



**MANOHAR PARRIKAR INSTITUTE FOR
DEFENCE STUDIES AND ANALYSES**

मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान

**TENDER DOCUMENT FOR “ Non Comprehensive AMC for ACB/VCB associated with
LT/HT Panels at MP-IDSA”** **12/08/2022**

Online bids through GEM only are invited under OEM and Authorized service centres of L&T for AMC of ACBs/VCBs at MP-IDSA premises located at No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi -110 010 as per details given in formats. **The bids should remain valid up to 120 days from the last date of submission of bids.**

Detailed Tender Documents are available on line from the date of tender publication at **www.idsa.in and https://www.eprocure.gov.in in addition to GEM website .**

All the tenders are to be submitted on the prescribed forms, as enclosed, duly signed, stamped and dated on each page of tender and Annexures as their unconditional and explicit concurrence to the terms and conditions laid down by the Institute.

MP-IDSA reserves the right to accept or reject any or all quotations including the lowest bidder without assigning any reason at its sole discretion and the decision of the MP-IDSA will be final and binding to all concerned.

Critical Dates of Tender:

(i) Publish Date & Time	12/08/2021, 10:00 hrs
(ii) Document Download Start Date & Time	12/08/2022, 10:30 hrs
(iii) Bid Submission Start Date & Time	12/08/2022, 11:00 hrs
(iv) Bid Submission End Date & Time	30/08/2021, 15:00 hrs
(v) Offline submission ,EMD, and other supporting documents	30/08/2021, 15:00 hrs
(vi) Bid Opening Date & Time	31/08/2021, 10:30 hrs
(vii) Cost of Tender	Free of cost

**TENDER FOR
Non-Comprehensive AMC for ACB/VCBs associated
with LT/HT Panels installed at MANOHAR PARRIKAR
INSTITUTE FOR DEFENCE STUDIES AND ANALYSES
SHANKAR VIHAR DELHI CANTT
NEW DELHI -110010**

**Manohar Parrikar
INSTITUTE FOR DEFENCE STUDIES AND ANALYSES**

(An Autonomous Body Under Ministry of Defence)

Website: <http://www.idsa.in>

**MANOHAR PARRIKAR INSTITUTE FOR
DEFENCE STUDIES AND ANALYSES
SHANKAR VIHAR DELHI CANTT
NEW DELHI -110010**

Tender notice for Non-Comprehensive Annual Maintenance Contract
(AMC) for Air Circuit Breakers and VCB associated with LT/HT Panels
Installed at MP-IDSA , Delhi Cantt- New Delhi-10.

Notice No: -MP-IDSA/ EM/AMC/ACB/2022-23 Dt: 12th August , 2022

M/s. -----

Sub: Non-Comprehensive Annual Maintenance Contract (AMC) for Air
Circuit Breakers and VCB associated with LT/HT Panels installed at
MP-IDSA, New Delhi-110010.

Sir,

***Please note that hard copy of the tender is to be delivered in the
office of the Assistant Director (Admin). The envelop contains all
requisite documents to be put in tender box kept at reception . This
is in addition to fill tender online through Gem.***

The Tender should be signed on each page, dated and stamped in all places provided for in the documents.

The tender should be accompanied by Earnest Money Deposit in the form of demand draft as mentioned in Appendix. Tenders without earnest money deposit shall be summarily rejected. Bidders who comes under category of MSEs are exempted to attached EMD

The person, signing the tender on behalf of company/firm or on behalf of another person shall attach with tender a certified copy of power of attorney/proper authority on a non-judicial stamp paper of requisite value duly executed in his favour by such person, company/firm and must state specifically that he has authority to sign such tenders for and on behalf of such person or company/firm as the case may be, and in all matters pertaining to the contract.

The above letter shall form part of the **“CONTRACT”** and must be signed and returned along with the tender documents.

Yours truly,

Col . Rajeev Agarwal (Retd)

Assistant Director (Admin)

**MANOHAR PARRIKAR INSTITUTE FOR
DEFENCE STUDIES AND ANALYSES
SHANKAR VIHAR DELHI CANTT
NEW DELHI -110010**

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**MANOHAR PARRIKAR INSTITUTE FOR
DEFENCE STUDIES AND ANALYSES**

**SHANKAR VIHAR DELHI CANTT
NEW DELHI -110010**

NOTICE INVITING TENDER

MP-IDSA, New Delhi invites sealed tender in Single bid system from reputed OEM or authorized service centers for Non-Comprehensive AMC for Air Circuit Breaker/Vacuum circuit breaker associated with LT/HT panels installed at MP-IDSA Complex, Shankar Vihar , Delhi Cantt-New Delhi”.

The details are as summarized below:-

a)	Name of Work:	Non-Comprehensive AMC for Air Circuit Breaker/Vacuum circuit breaker associated with LT panels installed at MP-IDSA Complex, Delhi Cantt, New Delhi-110010
c)	Pre-Qualification requirement (PQR) of bidders	Eligibility criteria for the issue of the Tender document are as under: - a) OEM /Dealers/ authorized service centers providers for providingAMCs for ACB/VCBs. b) Should have well established servicing facility in Delhi-NCR. c) Experience of successfully carried out similar kind of AMC works during last years. Institute reserve the right to call for documentary proof, if required. Refer to the Annexure-B for details about PQR & documents to be attachedwith Technical bid.
d)	Sale of tender document	The blank tender document can be collected in person from the office of Assistant Director (Admin) , New Delhi- 110010 from 12 th August 2022 to 30 th August 2022(except Saturday & Sunday & public holidays) between 10.30 am to 4.30 pm.

		Alternatively the tender form can be downloaded from our web site www.idsa.in in the period mentioned above .
e)	Cost of Tender Document	Free of cost.
f)	Earnest Money Deposit along with tender	Rs.6, 000/- (Rupees Six Thousand only) in the form of demand draft in favor of “IDSA, New Delhi .” Payable at New Delhi shall be submitted alongwith Technical Bid of the tender while submitting the tender.
g)	Last date of submission of tender	The complete tender in a bigger envelope, containing two small envelopes, in which one envelope containing Technical bid having PQR documents & EMD separately. Financial bid, shall be accepted through online mode only .
h)	Date of opening of Bid	The bids shall be opened on 31 st August 2022-10.30 Hrs

Note:

1. Work of similar nature means AMC/repair and maintenance of air circuit breakers/VCB/APFC Panel/synchronizing panels etc associated with LT Panels including preventive & breakdown maintenance. Documentary evidence for each similar work should contain performance certificate from client clearly indicating full details of nature of work, work order no. and date, client address, value of work as per work order and as per actual carried out, period of AMC work as per work order and as per actual.
2. Photocopies of the completion certificates/award letters should be submitted along with the tender. Completion certificate issued by the reputed organization / MNC shall also be accepted. In case of certificates issued by the private party, copies of TDS should also be enclosed.
3. While applying for the tender document, the intending tenderers shall furnish proof of experience certificates, works completed/awarded,

valid work contract tax /SGST/CGST as applicable.

4. The tender shall be completed in all respect and should be signed by the Authorized Signatory of Tenderer on all the pages and duly signed all pages of tender shall be placed with Technical Bid. Also the company stamp shall be placed under the signature of person on each and every page of tender document.
5. All the columns of the tender shall be duly, properly and exhaustively filled in. The rates and units shall not be overwritten. The rates shall always be both in figures and words.
6. Bids without Earnest Money will be summarily rejected. Earnest Money Deposit of the unsuccessful bidders will be returned to them after completion of the tendering process.
7. The bidders having valid registered with NSIC, DIC or Udyog Aadhar shall be exempted from the submission of EMD. However, in case the said registered contractor become L-1, he will have to deposit the security deposit after award of the work. The copy of the said certificate shall also be enclosed with the tender document for availing the benefits.
8. Canvassing, whether directly or indirectly in connection with tender is strictly prohibited and the tender submitted by the contractors who resort canvassing will be liable to be summarily rejected.
9. Complete tender document available on our website www.idsa.in, any further corrigendum/addendum to this tender document shall be made available on aforesaid website. It is therefore, requested that the bidders may regularly visit the website for checking any corrigendum/addendum to this document.
10. Special provision for Micro & Small Enterprises:
Micro and Small Enterprises (MSEs) participating in the tender will be given benefit as per Public Procurement Policy, 2012. Further, the MSEs owned by SC/ST entrepreneurs will also be given benefits as per Public Procurement Policy, 2012. The definition of MSEs owned by SC/ST is as given under:
 - a) In case of proprietary MSE. Proprietor shall be SC/ST
 - b) In case of partnership MSE, the SC/ST partners shall be holding atleast 51% shares in the unit.
- c) In case of Private Limited Companies, at least 51% share shall be held by SC/ST promoters. Document to claim benefits shall be enclosed in Technical Bid.

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INSTRUCTION TO THE TENDERERS

The Tender shall be submitted in accordance with these instructions and any tender not confirming to the instructions as under is liable to be rejected.

These instructions shall form part of the tender and contract.

1. The AMC is for preventive as well as for breakdown maintenance of equipments and accessories fitted with LT/HT Panels installed at MP-IDSA, New Delhi.
2. The intending Tenderer, in case of authorized Distributor / Dealer shall possess valid authorized Distributorship / Dealership license from manufacturers. He shall enclose the copy of the same along with the tender in Technical bid.
3. Preventive maintenance service would be carried out by the Service provider regularly to keep the equipment running in a trouble free condition during the period of contract. All the faults will be attended at site of Institute.
4. Before quoting the rate contractor may visit the site to judge the conditions of existing ACB/VCBs. Incomplete and unsigned quotations are liable to be rejected.
5. **TIME PERIOD:**
The AMC shall be for two years and the Institute reserves the right to enter into AMC for further one year on the same terms and conditions depending on the services rendered by the bidder. The AMC shall be in force for the period of two years from the date of award the work.

6. **Eligibility criteria for undertaking the job:**
- a. The service provider must be a firm/company engaged in maintenance of Air Circuit breakers/vacuum circuit breakers. The bidders must be OEM /Authorized Channel partner of L&T of Delhi region only and must have operational office in Delhi NCR.
 - b. The service provider must have an experience in maintenance & operation of ACB/VCB/APFC Panels and must have executed similar work and should provide documentary evidence in this regard.
 - c. Service providers should furnish SGST, CGST, VAT Registration & other statutory requirements if any as applicable.
 - d. Self attested copy of documentary proof as required above must be furnished along with bid and in case the required information and documents with the bid are not furnished, the tender shall be rejected.
7. The tender shall be completed in all respect and should be signed by the Authorized Signatory of Tenderer on all the pages and duly signed all pages of tender shall be placed with Technical Bid. Also the company stamp shall be placed under the signature of person on each and every page of tender document.
8. All the columns of the tender shall be duly, properly and exhaustively filled in. The rates and units shall not be overwritten. The rates shall always be both in figures and words.
9. MP-IDSA reserves the right to reject any tender/ bid wholly or partly without assigning any reason.

10. Nothing extra shall be paid on account of any discrepancy in nomenclature of items. The Tenderer should seek clarifications(if any) before submitting the tender.
11. While submitting the tender, any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender are liable to be rejected.
12. Any cutting/over writing etc. in the tender must be signed by the person who is signing the tender.
13. Conditional Tenders would not be accepted, and are liable to be rejected.
14. The Earnest Money deposit of Rs. 6,000 (Rupees SixThousand only) by way of DD drawn in favor of "IDSA, New Delhi ." Payable at New Delhi" shall be submitted in the first envelope. No Cheque or cash towards Earnest Money deposit shall be accepted. The offers without Earnest Money Deposit will be rejected.
15. The EMD deposited by the successful tenderer shall be converted into security deposit. The EMD of the rest of bidders will be refunded after award of the contract.
16. Successful Tenderer will have to deposit an amount of 10 per cent of the quoted amount as a performance Security Deposit in the form of an Account Payee Demand Draft /FDR/BG drawn in favour of "**MP-IDSA.**" Payable at New Delhi".
17. MP-IDSA has right to verify the particulars furnished by the bidder independently.
18. The Tenderer agrees that the rates submitted shall remain valid for acceptance for a period of 120 days from the date of opening of Bid .

19. The performance of the firm shall be reviewed in every quarter and if the performance is not found satisfactory, the contract will be terminated by giving on 30 days' notice.
20. The repair of equipments should be done as per schedule, failing which MP-IDSA reserves the right to get any other authorized party to service the ACB/VCB and the difference in cost (if any) in such cases will be recovered from the payable amount or from the EMD/ Security deposit of the bidder.
21. The financial bids of the participants which are found to meet all the requirements as specified in the bid document will be considered for evaluation. Only the authorized representative of the firms will be present during the opening of bid.
22. Complete tender document available on our website www.idsa.in, any further corrigendum/addendum to this tender document shall be made available on aforesaid website. It is therefore, requested that the bidders may regularly visit the website for checking any corrigendum/addendum to this document.
23. In the event of any dispute the legal matter shall be subjected to the jurisdiction of Delhi Court only.
24. All the communication with respect to the tender shall be addressed to:

Assistant Director ,(Admin),
MANOHAR PARIKAR INSTITUTE FOR DEFENCE STUDIES AND ANALYSES
SHANKAR VIHAR DELHI CANTTNEW DELHI -110010

We hereby confirm our acceptance to the instructions (S.No-1 to 24 above) as given above.

SIGNATURE OF THE CONTRACTOR

GENERAL CONDITIONS OF CONTRACT

1. Institute shall mean ‘Manohar Parrikar Institute for Defence Studies and Analyses . (An Autonomous body of Ministry of Defence) ‘MP-IDSA , Shankar Vihar , Delhi Cantt , New Delhi-110010 and shall include their legal representatives, successors and permitted assigns.
2. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and its parts from its positions until and unless it is authorized by the Engineer-in – Charge.
3. The bids should be valid in the case of all the tenders for at least 4 months from the date of opening of the tender. In the case of the successful tenderer, rates quoted shall be valid for the entire period of the contract.
4. The Contractor shall inspect and examine the Site and its surrounding and shall satisfy himself before submitting his tender as to the nature of the Site, the quantities and nature of works and material necessary for the providing the services.
5. The entire installation should be intact at any time of inspection as was handed over to him at the time of initial taking over of its maintenance and operation. Care shall also be taken not to damage installation by improper handling.
7. The Contractor shall be deemed to have satisfied himself before tendering as to the Correctness and sufficiency of his tender for the works , rates and prices quoted in the Schedule of Quantities, which rates and prices shall except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the Works.

ABNORMAL RATES

The tenderer is expected to quote rate for each item after careful analysis of costs involved for the performance of the complete item considering technical specifications and conditions of contract. This will avoid a loss of profit or gain in case of curtailment or change of specifications for any item. If it is noticed that the unit rates quoted by the Tenderer for any items are usually high or unusually low, it

Will be sufficient cause for rejection of the tender unless the Institute is convinced about the reasonableness of the unit rates on scrutiny of the analysis for such unit rate to be furnished by the tenderer on demand. Notwithstanding anything there in stated, the rates once accepted by the Institute shall be final and shall not be subject to any change either on account of un-workability of unit rates or on any other ground whatsoever.

DEVIATIONS TO TENDER CLAUSES

Tenderers are advised to submit the tenderers strictly based on the terms and conditions and specification contained in the Tender Documents and not to stipulate any deviations. Conditional tenders are liable to be rejected

Security Deposit:

Total security deposit shall be 10 % of the accepted tender cost and shall be deposited by the contractor within ten (10) days of receipt of the letter of intent/notification of acceptance of the tender by him. The earnest money deposited shall be converted into initial security deposit.

All compensation or other sums of money payable by the contractor under the terms of this Contract or any other Contract or any other account whatsoever may be deducted from the security deposit.

Refund *of Security deposit*: Security deposit refundable without interest to the Contractor shall be refunded to the Contractor on the Engineer-In-Charge certifying in writing that the AMC period of 24 months has been completed satisfactorily.

Security Deposit will be forfeited in the event of the contract offered in full or in part not being fulfilled by the Tenderer/Contractor.

SSI units registered with the NSIC under its Single Point Registration Scheme will be exempted from submission of Security Deposit.

Labour:

a.) The Contractor shall employ its labour in sufficient numbers to maintain the required rate of progress and of quality to ensure efficient workmanship in the Contract and to the satisfaction of the Engineer-in-Charge. The Contractor shall not employ in connection with the Works any person who has not completed eighteen years of age.

b.) All the workers or employees deployed by the contractors shall be

considered the employees of contractor and Institute shall not have any liability what so ever in nature in regard to such workers/employees.

c.) The Contractor shall in respect of labour employed by him or his sub-contractor comply with or cause to be complied with the Contractor Labour Regulation in regard to all matters provided therein.

d.) The Contractor shall comply with the provisions of the payment of Wages Act, 1936, Minimum Wages Act, 1948, Employers' Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefit Act, 1970 or any modification thereof or any other law relating thereto and rules made there under from time to time.

e) The Contractor shall indemnify and keep indemnified the Institute against:

- i) Any claim arising out of third party loss/ damage to life or property caused by/ during execution of the work.
- ii) Any claim arising out of loss/ damage to the workmen engaged by the contractor during execution of the work.
- iii) Any claim due to non-compliance of applicable PF/ Labour laws, ESI regulations etc.

PAYMENT TERMS AND CONDITIONS:

1. No payment in advance shall be considered.
2. Payment will be made on quarterly basis after satisfactory services certified by the engineer in charge. Quarter shall mean three months. No extra charges will be paid for attending the complaint.
3. The present quantity may vary due to condemnation of equipment or new purchase during the period of AMC. Payment in such cases would be made on proportionate basis considering the period of such AMC.
4. The repair of equipments should be done as per schedule failing which MP-IDSA reserves the right to get any other authorized party to service the ACB/VCB and the difference in cost if any in such cases will be recovered from the payable amount or from the EMD/ Security deposit of the bidder.
5. Statutory taxes like income tax, work contract tax/service tax etc. as applicable in the state shall be deducted from the payment.
6. This is the sole responsibility of the contractor to submit the service reports of scheduled / breakdown service report at the time of submission of bill.

Income Tax/SGST/CGST

Income tax including surcharge if any, at the prevailing rate shall be deducted from the Contractor's bills as per the provision of Income Tax Act. The Contractor shall ascertain from the concerned commercial tax department regarding the applicability of Works Contract Tax / CGST/SGST. Necessary deductions will be made from the contractor's bill as applicable.

REVIEW OF CONTRACT:

The performance of the firm shall be reviewed in every quarter and if the performance is not found satisfactorily, the contract will be terminated by giving on 30 days' notice.

Tool and Plants:

The required tools and plants for carrying out the work shall have to be arranged by the Contractor at his cost and no tools will be arranged by MP-IDSA. The Contractor shall keep all required tools at site.

Other terms & conditions

- During this period the contractor will be liable for 04 times overhauling/servicing of ACB/VCBs during the period of contract. The 1st overhauling is supposed to be carried out at the start of the season/contract.
- The contractor should deploy adequate number of skilled/semi-skilled persons for servicing/overhauling of ACB/VCBs. The technicians are to be competent and have experience in handling ACB/VCBs .
- The contractor must ensure warranty provided by him for the supplied material and workmanship is 12 months from the date of its installation. If any material supplied by contractor or workmanship of contractor is found defective during this period, such defects would have to be removed by the contractor free of cost.
- Any part taken out for repairing or changing or for any other purpose must be authorized by engineer in charge by valid gate pass.
- The contractor has to maintain a register for the periodical inspections, which have to be signed by officer in - charge of Institute the contractor should depute only qualified/experienced technicians for carrying out the preventive maintenance work.
- Arrangement of necessary tools, instruments and other necessary items for operation, maintenance and servicing work will be the sole responsibility of the contracting agency.
- The Institute shall supply the materials and spare parts. The contractor should intimate the essential and necessary spare parts during contract period in the offer so that it can be considered procured by Institute for ready requirement.
- Scrap generated out of replacement or during work is to be handed over to the MP-IDS A against written documentation.

- During the process of overhauling or routine maintenance if any modification/improvement of plant is required to be undertaken that has to be cleared by the Engineer In charge in writing.
- Supervision of personnel provided by the Contractor shall be his responsibility. The Contractor shall ensure the quality of job performed by his personnel and in case of any complaint; the Contractor shall have to replace the concerned personnel.
- As far as possible, the contractor will engage same manpower for the job defined in the work-scope so that there is continuity of work and the job quality does not suffer.
- MP-IDSA shall not be responsible for payment of wages and/ or any other emoluments to the personnel/workers of the Contractor so deployed and it shall be the sole responsibility of the Contractor to make payment to the said personnel/workers in time and the Contractor shall at all time keep Institute indemnified against any claim from its personnel/workers in this regard.
- All records, documents under various statutory provisions including ESI/PF/Disbursement of monthly Wages shall be maintained by the Contractor and shall be open for inspection by an authorized representative of Institute and Government Agencies.
- The service provider shall at his own risk and cost ensure that his employees deployed to carry out the work of Institute are insured against all attendant risks that may be associated with the job.
- In case any material/property of the MP-IDSA is damaged due to misuse or mishandling or carelessness by the Contractor or his employees, the Contractor will immediately inform the Engineer in charge or authorized Head of Estate Cell. In such a case, the Contractor will be liable to replace the item at his own cost or the Institute shall have the right to recover the loss from the Contractor's bill. The decision of the MP-IDSA in this matter will be final.

PENALTY:

- I. Penalty @ Rs. 500/- per day shall be deducted from the payment if complaints are not attended within the given period of time or within 12 hrs. from the time of lodging the intimation.*
- II. After carrying out the repair, the service personnel shall submit the service report.*
- III. In case of major breakdown where the Institute facing non supply of electricity due to breakdown in ACB/VCB, Contractor has to respond immediately (within 02 Hrs) and ensure electric supply first . Clause (I) shall become ineffective and contractor shall ensure to restore electricity first . Rs 10000/- penalty shall be imposed and contract shall be terminated immediately in case of negligence by the Contractor.*

Contract Period:

The AMC shall be for two years and can be extended for another one year on mutually agreed terms and conditions depending on the services rendered by the bidder. The AMC shall be in force for the period of two years from the date of award the work.

Safety Clause

The contractor shall ensure necessary safety measures in compliance with standard norms and practices for preventive and breakdown maintenance of Air Circuit breakers/VCB/APFC Panels.

SIGNATURE OF THE CONTRACTOR

**MANOHAR PARRIKAR INSTITUTE FOR DEFENCE STUDIES AND
ANALYSES ,SHANKAR VIHAR DELHI CANTTNEW DELHI -110010
,NEW DELHI - 110020**

(Undertaking from Tenderer)

To,
The Assistant Director (Admin)
Manohar Parrikar Institute for
Defence Studies and Analyses
,Shankar Vihar , Delhi Cantt-
10010.

Name of work :	Non-Comprehensive Annual Maintenance Contract (AMC) for Air Circuit Breakers and VCB associated with LT/HT Panels Installed at MP-IDSA , NewDelhi-110010.
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Dear Sir,
HAVING EXAMINED AND PERUSED THE FOLLOWING
DOCUMENTS

- Notice Inviting Tender
- Instruction to the Tenderer
- General Conditions of Contract
- Format & Requirement for submitting Technical Bid
- Format & Requirement for submitting Financial Bid
- Technical Specifications of items for which tender issued

I/Wedo hereby submit tender for Non-Comprehensive AMC of ACB/VCBs associated with HT/LT Panels installed at MP-IDSA , New Delhi-110010, as per the quoted rate and in all respects in accordance with the conditions applicable.

I/We enclose herewith a Bank Draft /Pay Order for Rs.6, 000/- as Earnest money. I am aware that the Earnest Money will not bear any interest.

If this tender is accepted, I/We agree to abide by and fulfill all the terms and provisions in the tender documents and agree to enter into an agreement with all the conditions that may be stipulated by the Institute or in default there of pay to the Institute the sum of money mentioned in the said condition without prejudice to any other right of the Institute.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of electricity supply in the Institute, including the scope and nature of duties expected from the Tenderer.

I/We distinctly agree that I/We would hereafter make no claim or demand upon the MP-IDSA based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said contract, agreements, stipulations, restrictions and conditions.

Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein.

I/We fully understand the terms and condition of the contract to be entered into between me/us and the Institute and the written agreement shall be foundation of the rights of both the parties and the contract shall not be deemed to be completed until an agreement has been signed by me/us and the MP-IDSA.

Date this day of2022

Name of the Tenderer/s:

Seal:

Authorized Signatory:

With complete address, phone/fax numbers

**MANOHAR PARRIKAR INSTITUTE FOR DEFENCE STUDIES AND
ANALYSES , SHANKAR VIHAR DELHI CANTT, NEW DELHI -110010**

DECLARATION

(To be given by Tenderer at the time of submission of complete tender)

Name of work: Non-Comprehensive Annual Maintenance Contract
(AMC) for Air Circuit Breakers and VCB associated
with LT/HT Panels installed at MP-IDSA, New
Delhi-110010.

I/We have read the Tender documents and related matters carefully and diligently and that I/We have submitted the tender after having studied, understood and accepted the full implications of the agreement.

The requirements of the tender agreement as stated above will be fulfilled by me/us to the satisfaction of the MP-IDSA.

Tenderer:

Seal:

(Authorized Signatory):

(To be submitted along with the tender document)

Enclosures: (Details shall be given for the documents attached)

- 1.
- 2.
- 3.
- 4.

ANNEXURE-A

Scope of work

Servicing/overhauling of Air Circuit Breakers (ACBs)/VCB four times in a year after 03 months or as per site requirement to keep them in good condition, which includes the following works:-

- 1.1 Air cleaning with blower i/c cleaning of circuit breaker body and bushings.
- 1.2 Cleaning and assembling of front cover, push button, locking latches etc.
- 1.3 Cleaning and assembling of arc chute cover and cover and terminal shield.
- 1.4 Cleaning and assembling of chassis.
- 1.5 Cleaning and tightening of every point of auxiliary and control unit connection block.
- 1.6 Cleaning, greasing and assembling of hand pullout System, racking mechanism of chassis and function position indicators.
- 1.7 Cleanings, checking and assembling of arc chute.
- 1.8 Physical inspection of main contact.
- 1.9 Use of anti-corrosion spray where required
- 1.10 Physical inspection and setting of contact gap & pull rod.
- 1.11 Inspection, cleaning and setting of tripping releases.
- 1.12 Cleaning, checking/testing and assembling of tripping Coil/ closing coil.
- 1.13 Checking and sealing of cable entry holes
- 1.14 Cleaning and assembling of electrical spring charging motor.
- 1.15 Cleaning, greasing and assembling of mechanical charging system.
- 1.13 Cleaning, greasing and assembling of jaw contacts.
- 1.14 Testing the closing time, tripping time and springtime as per standards.
- 1.15 Checking and measuring the closing coil resistance, trip coil resistance and Contact resistance.
- 1.16 Lubricating the inner mechanism roller and other linkage and knife.
- 1.17 Applying petroleum jelly on cluster contact.
- 1.18 Cleaning of all components of ACBs/VCB should be done with petrol and Contacts with CRC as per standard.
- 1.19 Touch up painting wherever required

- 1.20 Final testing of the circuit breaker for its electrical/mechanical functions.
 - 1.21 Recharge time of operating mechanism after specified sequence.
 - 1.22 Checking breaker Operation (Local/Remote operation).
 - 1.23 Checking and adjustment of Track alignment and Interlocking mechanism
2. Any complaint of ACBs/VCB has to be attended free of cost within a specific period of time given by Engineer in charge or his authorized representative. Spare parts would be provided by MP-IDSA.
 3. The breakdown maintenance or repair work has to be carried out free of cost with materials within a specific period of time given by Engineer-in-charge or his authorized representative. The field service reports shall be submitted by the service engineer, for the fault attended & remedial action taken & suggestion /advices if any.
 4. The damaged/rusted or not working components has to be replaced free of cost with new one. Spare parts would be provided by MP-IDSA.
 4. Providing all types of tools to carryout the work in time.
 5. Providing the cleaning materials like petrol, CRC, Collin, cloths, etc.
 6. Routine inspections and checking of ACBs/VCB as per Standard of Company has to be carried out on quarterly basis and reports have to be submitted accordingly.
 7. The contract of work does not include free repair to damages caused by Calamities, fire, accident, vandalism, negligence, mishandling, misuse or tempering.
 8. All the work has to be carried out without hampering the utilities of premises.

FINANCIAL BID

<u>Schedule of items, quantities and price</u>					
S. No.	Description	Unit	Qty	Rates (Rs.)	Amount (Rs.)
1.	Non-Comprehensive AMC of air circuit breakers of having capacities 800A/1000A/1250A Installed in L.T.Panel at sub-station, MP-IDSA Office Complex, New Delhi as per scope of work. Make: - L&T.	Nos	05		
2.	Non-Comprehensive AMC of L&T make aircircuit breakers of having capacities 1600 A Installed in L.T.Panel at sub-station, Office Complex.	Nos	09		
3.	Non-Comprehensive AMC of L&T make aircircuit breakers of having capacities 2000A Installed in L.T.Panel at sub-station, Office Complex.	Nos	01		
4.	Non-Comprehensive AMC of ABB make aircircuit breakers of having capacities 3200A Installed in L.T.Panel at sub-station, Office Complex.	Nos	02		
5.	Non-Comprehensive AMC of L&T make aircircuit breakers of having capacities 4000A Installed in L.T.Panel at sub-station, Office Complex.	Nos	02		
6.	Non-Comprehensive AMC of 4000A, 3P Vacuum circuit breakers make A B B / A l s t h o m Installed in HT Panel at 11kv sub-station.	Nos	03		
	Total	22 Nos			
	GST (CGST+SGST) Rs.				
	G.Total Rs.				

Total in words: -

Signature of authorized representative of tendered along with the stamp)

Note: the AMC is for 02 years. However, the parties are requested to quote the rates for 01 year.