



Bid Number: GEM/2023/B/2932379

Dated: 03-01-2023

Bid Document

Bid Details	
Bid End Date/Time	24-01-2023 15:00:00
Bid Opening Date/Time	24-01-2023 15:30:00
Bid Offer Validity (From End Date)	90 (Days)
Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
Department Name	Department Of Heavy Industry
Organisation Name	Andrew Yule Company Limited
Office Name	Chennai
Total Quantity	1
Item Category	Transformer test control bench as per our specification (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)	5 Lakh (s)
Years of Past Experience Required for same/similar service	1 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	80 %
Bid to RA enabled	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
Type of Bid	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation	2 Days
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Amount	9000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	18

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

ANDREW YULE & CO LTD

CHENNAI, Department of Heavy Industry, ANDREW YULE COMPANY LIMITED, Ministry of Heavy Industries and Public Enterprises

(Electrical , Chennai Operations)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get

precedence over this clause.

4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

6. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

Transformer Test Control Bench As Per Our Specification (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Tamilselvan	600096,no 5/346 old mahabalipuram road perungudi	1	90

Buyer Added Bid Specific Terms and Conditions

1. Certificates

Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

2. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

3. **Warranty**

Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

4. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

It is to be noted that as per General Terms & Conditions of GeM, quoted rates in bid/RA are inclusive of taxes, freight, insurance etc. If any bidder mentions extra GST, freight, insurance in technical bid/catalogue, this shall not be considered valid and no further clarifications shall be sought thereof.

The following documents are to be uploaded online at GeM portal

1. EMD : Rs.9000/= *

* Bidders may request for exemption from submitting EMD (Refer details given in General terms & conditions)

2. The supplier should have supplied to reputed companies manufacturing 132 kV class or above of power transformers/reputed research institute. A copy of purchase order /performance certificate from the above company or from a reputed research institute to be enclosed.

OFFERS RECEIVED WITHOUT ABOVE WILL BE REJECTED.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.

4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

**ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
Electrical, Chennai-Operation
5/346 OLD MAHABALIPURAM ROAD
PERUNGUDI, CHENNAI: 600 096**

TENDER DOCUMENTS FOR SUPPLY OF TRANSFORMER TEST CONTROL BENCH

ANDREW YULE & CO. LTD invites GeM online tender for finalizing contract for supply of Transformer test control bench, "Scope of Work / Technical Specification" as specified in this tender document.

We request you to submit your offer for the supply of Transformer test control bench as per our enclosed specification.

<u>Description</u>	<u>Qty</u>
1. Transformer test control bench as per our enclosed specification	1 No

Any clarification or additional information if required, the tenderer should call on us to get those things clarified.

DELIVERY: Within 3 Months from the placement of our purchase order.

VALIDITY: Your offer should be valid for acceptance for a minimum period of 90 days from the date of tender opening.

The following documents are to be uploaded online at GeM portal

1. EMD : Rs.9000/= *

* Bidders may request for exemption from submitting EMD (Refer details given in General terms & conditions)

2. The supplier should have supplied to reputed companies manufacturing 132 kV class or above of power transformers/reputed research institute. A copy of purchase order /performance certificate from the above company or from a reputed research institute to be enclosed.

OFFERS RECEIVED WITHOUT ABOVE WILL BE REJECTED.

GENERAL & TERMS AND CONDITIONS

1) EMD: Rs. 9000.00 (Rupees Nine thousand only), should be paid by way of RGTS/ NEFT.

For bidders already enlisted with AYCL- Chennai-Operation, 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.

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.

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) THE RIGHTS OF THE COMPANY

We reserves the right to accept or reject any or all the tenders or to waive any informality, minor deviation or omission without assigning any reasons whatsoever.

Our Bank details for making RTGS payment.

Bank Name and Address	KARUR VYSYA BANK CHENNAI ADYAR BRANCH NO.37, FIRST AVENUE, NEAR PADMA PRIYA HOSPITAL, INDIRA NAGAR,ADYAR CHENNAI 600 020
IFSC Code	KVBLO001257
Account No	1257223000000164
Account Name	ANDREW YULE & COMPANY LIMITED

**TECHNO-COMMERCIAL TERMS FOR TRANSFORMER
TEST CONTROL BENCH**

SL NO	TERMS & CONDITIONS
1	REQUIREMENT <i>GeM online tender offers are invited for supply of Transformer test control bench -1 No as per enclosed specification Annexure IV</i>
2	Validity period of the offer: Your offer should be valid for acceptance for a minimum period of 90 days from the date of tender opening
3	DELIVERY: Within 3 months from the placement of our Purchase Order.
4	Guarantee: Material supplied should be guaranteed against all manufacturing defects, poor workmanship, defective raw material for a minimum period of 12 Months from the date of supply. During the period if the product is found defective due to any of the above reason you shall undertake to repair the same at FREE OF COST.
5	The rate quoted by you is F.O.R. Chennai (Inclusive of Packing, Forwarding and Insurance & GST)
6	Liquidated damage – If the delivery is delayed beyond the date of scheduled date of dispatch in the purchase order, penalty will be levied @ 1/2% per week subject to a maximum of 5%
7	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
8	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 No.5/346, Old Mahabalipuram Road, Perungudi, Chennai 600 096 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.
9	Performance Bank Guarantee: As a guarantee towards performance of the equipment 3% of the invoice value of equipment will be retained by the buyer, till the equipment guarantee period is over. Alternatively, the tenderer can execute a bank guarantee in the format of the buyer for 3% value which shall be valid throughout the guarantee period with a claim period of another 3 months counted from the date of expiry of the equipment guarantee period or bank guarantee.

10	<p data-bbox="321 159 690 191"><u>Qualifying requirements</u></p> <p data-bbox="321 222 1482 348">a) The supplier should have supplied to reputed companies manufacturing 132 kV class or above of power transformers. A copy of purchase order /performance certificate from the above company or from a reputed research institute to be enclosed.</p> <p data-bbox="321 384 1482 449">b) Bidders should have a minimum turnover of Rs: 5 lakhs per annum in last three financial year's .Proof (P & I Account) to be uploaded.</p>
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TECHNICAL SPECIFICATIONS
For
TRANSFORMER TEST CONTROL BENCH

Description : 3 phase Transformer Test bench

Purpose : To have a regulated output 3-phase supply from 0 to 470 V,
 400 A from 415 V \pm 10% supply with required indications &
 Overload protection circuits.

Test facilities (minimum)

- i) No load loss & Load loss test,
- ii) HV test
- iii) Vector group
- iv) Mag. balance & Current test
- v) CT secondary test
- vi) Spill current test
- vii) DC test for annunciator with MCB control
- viii) Temperature sensing
- ix) 3-phase fan test with MCB control

The front panel should have the followings:-

- a) The test bench shall be capable of handling regulated single-phase as well as three phase variable supply.
- b) The Test Bench set up shall have minimum 3 (Three) Nos. of 3 row Voltage Channels and 3 (Three) nos. of 3 row current channels which shall be easily accessible. The Test Bench set up shall have provision for measuring voltage and current from the bench at any test points so that the actual voltage and current available during any test can be verified. The digital voltmeter should read phase to phase or phase to earth in 3 row display. The digital ammeters are of 3 row display and a provision to feed ratio.
- c) Three separate provisions for dimmer ON/OFF, Raise/ Lower.
- d) Provision to accommodate DVDF controls (ON OFF, Raise lower, Dc ON OFF)
- e) Four way test selection (mode) provision to be made(HT/LT/Ratio/Other)
- f) The digital voltmeter, ammeter with 3 phase selection at Input (415V), output (470 V) and digital kV meter (0-150/300kV) with a 750/375 ratio (User to feed the ratio). One multifunction meter with voltage, current and frequency (50 to 200 Hz.)

- g) All test functions and test processes shall be selected and controlled by buttons of front panel of the test bench.
- h) Selection of power meter or multifunction meter should be made for voltage and current thro selector switch
- i) Indications for 3-phase voltages, Mains ON/OFF, HV ON/OFF.etc
- j) The test bench shall have the capability to integrate all the test equipment for ease of operation.
- k) One no TPI (Tap position Indicator) with terminations
- l) Capacitor currents (0-1000 A) with 3-phase indications at same time.
(User to feed the ratio)
- m) Buzzer alarm,
- n) Plate thickness: Min 2 mm,
- o) Overall dimension: Max : 2000 x 1500 x 1500 mm (Approx)

Minimum Provisions for the following to be provided:-

- a) The test bench system shall have the capability of recording, displaying on screen, analyzing, storing, exporting results in various formats and printing test data reports.
- b) Provision of conducting individual tests using other measuring instruments. Power supply provisions for the compartments in which the following meters are to be housed:-
Power meter, Resistance meter, Ratio meter, Temperature scanner and acquisition of data to Computer for report generation. Preferably Cut-out provision, Glass windows with frame & lifting hook for the compartments for meters with approximate sizes: 210x355 mm,(ii)230x455mm,(iii) 215x155mm (iv)144x144mm. Alternately provision for above meters shall be given on the front panel.
- c) Min 400 A Contactor provision two nos at Input.
- d) Provision for output 3 phase CT / PT terminations.
- e) High precision 6 Channel temperature recorder with K-type sensor with LCD display of parameters such as trend, digital, bar graph, overview, alarm, and historical trend and 0.2% accuracy, minimum 5 inch display, 0.2% accuracy, 2GB memory, USB port, RTD (each 15mtr) sensors,

- f) Terminal blocks for troubleshooting.
- g) Laptop (or) desktop with minimum specifications of 16 GB, intel i5, Windows 11,
- h) Suitable arrangements shall also be provided with lock and key arrangements so that only authorized personnel can have access to use the equipment.
- i) Software to prepare test reports.
- j) The design shall have the following mandatory facilities:-
 - i) Raise and Lower push/press buttons with OFF ZERO indicator.
 - ii) Zero Start interlock with the auto return of power supply to zero position.
 - iii) Manual Emergency Switch.
 - iv) Main circuit breakers control circuit breaker and control power key switch with indicators.
 - v) Fast-acting overload protection.
 - vi) Over current ,Earth Fault(instantaneous) /Protection Relay
 - vii) 4 way selection switch
 - viii) 2 way Voltage and Current selection switch
- k) The Test bench shall have mandatory Safety features easily accessible;
 - i) Warning lights(Beacon)
 - ii) Emergency press button.
 - iii) Surge protection (for instruments and digital circuitry). Protection circuits are to be incorporated for the followings:-
 - a)If phase current exceeds 400 A at the input
 - b)If CT secondary in any of the phases exceeds 5 A.
 - c)over current relay protection.
 - d)single phasing prevention.
 - iv) Bonding of all metal works and grounding through an earth-point.
 - v) Mechanical and Electrical interlocks wherever applicable.

Note:

Drawing approval is to be obtained from AYCL before commencing the panel fabrication.