

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
BRENTFORD UNIT, Electrical Division
P-25, TRANSPORT DEPOT ROAD
KOLKATA 700 088

TENDER DOCUMENTS FOR TRANSFORMER OIL

ANDREW YULE & CO. LTD. invites e-Tender under single stage two part system **(Part I: Techno-Commercial Bid and Part II: Price Bid)** from bona fide and reputed **Company/Firm** for supply, the details of which are available in Annexure-III **"Scope of Work / Technical Specification"** as specified in this tender document.

Tender document may be downloaded from MSTC website www.mstcecommerce.com/eprochome/aycl. Corrigenda or clarifications, if any, shall be hosted on the above mentioned websites only.

AYCL reserves the right to accept or reject any tender.

Brief Description :-

- I) EHV GRADE TRANSFORMER OIL CONFIRMING TO IS 335/1993 (WITH LATEST AMENDMENTS) in barrels for 33 KV operation

Approximate Quantity : 180 KL supplied In **BARRELS**

- II) EHV GRADE TRANSFORMER OIL CONFIRMING TO IS 335/1993 (WITH LATEST AMENDMENTS) in tanker for 33 KV operation

Approximate Quantity : 80 KL supplied In **TANKER**

- III) Uninhibited TRANSFORMER OIL CONFIRMING TO IEC 60296/2012 (WITH LATEST AMENDMENTS) as per specification sheets (Annexure I) in barrels.

Approximate Quantity : 5 KL supplied In **Barrel**

PLEASE CONFIRM THAT " Polychlorinated biphenyles is not used in the Oil as it is banned by Ministry of Environment".

The quantity mentioned in the Tender is our approximate requirement from 01.01.2017 up to 30.06.2017

The quantities mentioned are indicative only and the order will be released to you from time to time during the contract period based on our actual requirement. You shall have to make supplies accordingly in phased manner.

Andrew Yule reserves the right to increase the tender quantity by 30 %.

Price quoted should be FOR destination.

Schedule of Tender

1.	TENDER NO.	AY/BU/PU/106/TRF OIL/16-17/ET Dated : 24.11.2016
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/Electrical Division -KO/74/16-17/ET/163
4.	Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal	26.11.2016
5.	Date of availability of NIT to the Vendors for downloading	26.11.2016
6.	Earnest Money Deposit	<ul style="list-style-type: none"> • “Earnest Money Deposit” of Rs.50,000 (Rupees Fifty Thousands only) should be paid through RTGS / NEFT . • Other document as described in Annexure I, Sl. No.2
7.	Last date of submission of EMD & other documents to AYCL Ltd.	10.12.2016 - 3.00 PM
8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid at www.mstcecommerce.com/eprochome/aycl	26.11.2016 -, 9.00 AM
9.	Date of closing of Online e-tender for submission of Techno-Commercial Bid & Price Bid at www.mstcecommerce.com/eprochome/aycl	10.12.2016 – 3.00 PM
10.	Date & time of opening of Part-I (Techno-Commercial Bid)	10.12.2016 – 4.00 PM
11.	Date & time of opening of Part-II (Price Bid)	To be intimated to the eligible vendor .

List of Annexure

Important Instructions for E-procurement -	Annexure-I
General Information -	Annexure-II
Online Techno commercial terms -	Annexure-III
General Terms& Conditions -	Annexure-IV
Price Sheet -	Annexure-V
General Technical spec. -	Annexure –VI
IEEMA price variation clause -	Annexure -VII

Annexure-I

Important Instructions for E-procurement

This is an e-procurement event of ANDREW YULE & COMPANY LTD

You are requested to read the Terms & Conditions (Annexure- II,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 (, ANDREW YULE & COMPANY LTD):

1. Mr. GAUTAM BANDYOPADHYAY

Manager (Purchase)

Ph. No: (033) 6550-0348

Email: gautam.bandyopadhyay@andrewyule.com

Contact person (E-Commerce, MSTC Ltd):

1. Mr. Arindam Bhattacharjee

Deputy. Manager (E-commerce)

Mobile No: 09330102643

Email: arindam@mstcindia.co.in

2) Mr. Sabyasachi Mukherjee

Assistant Manager (E-commerce)

Mobile- 07278030407

Email: smukherjee@mstcindia.co.in

Landline: (033) 22901004

3. Ms Sumona Maity

Management Trainee (E-Commerce)

Mobile-09831155225

Email: smaity@mstcindia.co.in

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 once)
- 2. Part-I: Submission of EMD & other Documents:**
Within specified Date & time the vendor must UPLOAD the following documents at www.mstcecommerce.com/eprochome/aycl
- Earnest Money of Rs.50,000.00 (Rupees Fifty thousand only) favouring Andrew Yule & Co. Ltd. Payment should be made through RTGS/NEFT and the UTR details should be uploaded. If the EMD exemption is sought the necessary documents (MSME certificate/turnover details) should be uploaded

- **Tender fees of Rs. 500.00 (Rupees five hundred only) should be made through RTGS/NEFT and the UTR details should be uploaded.**
- **General information, under Annexure-II complete in all respect along with desired document.**
- **Acceptance of Techno-Commercial Terms for Transformer Oil, under Annexure-III along with desired information/Data under Annexure-II(A).**

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

Bidding in e-Tender:

- a. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by ANDREW YULE & COMPANY LTD. EMD to be paid along with the Document within 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 above fees and submitted documents to Andrew Yule will be short listed by Andre Yule 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 en Apple 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 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 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.

**ANDREW YULE & COMPANY LIMITED
Brentford Unit, Electrical Division-Kolkata**

General Information

Ref. Tender No.: AY/BU/PU/106/TRF OIL/16-17/ET

(This document should be dully filled up and attached along with EMD)

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 License No.
**(Please attach a photo
copy of the license) :**
5. Banker's Details
(a) Name of the Bank :

(b) Name of the Branch :

(c) Account No.

(d) IFSC Code :

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 (2014-2015)

(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. (Electrical Division) & have the sole discretion to reject or accept my/our candidature.

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date ;

List of Enclosures :

- Trade License
- A copy of Banker's Certificate

Annexure II (A)

The following documents are to be uploaded online at
www.mstcecommerce.com/eprochome/aycl

1. EMD Rs:50000/= * by RTGS / NEFT.
*Bidder may request for exemption from submitting EMD (Refer details given in SI No 1 of Annexure-IV, General terms & condition).
2. Tender fees of Rs: 500 /= by RTGS/NEFT
3. Vendor form as per Annexure – II (See **Note)
4. Customer List. [See ** Note]
5. Copy of valid ISO 9001 - 2008 edition certificate.
6. Balance sheets and P&L Account. (2012-2013, 2013-2014 & 2014-2015). [See ** Note]
7. Copies of purchase orders & Performance Certificate from at least three reputed transformers manufacturers for having supplied Transformer Oil for transformers for 11/33 KV rating during the year 2014-2015. Offers received without copies of performance certificate will be rejected. [See ** Note]
8. Copy of the certificate for having tested your Oil as per IS 335/1993 at CPRI / ERDA.
9. Copy of BIS Certificate for the Product

[Note]** : Those bidders who had participated and qualified in our earlier tender or bidders in AYCL-Kolkata approved vendor list need not submit the documents.

Our Bank details for making RTGS payment.

Bank Name and Address	IDBI BANK SIDDHA POINT, GROUND FLOOR. 101, PARK STREET KOLKATA – 700 016
IFSC Code	IBKL0000012
Account No	012103000000718
Account Name	ANDREW YULE & COMPANY LIMITED

TECHNO-COMMERCIAL TERMS FOR TRANSFORMER OIL
(**To be filled online in mstc portal**).

SL NO	TERMS & CONDITIONS	VENDOR RESPONSE
1.0	<p>REQUIREMENT</p> <p><i>E-Tender offers are invited for supply of TRANSFORMER OIL for Transformer on Rate Contract basis, TO BE SUPPLIED as per specifications..</i></p> <p><i>The quantity mentioned in the Tender is our approximate requirement up to 30.06.2017. Actual quantity shall be mentioned in the purchase order. You have to supply the transformer oil throughout the contract period according to the orders placed to you from time to time during the contract period and as per the following details mentioned below.</i></p> <p><i>Offers are subjected to rejection, in case of any ambiguity or omission of any point. The company reserves the right to accept or reject any or all the tenders or to waive any informality, minor deviation or omission or based on their past performance without assigning any reasons whatsoever.</i></p> <p><i>In case of any dispute relating to this contract, the decision of AYCL Management shall be binding and final.</i></p> <p><i>Andrew Yule reserves the right to increase the tender quantity by 30%.</i></p>	AGREE
2 a	<p>Item No 1:</p> <p>EHV GRADE TRANSFORMER OIL SHOULD CONFIRM TO IS 335/1993 (WITH LATEST AMENDMENTS). To be supplied in BARRELS</p>	AGREE
2 b	<p>Item No 2:</p> <p>EHV GRADE TRANSFORMER OIL SHOULD CONFIRM TO IS 335/1993 (WITH LATEST AMENDMENTS) To be supplied in TANKER.</p>	AGREE
2c	<p>Item No 3:</p> <p>Uninhibited TRANSFORMER OIL SHOULD CONFIRM TO IEC 60296/2012 (WITH LATEST AMENDMENTS).as per specification sheets (Annexure</p>	AGREE

	I) To be supplied in BARRELS.	
3	PRICE BASIS The price quoted above should be for free delivery at our KOLKATA works of Andrew Yule as given below: (inclusive of Packing, Forwarding, insurance & unloading etc.)	AGREE
4	START DATE FOR RATE CONTRACT : EFFECTIVE DATE FOR START OF RATE CONTRACT : 01/01/2017	AGREE
5	Validity of offer: Your offer should be valid for acceptance for a period of 90 days from the date of opening of techno-commercial bid.	AGREE
6	Validity of price : The price quoted should be valid for orders placed up to 30.06.2017 with PVC.	AGREE
7	QUANTITY VARIATION: Andrew Yule reserves the right to increase the tender quantity by 30 %.	AGREE
8	Delivery Lead Time : The transformer oil should be delivered within a maximum of 7 to 10 days from the date of issue of purchase order / LC and as per the delivery schedule mentioned in our purchase orders. Please mention your delivery lead time.	REMARKS
9	Minimum Delivery Quantity : Andrew Yule prefers minimum delivery of 20 to 30 barrels per consignment. Kindly provide your minimum delivery quantity in Drums.	REMARKS
10	Supply in Drums: Please indicate the quantity of oil supplied in Litres per drum	REMARKS
11	Supply in Tanker: Please indicate the minimum quantity of oil supplied per tanker. Our requirement is around 20 KI / tanker.	REMARKS
12	Packing: Packing should be done properly to avoid any transit damage. Supply will be made in Non-Returnable new Drums.	AGREE
13	Delivery & Destination: You have to deliver as per our requirement in phased manner throughout the contract period against orders placed on you from time to time as per our requirement. The grade, quantity and delivery schedule will be informed to you vide purchase order and you have to effect supplies accordingly . a) ANDREW YULE & COMPANY LIMITED BRENTFORD UNIT, (Electrical Division) P-25, TRANSPORT DEPOT ROAD. KOLKATA 700 088 b) ANDREW YULE & COMPANY LIMITED 14, MAYURBHUNJ ROAD, (Electrical	AGREE

	Division) KOLKATA -700 023	
14	<p>Distribution of Tender quantity among all the qualified bidders. Distribution of Tender quantity among all the qualified bidders. Negotiated landed L1 price will be counter-offered to other bidders whose price bid was opened. The tender quantity will be split among bidders who will match the negotiated landed L-1 price as per the discretion of the management which is as follows.</p> <p>a) The order quantity is to be placed on all the vendors, who have agreed to match the Negotiated landed L1 price & Terms, provided preference will be given to original L-1 which will be more than 50% considering his technical and commercial ability and the remaining quantity will be procured from L-2, L-3 etc bidders. where preference will be given to L-2 considering the original value. The quantity for L2 who has matched the negotiated landed L-1 price will depend upon his Technical & Commercial ability and should not be more than 30% of the total quantity. Balance will go to L3 and other Vendors following same principle.</p> <p>If none of the other bidders whose price bids have been opened agree to match the negotiated L-1 price, Andrew Yule reserves the right to order the entire Tender quantity on the L-1 bidder.</p>	AGREE
15	Test Certificate: Test Certificate to be submitted along with your Challan.	AGREE
16	CONDITIONS FOR SUPPLY: Transformer oil should be supplied as per our specification given in Annexure VI and will be inspected as per our inspection plan no. QAP 001 Rev.0	AGREE
17	OWN REFINERY : You should have own refinery for processing TOBS.	AGREE
18	<p>Inspection / Testing: Initial inspection should be done at your works before despatch and report submitted. Oil supplied should withstand all parameters as per IS 335/1993 (with latest amendments) standard and IEC IEC 60296/2012 (WITH LATEST AMENDMENTS) including BDV, however final inspection and acceptance shall be done at AYCL's factory. Oil when taken from the tanker should withstand all tests confirming to IS 335/1993 (with latest</p>	AGREE

	amendments) and including BDV test. On receipt of material Test can be done at our works or through CPRI / ERDA (at our cost). In no case deviation from IS or IEC standard shall be accepted.	
19	Guarantee: Materials should be guaranteed for manufacturing defects, poor workmanship and defective raw materials for a minimum period of 18 months after delivery or 12 months after commissioning, whichever is earlier. During this period if the product is found to be defective due to any of the above reasons, you shall undertake to repair / replace the same FREE of COST.	AGREE
20	Risk purchase clause: The company reserve the right to impose risk purchase clause as " For delay in execution / supply we shall have every right to do the same through some other agency/s which shall deemed fit and the additional cost of the same (Incidental/Consequential) shall be to your account which with respect to our intimation or observation whatsoever. Please confirm acceptance.	AGREE
21	Security Deposit - The EMD amount of the successful Bidder will be retained as security deposit towards the execution of the order and the same will be released after completion of order. Please confirm acceptance.	AGREE
22	Liquidated damage - If the delivery is delayed beyond the date of scheduled date of despatch in the purchase order, penalty will be levied @ 1/2% per week subject to a maximum of 5% . Please confirm acceptance.	AGREE
23	Legal condition: Any contract entered against this tender will be as per the following legal condition- "It is recorded that this purchase order / contract / agreement is executed and concluded by and between the parties hereto at premises P-25, TRANSPORT DEPOT ROAD, KOLKATA 700 088 and 14, MAYURBHANJ ROAD, (Electrical Division) KOLKATA-700 023 and in the event any dispute arises out of this agreement between the parties only the appropriate Civil Court in the City of Kolkata shall have the exclusive jurisdiction to entertain, try and determine the said proceedings in exclusion of all other courts.	AGREE
24	PV Clause : Prices shall be variable as per IEEMA 'S PV Cir No. IEEMA /PVC/ TR-OIL / 2011 , effective from 1 ST. JULY 2011. The Base price reference as per IEEMA circular shall be applicable on the 1st	AGREE

	working day of November 2016 .	
25	START of CREDIT PERIOD : The credit period will start from the date of receipt and acceptance of material at Andrew Yule, KOLKATA WORKS.	AGREE
26	Landed Cost Calculation : The price calculated by MSTC is provisional. The actual landed cost shall be done after Proper Loading in the Price by us for important parameters like (i) Payment Terms (ii) Excise Duty, (iii) Sales Tax / VAT , (iv) Entry Tax (v) L-1 vendor will be judged after taking proper credit of Excise / Vat and other terms having financial impacts like payment terms, credit period etc. Price comparison shall be done based on Landed cost. Final Landed Cost shall be calculated by AYCL as per their Norms	AGREE
27	PAYMENT TERMS : -Direct Credit In case it is agreed for direct credit, write AGREED in the remarks field, please fill 27a with number of days of direct credit, otherwise write DISAGREED in the remarks field and fill 27a with 0 (Zero).	REMARKS
27a	Please indicate the number of days of direct credit. (Andrew Yule's payment term is minimum 90 days direct credit from acceptance of material. If the offered payment term is less than 90 days , bids will be opened at the sole discretion of Andrew Yule & price will be loaded as per Andrew Yule's norms. Any advance payment terms will not be accepted. Please write payment terms In the remarks field)	REMARKS
27b	PAYMENT TERMS : - Against L/C Bidders, who wish to quote with L/c, select "AGREE" IN 27b & fill 27c with number of days of credit. Bidders, who have selected agreed in 27 and filled credit days in 27a should select " Disagree " in 27 b and fill 27c with 0 (Zero).	REMARKS
27c	Please indicate the number of days of credit against L/C (Andrew Yule's payment term is minimum 90 days direct credit from acceptance of material. If the offered payment term is less than 90 days , bids will be opened at the sole discretion of Andrew Yule & price will be loaded as per Andrew Yule's norms. Any advance payment terms will not be accepted. Please write payment terms In the remarks field)	REMARKS
27d	Vendors opting LC payment, all costs related to LC	AGREE

	shall be borne by the vendor	
27e	If a bidder select AGREE in both Credit & LC, their offer will not be accepted	AGREE
28	EMD : An Earnest Money Deposit, of Rs. 50,000 to be submitted in the form of RTGS / NEFT favouring Andrew Yule & Co. Ltd. or specific request for exemption of EMD has to be submitted along with necessary supporting documents for exemption. EMD MONEY / EXEMPTION REQUEST SHOULD BE SUBMITTED ALONG WITH TECHNO COMMERCIAL BID. BIDDERS WHO WILL NOT SUBMIT EMD OR NOT MAKE PROPER APPEAL FOR EMD EXEMPTION, THEIR TENDER WILL NOT BE CONSIDERED	AGREE
29	EMD – EMD amount to be paid by RTGS / NEFT within the schedule date. If agreed, please ATTACH & UPLOAD copy of UTR details.	REMARKS
30	EMD amount to be adjusted against the outstanding dues between the vendor & AYCL. If agreed please ATTACH & UPLOAD copy of Exemption Request Letter and write UPLOADED in the remarks field.	REMARKS
31	EMD amount to be waived as our turnover more than Rs 50crore. if agreed Please mention the turnover of last year in the remarks field. Also attach & upload supporting document (Balance Sheet & Profit-Loss A/c).	REMARKS
32	EMD amount to be waived as per our attached MSME certificate. If agreed, Please mention “Exemption for MSMED in the remarks field. Also Attach & Upload the MSME certificate as supporting document.	REMARKS
33	You have to agree to any one of the above options for EMD / EMD Exemption.	AGREE
34	Tender fees of Rs 500/= to be paid by RTGS / NEFT within the schedule date. If agreed, please ATTACH & UPLOAD copy of UTR details.	REMARKS
35	<p>UPLOADING DOCUMENTS : Please upload the following documents and write UPLOADED in the remarks field of AGREED WITH REMARKS.</p> <ul style="list-style-type: none"> a) Balance sheets and P&L Account. (2012-2013, 2013-2014 & 2014-2015) (** Note) b) EMD – Attach copy of UTR details/Exemption document c) Tender Fees of Rs. 500/- Attach copy of UTR details d) Vendor form as per Annexure – II , (**Note) 	AGREED WITH REMARKS

	<p>e) Customer list. (** Note)</p> <p>f) Copy of valid ISO 9001 - 2008 edition certificate.</p> <p>g) Copies of purchase orders & Performance Certificate from at least three reputed transformers manufacturers for having supplied CRGO for transformers up to 5 MVA rating during the year 2014-2015. Offers received without copies of performance certificate will be rejected. (** Note)</p> <p>h) Trade License. (** Note)</p> <p>i) A copy of Banker's Certificate. (** Note)</p> <p>(** Note) Those bidders who had participated and qualified in our earlier tender or bidders in AYCL-Kolkata approved vendor list need not submit the documents.</p>	
36	RATE OF EXCISE DUTY AND CESS AS %	REMARKS
37	RATE OF CST AS % (C-FORM TO BE ISSUED)	REMARKS
38	RATE OF WB VAT AS %	REMARKS

PRICE FORMAT FOR 245 KL OIL IN BARREL :-

Sl. No	DESCRIPTION	UNIT (Quantity)	Basic Price (RS./L)
		Ltr	(a)
1	EHV GRADE TRANSFORMER OIL CONFIRMING TO IS 335/1993 (WITH LATEST AMENDMENTS) In Barrels	180,000	
2	EHV GRADE TRANSFORMER OIL CONFIRMING TO IS 335/1993 (WITH LATEST AMENDMENTS) In Tankers	80,000	
3	Uninhibited TRANSFORMER OIL CONFIRMING TO IEC 60296/2012 (WITH LATEST AMENDMENTS).as per specification sheets In Barrels	5000	
4	Freight Cost : Please mention freight cost considered for free delivery at our works.(Pl ref RATE BASIS clause above) SUPPLY IN DRUMS	Rs/Litre	
5	Freight Cost : Please mention freight cost considered for free delivery at our works.(Pl ref RATE BASIS clause above) SUPPLY IN TANKER	Rs/Litre	

Note :

The price calculation as done by MSTC is provisional.

Price comparison shall be done based on Landed cost. Final Landed Cost shall be calculated by AYCL as per their Norms.

Formula for calculation of Landed Cost = Basic +ED & Cess + CST or WB VAT+Interest cost (if any) for different payment terms + Entry Tax (if any) + Any other cost having financial impact Less ModVAT and Less VAT

The above calculations are based on the prevailing rates and taxes applicable in the state. However, in case of introduction of any other taxes or tax structure the calculation may vary.

GENERAL TERMS AND CONDITIONS

- 1 EMD : Rs.50,000/- (Rupees Fifty Thousand only) by way of RTGS / NEFT. Bank Guarantee from any Nationalised / Scheduled / Multinational Bank for the EMD amount can also be accepted and the BG should be as per the specimen enclosed and reach AYCL before due date.

For bidders already enlisted with AYCL- Electrical Division, having outstanding amount more than the EMD amount or who have already submitted the EMD against our earlier tenders or those who have security deposit with Andrew Yule may apply for adjustment of the same. The total EMD should be Rs: 50,000/=

Bidders who are MSMED units may apply for exemption from furnishing EMD by making a specific request in writing and enclosing the necessary document in support of the same.

Bidders whose turnover is more than Rs: 50 crores may apply for exemption from furnishing EMD by making a specific request in writing and attaching the necessary document in support of the same

If reason for non-submission of EMD or adjustment against the outstanding balance for EMD is not mentioned in Techno-commercial bid of tender, the tender will be rejected.

2. Bidder should have tested their Oil as per IS 335/1993 & IEC 60296/2012 at CPRI / ERDA and obtained the certificate .A copy of the certificate should be submitted.
3. Bidders organization should be certified for ISO 9001 - 2008 edition. A copy of the certificate should be submitted.
4. Bidder should have been obtained BIS Certificate for the Product. A copy of the certificate should be submitted.
5. Bidder should submit/upload copies of purchase orders & Performance Certificate from at least three reputed transformers manufacturers for having supplied Transformer Oil for transformers up to 5 MVA rating during the year 2014-2015.Offer received without copies of performance certificate will be rejected. (** Note)
6. Bidders should have a minimum turnover of Rs.5 crores per annum. Please enclose copy of last 3 years Balance sheets and P&L Account. (2012-2013, 2013-2014, 2014-2015).
7. Bidders should pay the amount of Rs: 500 /= RTGS / NEFT towards cost of tender document.

8. THE RIGHTS OF THE COMPANY

- a) The company reserves the right to accept or reject any or all the tenders or to waive any informality, minor deviation or omission or based on their past performance without assigning any reasons whatsoever.
- b) Bidders who have quoted other payment terms & Conditions having financial implications, price bids will be opened at the sole discretion of Andrew Yule & price will be loaded as per Andrew Yule's norms. Any advance payment terms will not be accepted.
- c) The actual landed cost shall be calculated after Proper Loading in the Price as per Andrew Yule norms for important parameters having financial implications. L-1 shall be determined based on landed cost calculated by Andrew Yule.

ANNEXURE - I

60296 © IEC:2003

Table 2 – General specifications

Property	Test method	Limits	
		Transformer oil	Low temperature switchgear oil
1 – Function			
Viscosity at 40 °C	ISO 3104	Max. 12 mm ² /s	Max. 3,5 mm ² /s
Viscosity at –30 °C *	ISO 3104	Max. 1 800 mm ² /s	--
Viscosity at –40 °C ^b	IEC 61868	--	Max. 400 mm ² /s
Pour point *	ISO 3016	Max. –40 °C	Max. –60 °C
Water content	IEC 60614	Max. 30 mg/kg ^c / 40 mg/kg ^d	
Breakdown voltage	IEC 60156	Min. 30 kV / 70 kV *	
Density at 20 °C	ISO 3675 or ISO 12185	Max. 0,895 g/ml	
DDF at 90°C	IEC 60247 or IEC 61620	Max. 0,005	
2 – Refining/stability			
Appearance	--	Clear, free from sediment and suspended matter	
Acidity	IEC 62021-1	Max. 0,01 mg KOH/g	
Interfacial tension	ISO 6295	No general requirement ^f	
Total sulfur content	BS 2000 Part 373 or ISO 14596	No general requirement	
Corrosive sulfur	DIN 51353	Not corrosive	
Antioxidant additive	IEC 60666	(U) uninhibited oil: not detectable (T) trace inhibited oil: max. 0,08 % (I) inhibited oils: 0,08 – 0,40 %	
2-Furfural content	IEC 61198	Max. 0,1 mg/kg	
3 – Performance			
Oxidation stability ¹	IEC 61125 (method C) Test duration: (U) Uninhibited oil: 164 h (T) Trace inhibited oil: 332 h (I) Inhibited oil: 500 h		
- Total acidity		Max. 1,2 mg KOH/g ¹	
- Sludge		Max. 0,8 % ¹	
DDF at 90 °C	IEC 60247	Max. 0,500 ¹	
Gassing	IEC 60628, A	No general requirement	
4 – Health, safety and environment (HSE)			
Flash point	ISO 2719	Min. 135 °C	Min. 100 °C
PCA content	BS 2000 Part 346	max. 3 %	
PCB content	IEC 61619	Not detectable	
^a This is the standard LCSET for an transformer oil (see 5.1) and can be modified depending on the climatic condition of each country. Pour point should be minimum 10 K below LCSET.			
^b Standard LCSET for low temperature switch gear oil.			
^c For bulk supply.			
^d For delivery in drums and IBC.			
^e After laboratory treatment (see 6.4).			
^f Where it is used as a general requirement, a limit of minimum 40 mN/m is recommended.			

¹ In some countries more stringent limits and/or additional requirements may be requested.

7 Specific requirements for special applications

7.1 Higher oxidation stability and low sulfur content

For transformers with higher operating temperatures or designed for extended service life, there may exist restricted limits after oxidation test (see IEC 61125, method C). Mostly, such oil is inhibited (1) ^{2, 3}.

- Total acidity: max. 0,3 mg KOH/g;
- Sludge: max. 0,05 %;
- DDF at 90 °C: max. 0,050;
- Total sulfur content: max. 0,15 %.

7.2 Electrostatic charging tendency (ECT)

For OF- or OD-cooled power transformers (IEC 60076-2) with high oil circulation speed, as e.g. HV/DC transformers, a limit may be agreed between purchaser and manufacturer.

7.3 Gassing

For equipment with high electrical field stress or special design, gas which may be formed under special stress conditions must be absorbed by the oil. Therefore the gassing tendency according to IEC 60628 must be agreed between the oil manufacturer and the user of the oil.⁴

² In some countries more stringent limits and/or additional requirements may be requested.

³ In some countries a DDF of max. 0,020 after 2 h of oxidation (see IEC 61125, method C) is considered as acceptable for application in EHV instrument transformers and bushings.

⁴ In some countries limits are available.



ANDREW YULE & CO. LTD.
BRENTFORD UNIT
KOLKATA- 700088

QAP 001

PAGE 1 OF 1

I. MATERIAL INSPECTION PLAN FOR TRANSFORMER OIL

Method of inspection :

1. Verification of manufacturer's instrumentation for the following parameters:

a) Physical properties

Appearance
Density
Flash point
Kinematic viscosity
Pour point

b) Electrical properties

Dissipation factor
Electric Strength

c) Chemical properties

Water content
Neutralization value
Corrosive sulphur
Anti oxidant additives
Oxidation stability
Total acidity
Sludge % by weight
Gassing temperature

2. Check on the material at our works

a) Break down voltage

						ANDREW YULE & CO. LTD. ELECTRICAL DIVISION KOLKATA - 700083				NAME		DATE	
				TITLE: TRANSFORMER OIL SPECIFICATION				PREPARED BY					
								CHECKED BY					
								APPROVED BY		<i>Bhattacharya</i>		11/3/16	
SL. NO.	BY	DATE	FILE NO.	SCALE									
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ANDREW YULE & CO. LTD.
BRENTFORD UNIT
KOLKATA - 700088

SPECIFICATION

PAGE 1 OF 2

SPECIFICATION FOR TRANSFORMER OIL

I. GENERAL REQUIREMENT:

- 1) TYPE: Mineral Oil
- 2) APPLICATION: Used as insulating and cooling medium in transformer

II. SPECIFICATION:

- 1) Reference Standard: IS 335/1993; BS 148
- 2) Material Composition: Napthanic/ Paraffinic based low viscosity mineral oil
- 3) Material Properties: The properties/characteristics of the transformer oil is as follows

CHARACTERISTICS	UNIT	REQUIRED VALUE	TOLERANCE
Appearance		Clear, Transparent	
Density at 29.5 deg C	g/cc	0.89	Max
Kinematic Viscosity at 27 deg C	cst	27	Max
Interfacial Tension at 27 deg C	N/m	0.04	Min
Flash Point, Pensky - Marten (Closed)	deg C	140	Min
Pour Point	deg C	-30 / -6 (Napthanic / Paraffinic)	Max
Neutralization Value			
a) Total Acidity	MgKOH/gm	0.03	Max
b) Inorganic Acidity / Alkalinity		NIL	
Corrosive Sulphur		Non - Corrosive	
Electric Strength			
a) New unfiltered oil	KVrms	30	Min
b) After Filtration		60	
Dielectric Dissipation factor (tan delta) at 90 deg C		0.002	Max
Specific Resistance			
a) At 90 deg C	Ohm-cm	35×10^{12}	Min
b) At 27 deg C		1500×10^{12}	
Oxidation Stability			
a) Neutralization Value after oxidation for 164 hrs at 100 deg C	MgKOH/gm	0.40	Max
b) Total Sludge 164 Hrs at 100 deg C	%	0.10	
Ageing Characteristics after accelerated ageing (Open breaker method with copper catalyst)			
a) Specific Resistance at 27 deg C	Ohm-cm	2.5×10^{12}	
Specific resistance at 90 deg C	Ohm-cm	0.2×10^{12}	
b) Dielectric dissipation factor (tan delta at 90 deg C		0.2	
c) Total acidity	MgKOH/gm	0.05	
d) Total sudge value	%	0.05	
Anti Oxidant Additives		Shall not contain antioxidant additives	
Water Content	Ppm	50	MAX
S.K. Value	%	4 to 8	

						ANDREW YULE & CO. LTD ELECTRICAL DIVISION KOLKATA - 700083		NAME		DATE	
				TITLE		TRANSFORMER OIL SPECIFICATION		PREPARED BY			
								CHECKED BY			
								APPROVED BY		<i>Baradha</i> 11/2/16	
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SPECIFICATION

PAGE 2 OF 2

III. TESTS:

Routine Test Shall be conducted for the characteristics mentioned in Clause II.3

IV. EXTENT OF CHECK :

Sampling as per IS 6855

IV. PACKING :

Transformer Oil shall be supplied in road tankers or in non-returnable steel drums of 210 lts capacity clearly marked. It shall accompany with a typed certificate giving the following information.

i) Manufacturer's Name

ii) Quantity in Litres

iii) Name of the Material

iv) Batch No & Date

V. DOCUMENTS :

Test Certificate should accompany each consignment

VI. ACCEPTANCE CRITERIA :

As per Spec 001 (for Internal use only)

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				TITLE		TRANSFORMER OIL SPECIFICATION		PREPARED BY						
								CHECKED BY						
								APPROVED BY		Shardha		11/3/16		
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SPEC 001

PAGE 1 OF 1

I. ACCEPTANCE CRITERIA FOR TRANSFORMER OIL

SL NO	CHARACTERISTICS	UNIT	REQUIRED VALUE	TOLERANCE
1	Flash Point, Penksey - Marten (Closed)	deg C	140	Min
2	Pour Point	deg C	-30 / -6 (Naphtheneic / Paraffinic)	Max
3	Electric Strength a) New unfiltered oil	KVrms	40	Min
4	Dielectric Dissipation factor (tan delta) at 90 deg C		0.002	Max
5	Water Content	Ppm	50	MAX
6	Specific Resistivity a) At 90 deg C	Ohm-cm	35×10^{12}	Min
7	Oxidation Stability a) Neutralization Value after oxidation for 164 hrs at 100 deg C	MgKOH/gm	0.40	Max
	b) Total Sludge 164 Hrs at	%	0.10	

				ANDREW YULE & CO. LTD ELECTRICAL DIVISION KOLKATA - 700083		NAME		DATE
TITLE: TRANSFORMER OIL SPECIFICATION				PREPARED BY				
				CHECKED BY				
				APPROVED BY		<i>Bhaskar</i>		11/3/16
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501 kaxadi chambers
132 dr. a. b. road, worli,
mumbai 400 018
t. +91 22 2493 0532
f. +91 22 2493 2705
e. mumbai@ieema.org
w. www.ieema.org

IEEMA/PVC/TR-OIL/2011

Effective from: 1st July 2011

PRICE VARIATION CLAUSE FOR TRANSFORMER OIL

The price quoted/confirmed is based on the cost of raw materials/components as on the date of quotation and the same is deemed to be related to prices of TOBS and drum as specified in the price variation clause given below. In case of any variation in these prices, the price payable shall be subject to adjustment up or down, in accordance with the following formula:

$$P = P_0 + 1.2 (TB - TB_0) + 4.8 (D - D_0)$$

Wherein,

P = Price (in Rs/KLtr) payable as adjusted in accordance with the above formula.

P₀ = Price (in Rs/KLtr) quoted/confirmed for transformer oil supplied in drums and confirming to IS:335-1993 and amended from time to time.

TB₀ = Price of TOBS (refer notes).

This price is as applicable on first working day of the month, ONE month prior to the date of tendering.

D₀ = Price of drums (refer notes).

This price is as applicable on first working day of the month, ONE month prior to the date of tendering.

For example, if the date of tendering falls in July 2011, the applicable prices of TOBS (TB₀) and drums (D₀) should be prevailing as on 1st June 2011.

The above prices are as published by IEEMA vide circular reference number IEEMA(PVC)TR-OIL(RV)/_/ prevailing as on first working day of the month i.e., ONE month prior to the date of tendering.

TB = Price of TOBS (refer notes).

This price is as applicable on first working day of the month, ONE month prior to the date of delivery.

D = Price of drums (refer notes).

This price is as applicable on first working day of the month, ONE month prior to the date of delivery.

For example, if the date of delivery in terms of clause given below falls in December 2011 the applicable prices for TOBS (TB) and drums (D) should be as published by IEEMA as prevailing on 1st November 2011.

The "date of delivery" is the date on which the Transformer Oil is notified as being ready for inspection/dispatch. (In the absence of such notification the date of manufacturer's dispatch note is to be considered as the date of delivery) or the contracted delivery date (including any agreed extension thereto), whichever is earlier.

IEEMA/PVC/TR-OIL/2011/1/2

delhi
80/4, surya kiran,
19, kasturba gandhi marg,
new delhi 110 001, india
p. +91 11 2379 3013 / 14
f. +91 11 2379 3015

bangalore
2/14, swiss complex,
33, race course road,
bangalore 560 001, india
p. +91 80 220 1156 / 1315
f. +91 80 2200 1317

kolkata
503/1, bawal chambers,
2, north lane,
kolkata 700 001, india
p. +91 33 6961 8705
f. +91 33 2211 1326

IEEMA/PVC/TR-OIL/2011

Effective from: 1st July 2011

Notes: (a) All prices of raw materials are exclusive of modvat/excise/CV duty amount and exclusive of any other central, state or local taxes. Octroi etc.

(b) All prices are as on first working day of the month.

(c) The details of prices are as under:

1. The price of TOBS considered is the average price (in Rs./KLtr) as quoted by Transformer oil manufacturers (including applicable customs duty, if imported).
2. The price of drum (in Rs) is the ex-works price as quoted by a drum manufacturer for drum of capacity of 210 liters.


Authorized Signatory

IEEMA/PVC/TR-OIL/2011/2/1

BG SPECIMEN

(To be typed on Rs.100/- non-judicial stamp paper)
BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

TO BANK GUARANTEE NO....
M/S ANDREW YULE & CO. LTD
ELECTRICAL DIVISION – KOLKATA OPERATION,
14, MAYURBHUNJ ROAD,
KOLKATA -700 023

IN ACCORDANCE WITH YOUR TENDER for supply of CRGO Lamination, M/s (hereinafter called the "Bidder") having its Registered Office at, wish to participate in the said bid for the supply CRGO LAMINATION AS PER OUR DRAWING as an irrevocable Bank Guarantee against Earnest Money Deposit for an amount of Rs. (Rupees.....) valid up to 31.03.2017, is required to be submitted by the bidder as a condition precedent for participating in the said bid, which amount is liable to be forfeited by the Purchaser on (1) the withdrawal or revision of the offer by the bidder within the validity period, (2) Non acceptance of the Letter of Intent / Purchase order by the Bidder when issued within the validity period, (3) failure to execute the contract as per contractual terms and condition within the contractual delivery period and (4) on the happening of any contingencies mentioned in the bid documents.

During the validity of this Bank Guarantee: -

We,(Bank name) having its registered Office atguarantee and undertake to pay immediately on first demand by Andrew Yule & Company Ltd., Kolkata 700 023, the amount of Rs.....(Rupees.....) without any reservation, protest, demur and recourse. Any such demand made by the purchaser shall be conclusive and binding on the Bank irrespective of any dispute or difference raised by the Bidder.

The Guarantee shall be irrevocable and shall remain valid up to 31.03.2017. If any further extension is required, the same shall be extended to such required period on receiving instruction from the Bidder, on whose behalf this Guarantee is issued.

Notwithstanding anything contained herein:

* Our liability under this Bank Guarantee shall not exceed
Rs. (Rupees.....)

* This Bank Guarantee shall be valid up to 31.03.2017.

- We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or a demand on or before 31.03.2017.

In witness whereof the Bank, through its authorized officer, has set its hand and stamp on day of
2016 at.....
