400 Amp F.S unit in the Panel.	115	mtr
v	240 Sqm X 3 core P.V.C Armoured Aluminum conductor Cable for connecting 800 Amp fuse switch units incoming for 365 & 320 KVA D.G set Panels.	80	mtr
vi	2.5 sqm X 3 core PVC Armoured Copper conductor Cable for connecting single CT of APFC Relay & Transformer protection circuits .	60	mtr
vii	95 Sqm 3.5 core P.V.C Armoured Aluminum conductor Cable	30	mtr
NOTE:	Cable length considered above is provisional & subject to variation at the time of actual execution of the work depending on site conditions.		
<u>5</u>	<u>Cable Jointing Materials for termination of H.T / L.T Cables</u>		
i.	185 Sqm X 3 core 11 KV Joints (XLPE Cable)	4	Nos.
ii.	150 Sqm X 3 core 11 KV H.T. joint (XLPE Cable)	4	Nos.
iii.	H.T Cable protection pipe, M.S Ladder , necessary for H.T. Cable.	1	Lot.
iv	400 sqm X 3.5 core Cable termination	18	Nos.
v.	240 Sqm X 3.5 core Cable termination	8	Nos.
vi.	185 Sqm X 3.5 core Cable termination .	10	Nos.
vii.	2.5 Sqm X 3 core Cable termination.	6	Nos.
viii.	185Sqm 3.5 Core Straight through by M.Seal kits.	4	Nos.
<u>6</u>	<u>Cable Trays</u>		
i	300 mm wide perforated type 2.5 mtr Long Cable trays	40	mtr
ii	400 mm wide perforated type 2.5 mtr –Long Cable	60	mtr
iii	Tray fixing bracket to be fabricated by 40 mm X 40 mm X 6 mm Angles & 25mm X 6 mm flats	80	mtr
<u>7</u>	<u>Earthing</u>		
i.	a) Preparation of Earth station by 65 mm dia Class B , 3.5 mtr long perforated G.I.Pipe electrode with C.I. inspection cover all as per IS 3043 (4 Nos earth for Body & Neutral earthing of 500 KVA Transformer & 2 Nos for Body earthing of H.T. 3 Panel VCB unit & 2 Nos for L.T Panel Board	8	Nos.
ii.	Providing & Drawing of 50 mm X 6 mm G.I Flats for connecting body earthing of Transformer. H.T VCB unit & L.T selector cum Distribution Panel Boards	150	mtr
iii.	Providing & drawing 65 mm X 6 mm G.I Flats for Neutral earthing of 500 KVA Transformer with PVC sleeping .	50	mtr
<u>8</u>	<u>Preparation of Drawing & Approval</u>		
	Necessary testing of H.T Equipments (3 panel VCB & Transformer) H.T. Cables etc to be conducted by Govt Authorized testing teams & obtaining N.O.C from Electrical Inspector after his visit & inspection		L.S.

	at site etc as required .		
A.	Dismantling of existing 95 Sqm X 3.core H.T XLPE Cable from H.T AVAR unit to existing 500 KVA Transformer and Neutral of the Cable .	1	Lot
B.	Dismantling of outgoing feeders from old Distribution Boards and shifting to new Panel Board with reconnection as required.	1	Lot

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date :

For online submission

Annexure – V

**BANARHAT TEA ESTATE
Andrew Yule & Co. Ltd.
(A Government of India Enterprise)
P.O Banrahat, Dist Jalpaiguri – 735202**

Ref. E-Tender No.: AYCL/TEA DIVISION/164/17-18/ET/399

Ref. Tender No.: BN/CAPITAL/17-18/01

Garden : Banarhat Tea Estate, West Bengal
**Item : Supply, Erection and Commissioning of Main Electrical
Distribution Board in Connection to the Enhancement of Load.**

S.No.	Basic Cost of Supply, Erection and Commissioning of Main Electrical Distribution Board in connection to the Enhancement of Load as mentioned Annexure iv in Rs	Applicable GST in Rs	Total Contract Price in Rs