



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2025/B/5846029
Dated/दिनांक : 25-01-2025

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	15-02-2025 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	15-02-2025 11:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Pmo
Department Name/विभाग का नाम	Department Of Atomic Energy
Organisation Name/संगठन का नाम	Irel (india) Limited
Office Name/कार्यालय का नाम	Ho
क्रेता ईमेल/Buyer Email	rssabat@irel.co.in
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Air Circuit Breaker (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	5 Lakh (s)
MSE Exemption for Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC) *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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid

Bid Details/बिड विवरण

Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	2232560
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	37840

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) /ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने).	22

(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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

DGM(Finance)

IREL (India) Limited, OSCOM Bank Details: GST Number: 21AAACI2799F1ZQ Account Name : IREL(India)Limited

Name of the Bank: State Bank of India Branch : Matikhalo Branch, IRE Ltd Campus Account No.: A/C No -

10546942016 IFSC: SBIN0006086 MICR Code: 761002521

(Irel India Limited)

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता
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Yes

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. 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.
4. 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 .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
5. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.
6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and

for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Excel Upload Required/एक्सेल में अपलोड किए जाने की आवश्यकता :

PRICE CST - [1737440511.xlsx](#)

Air Circuit Breaker (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

* जेम कटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
RATINGS	Rated operational voltage (in Volts)	415, 690, 800, 1000
	Rated insulation voltage (in Volts)	690, 1000, 1250
	Rated current (in Amp)	630, 800, 1600, 400, 1000, 1250, 2000, 2500, 3200, 4000, 5000, 6300
	No of poles	3, 4, 4P 100%N, 4P 50%N, 4P 200%N
	Rated short circuit breaking current (in KA, rms)	25, 50, 65, 80, 100
	Rated short time withstand current (in KA, rms)	25 KA for 1 second, 50 KA for 1 second, 65 KA for 1 second, 80 KA for 1 second, 100 KA for 1 second
	Rated short circuit making current (in KA, peak)	52.5, 105, 143, 76, 88, 121, 154, 165, 176, 187, 220
	Rated insulation level: Rated lightning impulse withstand voltage (in KV)	8, 12
	Opening time (in milli second)	? 40, ? 45, ? 50
	Closing time (in milli second)	? 60, ? 70, ? 80
	Suitable for isolation	Yes, No
CONSTRUCTION	Method of controlling the operating mechanism	Dependent manual operation, Independent manual operation, Dependent power operation, Independent power operation, Stored energy operation, Remote as well as manual, with DC shunt release and closing coil
	Provision of Electronic trip unit (ETU)	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Function of ETU	Measurement of current, Over load protection, Short circuit protection, Earth fault protection, Various fault indications, Without ETU unit
	Type of mounting	Draw out type, Fixed type
	Other provisions for each air circuit breaker	Suitable chasis and connections, Indicators provided on the ACB, Interlocking for under voltage release

Additional Specification Parameters - Air Circuit Breaker (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
1000 A ACB	Design and Supply of 1000A, 4 Pole Air Circuit Breaker (ACB) as per the scope of work and technical specification attached herewith.
1600 A ACB	Design and Supply of 1600A, 4 Pole Air Circuit Breaker (ACB) as per the scope of work and technical specification attached herewith.
2000 A ACB	Design and Supply of 2000A, 3 Pole Air Circuit Breaker (ACB) as per the scope of work and technical specification attached herewith.
Dismantling	Dismantling of old ACBs , modification of the existing cabinet to accommodate the new ACB, installation of new ACBs, testing and commissioning as per the scope of work attached herewith.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	G K Chandra Guptan	761045,IREL(India) Limited PO MATIKHALO,CHATRAPUR Ganjam District.	1	240

Buyer added Bid Specific Additional Scope of Work

S.No.क्र.सं.	Document Title	Description	Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items

S.No.क्र.सं	Document Title	Description	Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items
1	Retrofitting of ACBs View	Retrofitting of ACBs	Air Circuit Breaker(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

2. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

3. Generic

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

4. Generic

Manufacturer Authorization: Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

5. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

6. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

N.B:- i) Bidder shall upload Price break-up as per attached Excel BOQ sheet during Bidding under price bid only. Dis closing price CST before financial bid opening will liable for rejection of offer.

ii) Uploaded BOQ table's Gross total including GST must be same with quoted Lumpsum value on GEM portal. Lumpsum value quoted on GEM portal is final and treated as inclusive all BOQ items.

I) Technical competency: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied Retrofitting of at least 1000 Amps Air Circuit Breaker orders in last five years ending bid opening date to any Central / State Govt. Organization / PSU / Public Listed Company / private organizations. Copies of relevant contracts (providi

ng supply of along with completion proof like tax invoice / CRAC / E-way bills etc to be submitted along with bid in support of quantity supplied.

II) The bidder shall furnish the following, failing which their bid shall be rejected :

a) Catalogue/datasheet with list of accessories and fittings of make and model of the item offered should be submitted along with bid.

b) Typical general arrangement drawing of the equipment showing overall dimensions.

c) Typical schematic drawing in respect of Air circuit breaker /scheme offered

NB: For MSE & Start-Up Bidders Past experience is relaxed. However, bidders have to establish their technical competency by submitting supporting documents towards successful execution of similar work **for any capacity**, failure to which the offer will not be considered for evaluation.

III) Note: As per para 7.3.5 on (Clarification of Bids/Shortfall Documents) of the Manual for Procurement of Goods 2017, issued by Ministry of Finance, Department of Expenditure, During evaluation and comparison of bids, the purchaser may, at his discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given asking the tenderer to respond by a specified date. If the tenderer does not comply or respond by the date, his tender will be liable to be rejected. Depending on the outcome, such tenders are to be ignored or considered further. No change in prices or substance of the bid shall be sought, offered or permitted. No post bid clarification at the initiative of the bidder shall be entertained. **The shortfall information / documents should be sought only in case of historical documents which pre-existed at the time of the tender opening and which have not undergone change since then.** So far as the submission of documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents should be asked for and considered. **For example, if the bidder has submitted a supply order without its completion / performance certificate, the certificate can be asked for and considered. However, no new supply order should be asked for so as to qualify the bidder.**

IV) As per section 7.3.1 of Manuals for procurement of Goods, the offer shall be declared as unresponsive and be ignored during the initial scrutiny if:

a) The offer is not in the prescribed format or is unsigned or not signed as per the stipulations in the bid document.

b) The required EMD has not been provided or exemption from EMD is claimed without acceptable proof of exemption;

c) The bidder is not eligible to participate in the bid as per laid down eligibility criteria (example: the tender enquiry condition says that the bidder has to be a registered MSE unit but the tenderer is a, say, a large scale unit);

d) The tenderer has quoted for goods manufactured by a different firm without the required authority letter from the proposed manufacturer.

e) The bid departs from the essential requirements specified in the bidding document (for example, the tenderer has not agreed to give the required performance security); or

f) Against a schedule in the list of requirements in the tender enquiry, the tenderer has not quoted for the entire requirement as specified in that schedule (example: in a schedule, it has been stipulated that the tenderer will supply the equipment, install and commission it and also train the purchaser's operators for operating the equipment. The tenderer has, however, quoted only for supply of the equipment).

V) **SD / EPBG:** Please furnish Security Deposit (SD) @ 5% of the total order value (Excluding GST) within 14 days of receipt of this order in the form of demand draft / RTGS. Alternatively, you may furnish an irrevocable Bank Guarantee for the said amount. The BG should be issued by SBI including its subsidiaries or Nationalized Bank or any schedule 'A' Commercial Bank approved by RBI. BG given by Co-Operative banks will not be accepted. BG shall not bear any interest and is liable to be forfeited for unsatisfactory completion or an abandonment of the supply. The same shall be refunded to you after successful completion of warranty period and after due clearance by user department.

VI) **Payment Terms:**

(i) 80% payment (along with payment of 100% of GST) of supply part shall be released within 30 days of receipt of material at IREL(INDIA)LIMITED, OSCOM Central Stores and accepted by Engineer in Charge.

(ii) Balance 10% payment of supply part along with 90% of the Installation cost (ICT) (along with 100% of GST) shall be released within 30 days of receipt of bills post completion of installation and commissioning and accepted by EIC.

(iii) Balance 10 % of the supply part and 10% of the installation and commissioning part will be released after completion of warranty period.

(iv) The Security Deposit / PBG shall be released after three (02) months from the date of completion of warranty

e period.

All bills/ invoices are to be certified by EIC. The successful bidder has to submit commercially clear invoice/ bills in order to enable IREL (India) Limited avail Tax credit on the materials supplied.

VII) **EMD(Earnest Money Deposit) & PBG(Performance Bank Guarantee):** Party should submit EMD and PBG as per the GEM bid condition.

VIII) i) Pre-Qualification Criteria can be relaxed as per prevailing norms for MSEs, MII and Startup companies subject to meeting quality and technical specification.

ii) For MSE bidders and start-ups as recognised by DPIIT (Department for Promotion of Industry and Internal Trade)

ii.a) EMD is exempted as per EMD exemption clause available in GEM bid and GEM General T&C.

ii.b) Turnover is exempted as specified in the bid.

ii.c) Purchase Preference is given as specified in bid.

IX) Offers from vendors defaulted to IREL (India) Limited, OSCOM during last one year will not be considered.

X) Bidder should upload their bank details along with offer for Payment and EMD/SD refund purpose

XI) Other terms & condition and contact details are attached in buyer uploaded ATC doc.

XII) **Engineer-In-Charge: Shri Arun Ku Lenka, Manager (Elect.)**

XIII) **File No:03-31641**

IREL (India) Limited, OSCOM Bank Details:

GST Number: 21AAACI2799F1ZQ

Account Name : IREL(India)Limited

Name of the Bank: State Bank of India

Branch : Matikhalo Branch, IRE Ltd Campus

Account No.: A/C No - 10546942016

IFSC: SBIN0006086 MICR Code: 761002521

Contact person of Tendering Authority

IREL(India)Limited, OSCOM Unit

<u>Purpose</u>	<u>Name</u>	<u>Email id</u>	<u>Mobile No.</u>
For Bid/tender related query	Shri R. S. Sabat. GM-Tech. (Purchase) & I/c (Marketing)	rssabat@irel.co.in / purchase-os@irel.co.in	+91 8280402609
	Smt.Sweta Sinha, Manager(Purchase)	sksinha@irel.co.in	+91 7978132875
For Consignment/Goods Transportation related Query	Shri. G.K. Chandraguptan, C M-Tech. (Stores)	stores-os@irel.co.in , gkchandraguptan@irel.co.in	+91 9003681969
For Payment/refund related Query	Shri. J. Nayak, DGM (F&A)	jnayak@irel.co.in , finance-os@irel.co.in	+91 9220310513
For Technical Specification/Scope of work related Query	Shri Arun Ku Lenka, Manager (Elect.)	arunkulanka@irel.co.in	+918895178668

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS FOR SUPPLY, INSTALLATION AND RETROFITTING OF Air Circuit Breaker (ACB)

- This scope of work is intended to cover engineering, testing, packing & forwarding, supply, delivery at M/s IREL (India) Limited – OSCOM – Central Stores, Ganjam, installation and commissioning of Electrically operated, Draw out type Air Circuit Breakers (ACB) in place of existing old ACBs as specified hereunder & as given in the Bill of Materials (BOM).
- The executing firm shall visit the site i.e. OSCOM - MSP and get acquainted to the existing scheme of installation of the old Air Circuit Breakers (ACB).
- The existing old ACB installed at HUS MCC Panel – Siemens make 1600 Amps, 3 Pole, EDO, Garnet plant MCC Panel – 1000 Amps, 4 Pole, C-Power, L&T make and 2M1 MCC Panel – Schneider make 1600 Amps , 4 pole; is to be retrofitted in this scheme.
- Necessary modification, for co-ordination/matching of new 415 V ACB to suit the requirements of existing breaker, Bus Bars , etc. shall be covered under the scope of this contract.
- It is also intended to include complete operational checks, tests to confirm suitability of new breaker both technically as well as dimensionally to existing breaker and system for adoption as well as performance and this will be the complete responsibility of the bidder
- The ACBs and installation shall conform to high standards of engineering design and workmanship in all respects and shall be capable of performing continuous operation in a manner acceptable to M/s IREL (India) Limited.
- The design aspects of the ACBs shall consider Reliability, availability and maintainability which are of utmost importance to M/s IREL (India) Limited.

SCOPE

- The scope of supply shall include but not limited to supply of Air Circuit Breakers. The supply includes 01 (one) no. of 2000 amps, 02 (two) no.s of 1600 Amps and 01 (One) no. of 1000 Amps Air Circuit Breakers as specified in Technical specification with all required accessories and fitting arrangements.
- Shifting of ACBs as per requirement from Central Stores to respective MCC panel Room or area where retrofitting is required to be carried out.
- The scope of supply shall include supply of wires, lugs, sleeves, connectors, screws, nut bolts, plate, aluminum bus bars, gasket, Switches, Indications/ displays to monitor breaker operation status etc. required for retrofitting and other accessories which are necessary for satisfactory operation of breaker though not individually or specifically mentioned herein.
- The scope includes disconnection of existing control, indication, annunciation, CT, PT connections from panels and removal of existing breakers etc and rewiring and restoration of all the protection and annunciation.
- The existing old ACBs shall be dismantled from the MCC Panels along with the cradle and accessories and safely disposed at Central Stores as per the direction of EIC.
- The scope includes cut outs for proper installation of new breaker on existing panels, supply of plate for installing new breaker and fixing it and blanking the open space on existing panel by plates, gasket etc.
- The alignment of the ACBs shall be properly checked so that it glides swiftly while racking in and out.
- Replacement / modification of bus bar if required for incoming and outgoing connection including supply also.
- The scope includes wiring/terminations to include existing interlocks, indication, local and remote annunciation, Protection & Metering equipment's, contact multiplications, grounding etc and also additional wiring required if any at the time of commissioning.
- Adoption of under voltage release, protection and metering circuit, auto change over circuit etc. as per requirement.
- Conducting IR Value measurement, drop test, contact resistance, commissioning tests etc. of breakers and Ch

cking / testing of circuit breaker operation with protection relays, interlocks permissive, etc. and furnishing of test certificates.

- The electricity shall be provided by M/s IREL (India) Limited from nearby source. The executing firm shall connect their extension box/ portable switchgears from the source.
- The work shall be carried out strictly as per the attached technical specifications, relevant IS specifications, Indian Electricity Rules & National Electrical Code.
- Any facility not mentioned in this scope, but which is vital to retrofitting, erection and commissioning of ACB is assumed to be included in the scope of work.

TECHNICAL SPECIFICATIONS

- Supply, Installation, Testing and Commissioning of Electrically operated, Draw out type Air Circuit Breaker (ACB), Motorized Spring chargeable. Rated voltage: 415V. Breaker should have inbuilt Overload, Short Circuit and Earth Fault Protection with microprocessor based protection system.
- Ratings : 2000 Amps - 01 no., 1600 Amps - 02 no.s, 1000 Amps - 01 no.
- Make : Siemens/ ABB/ Schneider/ L&T/ BCH.
- No. of Poles : 03 for 2000 Amps ACB , 04 for 1600 and 1000 Amps ACB.
- Rated Frequency of Operation : 50 Hz
- Breaking Capacity : > or = 50 kA RMS
- Interlocking : Electrical & Mechanical Interlocking
- Current Display : All the three phases and neutral individual current display is required.
- Memory : Shall be able to record the tripping history and causes or annunciation of last 10 tripping.
- Trip indication : Individual fault trip indication is required.
- Current display of all the three phases is required.
- Shunt Trip & Closing Coil : 415 V / 230 V AC
- Drawout Mechanism : Draw-out mechanism shall be provided with a mechanical latch which latches the ACB at Isolated-Test-Service positions while racking in & out the Circuit breaker along with racking handle. (Provision to be given to remove Breaker outside from panel completely if required) .

DRAWINGS

Preparation and furnishing softcopy as well as hardcopy of three sets of all types of as built drawings including schematic, internal and external cable connection drawings, wiring schedules, circuit breaker data sheet etc.

TEST CERTIFICATE(S)

- The circuit breakers offered shall have type test certificates from accredited laboratory (accreditation based on ISO/IEC/Guide 25/17025 or EN 45001 by the national accreditation body of the country where the lab is located.) as per IS/IEC/Technical specification, not older than THREE (03) years from the date of opening of technical bid.
- The type test reports for following shall be submitted by the bidder for type and rating of ACB offered. The bidder shall also submit type test reports for tests other than indicated below but mentioned in IS/IEC :
 - Dielectric Properties
 - Temperature rise
 - Short time withstand current
 - Short circuit breaking capacities
 - Operational Performance capability.

- Overload Performance
- Tripping Limits and Characteristic
- After completion of retrofitting works, the firm shall take trial run after charging the ACBs. The running parameters shall be recorded and commissioning report in OEMs format shall be submitted.

OTHER REQUIREMENTS

1. Two Free services in warranty Period.
2. Onsite Breaker Operation and Maintenance Training shall be given to M/s IREL (India) Limited and Contract employees.
3. Two sets of operation and Maintenance Manual.

SPECIAL CONDITIONS OF CONTRACT

1. Regulations, Acts, Standards & Codes to be followed:

The engineering, supply, installation and testing of the Air Circuit Breakers (ACB) covered in this specification shall comply with the appropriate standards amended upto October 2024. Unless otherwise specified, Indian Standards shall be followed. In case where suitable Indian Standards are not available, generally accepted codes and practices as mutually agreed upon shall be adopted. The equipments shall comply with the statutory requirements of the Govt. of India. The equipment and installation shall conform to the provision of statutory and other regulations in force such as Indian Electricity Act etc. The successful bidder shall provide the necessary support like drawings, data etc as required by the statutory authorities. In cases where the offer deviates from the specified standards, the successful bidder shall indicate clearly in his offer the standards proposed to be adopted by him and the details thereof.

2. Scope :

The scope of work includes and not limited to

- (i) Supply of ACBs in compliance with the technical specifications mentioned in the scope of work; including loading and transporting upto IREL (INDIA) LIMITED OSCOM site.
- (ii) Installation and Commissioning at site.
- (iii) To stand warranty as per warrantee clause mentioned below.

3. TIME PERIOD OF COMPLETION :

- (i) The contract shall be valid for a period of **08 months** from the date of placement of Contract. M/s IREL (India) Limited shall plan and intimate the date of shutdown within the valid contract period.
- (ii) The exact date of shutdown shall be intimated prior to 07 days in advance.
- (iii) The entire works shall be completed within 02 days of starting of work.
- (iv) The executing firm shall deploy adequate gangs or groups of people to carry out the works simultaneously at all locations. Accordingly the deployed gangs shall be self-sufficient with adequate tools and tackles required for completion of the work within the scheduled time frame.

4. DELIVERY SCHEDULE

- i) The executing firm has to submit the datasheet and details of ACBs strictly as per the BOM of the contract for approval of M/s IREL (India) Limited within 21 days of placement of contract.
- ii) The executing firm has to supply the ACBs and other accessories within 02 months from the date of approval.
- iii) The materials shall be supplied FOR DESTINATION basis to M/s IREL (India) Limited - OSCOM unit and unloaded at central stores.

5. LIQUIDATED DAMAGES FOR DELAY IN EXECUTION OF CONTRACT

For any delay in supply of material beyond the stipulated delivery period M/s IREL (India) Limited reserves the right to deduct liquidated damages @ 0.5% for every week or part thereof subject to a maximum of 10% of the total value at the time of settlement of the bill.

6.0 MODE OF PAYMENT:

The payment shall be released after deducting the following:

- (a) Compensation recoverable if any.
- (b) LD recoverable, if any.
- (c) Recoveries on account of contractee's facilities and services, if any.
- (d) Deduction, if any, towards re-couplement of any amounts forfeited, adjusted, deducted out of security deposit.
- (e) All Statutory deduction, if any, as per rules.
- (f) Deduction as per IT Act, 1961, if any.
- (g) Any other deduction related to this contract.

7. WARRANTY

i) The works shall have a warranty period of 12 months from the date of final acceptance or 18 months from the date of supply whichever is earlier.

ii) Final Acceptance shall be completed after testing performance of the newly installed ACBs for a period of continuous operation of 03 working days.

iii) During the warranty period, any problem of inadvertent tripping or malfunctioning is observed, it has to be attended and resolved within 48 hours of intimation without any extra cost to M/s IREL (India) limited.

8. INSPECTION

The successful bidder shall have to give intimation beforehand i.e. **15 days in advance** so that M/s IREL (India) Limited can depute its representative for carrying out Pre-Dispatch Inspection at the works or factory. During Inspection you shall facilitate the representative with all the necessary tools to carry out Inspection and trial run after which clearance shall be given for dispatch of the materials.

9. PRICES:

All the rates stipulated in the Price Schedule shall be all-inclusive and firm throughout the period of contract as detailed in the said schedule including during the periods of further extension if any.

7. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer/अस्वीकरण

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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

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. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
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.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

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./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---