



Tender No: CDACP/LB/Secure Cluster-Elect/2021/24-2190, date: 03rd June 2021

C-DAC, Pune invites On-Line bids for LT Electrical & Allied Works at Third & fourth floor Secure Cluster room at C-DAC, Pune.

Prospective Bidders may download the Tender Document from www.cdac.in / <https://eprocure.gov.in/eprocure/app>. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission' before uploading the bids through <https://eprocure.gov.in/eprocure/app> as per terms and conditions given in the Tender Document. The Tender document fee of Rs. 500/- (non-refundable) and EMD undertaking needs to be submitted.

Centre for Development of Advanced Computing
A Scientific Society of Ministry of Electronics & Information Technology,
Government of India
Innovation Park, Panchavati, Pashan Road, PUNE- 411008.
Tel: +91-20-25503673
mmg@cdac.in



TENDER SCHEDULE

Tender No **CDACP/LB/Secure Cluster-Elect/2021/24-2190**

Name of the Institute	Centre for Development of Advanced Computing, Innovation Park, Panchavati, Pashan Road, PUNE 411008.
Place of Supply, Installation & Commissioning, Support etc.	Centre For Development of Advanced Computing, Innovation Park, Panchavati, Pashan Road, PUNE 411008
Date of Release of Tender	03 rd June 2021
Date of pre-bid meeting	ONLINE – 10th June 2021, 1200 Hrs
Last date of submission of bids	22 nd June 2021, 1500 Hrs
Date of opening of Technical bids	22 nd June 2021, 1530 Hrs
Place of opening of technical bids	C-DAC, Pune 411008.
Bank Details for submitting Tender Fee online	BANK NAME : IDBI Bank BRANCH ADDRESS: Gokhale Road, Pune – 411016 Account No: 60010010004258 IFSC / NEFT Code: IBKL0000600

Instruction for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates.

REGISTRATION:

- Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (url: <https://eprocure.gov.in/eprocure/app>).
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others, which may lead to misuse.
- Bidder then logs into the site through the secured login by entering their userID / password and the password of the DSC / eToken.

PREPARATION OF BIDS:

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of



documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100dpi with black and white option.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use 'My Space' area available to them to upload such documents. These documents may be directly submitted from the 'My Space' area while submitting a bid, and need not be uploaded repeatedly. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS:

- Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission,
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids, the portal will give a successful bid submission message and a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

ASSISTANCE TO BIDDERS:

Any query relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24*7 CPP Portal Helpdesk on :- 0120-4200 462, 0120-4001 002, 0120-4001 005, 0120-6277 787, e-mail for Technical - support-eproc@nic.in.



SECTION I: INVITATION FOR BIDS (IFB)

1. Introduction:

Centre for Development of Advanced Computing (C-DAC) - is a scientific society under the administrative control of Ministry of Electronics & Information Technology, Government of India.

To enhance the infrastructure, C-DAC invites the bids from eligible bidders for Supply, Installation and commissioning of LT Electrical & Allied Works at Third floor & fourth Secure Cluster room at C-DAC, Pune, as per terms and conditions specified in this document. The details technical specifications are given in "Section – IV: Schedule of Requirements" of this document.

2. Contact information:

Mr. Satyabrata Mishra, PTO
Centre for Development of Advanced Computing (C-DAC)
Innovation Park, PANCHAVATI, Pashan Road, PUNE 411008
Tel No.: +91-20-25503673 / 694 / 676
E-mail: mmg@cdac.in,

3. Two e-bids System:

The two e-bids system will be followed for this tender. In this system, bidder must submit their offer - online in separate packets as explained below:

Online e-Packet No. 1: "Technical e-Bid" shall contain following documents in .pdf format only:

- a. Covering letter, as per **Annexure – A**.
- b. Authority letter, as per **Annexure – B**.
- c. Scanned copy of Demand Draft / e-payment (preferable mode) receipt towards tender fee of Rs. 500/- (Rupees Five Hundred Only) drawn in favour of C-DAC payable at Pune. The original DD must be submitted physically at the place of Opening of the Tender on or before the Due Date & Time of the Tender.
- d. Undertaking as per **Annexure - C** towards Earnest Money Deposit.
- e. A copy of Certificate of Incorporation, Partnership Deed / Memorandum and Articles of Association / any other equivalent document showing date and place of incorporation, as applicable of the bidder.
- f. Copies of PAN and GST registration certificates.
- g. Duly filled Technical Bid (**as per Section – IV**) with proper seal and signature of the authorised person (with name, designation, email id & contact no.).
- h. The copy of documents in support of eligibility criteria stipulated at para 4(c) & 4(d) , Section – II.
- i. Relevant document giving address details of bidder's registered/ branch office in Pune / Mumbai area.
- j. Copy of LT Electrical Contractor license in the name of bidder, issued by competent authority.
- k. A photo copy of the commercial bid without prices (**prices blocked**) with line item break-up of items as you will use for raising the final invoice and the GST % of each item. C-DAC reserves the right to reject the bid if these details are not submitted along with the technical bid document.
- l. Bidder's declaration as per format given in **Annexure – F**.
- m. Other documents necessary in support of eligibility criteria, product catalogues, brochures etc. whichever applicable.



Note: C-DAC reserves the right to reject the bid, if any of the above listed document/s is not submitted.

On-line ePacket 2: “Commercial eBid “ shall contain: (.xls format only)

The Commercial e-Bid completed in all respects as per format given in Section – V of this document.

4. Pre-bid Meeting:

The pre-bid meeting will be held on-line as given in schedule to sort out/resolve queries raised by the prospective bidders regarding the scope, technical specifications, terms & conditions etc. The prospective bidders requiring any clarification of the bidding document may send their queries in writing through e-mail at mmg@cdac.in. C-DAC will respond to these queries during the pre-bid meeting. The queries/doubt/clarifications etc. must be sent at least two days prior to the date of pre-bid meeting. The link for on-line meeting will be sent on e-mail.

5. Last Date of uploading of ebids and opening of the Technical ebids – Online.

- Last date (DUE DATE) for uploading of e-bids through: www.eprocure.gov.in/eprocure/app - against the tender id, as per the '**TENDER SCHEDULE**' above.
- Technical e-bids will be opened 'Online' through www.eprocure.gov.in/eprocure/app against the tender id, as per '**TENDER SCHEDULE**'
- The e-bids must be submitted on-line. The Tender Fees must be submitted/deposited in person or through post/ courier (C-DAC shall not be responsible for any postal delays or any other reason for not submitting the tender fees & EMD etc. in the specified time and resulting in disqualification / rejection of any bid) **so as to reach on or before the due date and time of the uploading of the tender.**
- In case bidder requires any clarifications / information, they may contact C-DAC address given in '**TENDER SCHEDULE**'.

Note: Please do not put "Commercial e-Bid" (prices quoted) in the technical bid packet. If the price quoted is submitted / leaked with technical e-bid the tender will be rejected at the sole discretion of C-DAC.

6. Opening of commercial ebids

- Commercial e-bids of the qualified bidders only will be opened **on-line**, who choose to attend, at the time, place and date to be informed later.
- The bidder's name, bid prices summary and other appropriate details will be displayed at the time of the opening of the commercial e-bids.

(END OF SECTION I)



SECTION II: INSTRUCTIONS TO BIDDERS (ITB)

1. Locations for Supply, Installation & Warranty Support etc.:

Centre for Development of Advanced Computing (C-DAC)
Innovation Park, Panchavati, Pashan Road,
Pune - 411008. INDIA.

2. Delivery Period:

The LT Electrical & Allied Works should be completed within 45 days from placing the work order, positively.

3. Order Placement & Release of Payment:

The Work Order(s) and payments shall be released by:
Centre for Development of Advanced Computing (C-DAC)
Innovation Park, Panchavati, Pashan Road,
Pune - 411008. INDIA

4. Eligibility Criteria:

The bidders must comply with the eligibility criteria stipulated below.

- The Bidder shall be an entity registered/ incorporated in India as per relevant laws/rule (Submit Copy of ROC)
- The must have LT Electrical Contractor license in their name, issued by competent authority.
- The bidder must have successfully completed at least One similar works, costing not less than the amount equal to Rs. 10 Lakhs in last 5 Years. ("Similar work means- LT Electrical & Allied Works- Documentary evidence for similar experience is to be furnished of completed works in form of Work order/Satisfactory Work Completion Certificate & Order should be directly in the name of the bidder)
- The Bidder must have Branch office (Address proof to be submitted along with registration certificate) in Pune/ Mumbai area (Attach Proof-Shop Act)
- The contractor must not be black listed / debarred from bidding by any Government Department, PSU or Autonomous institution, as on date of submission of bids.

5. Vendor is strictly advised/required to visit site prior to bid submission and understand site conditions.

6. Exemptions:

If in the view of bidder, any exemption / relaxation is applicable to them from any of the eligibility requirements, under any Rules / process/ Guidelines/ Directives of Government of India, bidder may submit their claim for the applicable exemption /relaxation, quoting the valid Rule/ process/ Guidelines/ Directives. In this case the bidder must submit necessary and sufficient documents along with the technical bid, in support of his claim. The decision about granting the exemption/ relaxation will be taken by the bid evaluation committee which is empowered to grant exemption/relaxation. The relevant and valid certificates in support of claim of exemption must be submitted.

The bidders should provide sufficient documentary evidence to support the eligibility criteria. C-DAC reserves the right to reject any bid not fulfilling the eligibility criteria.

7. Amendment to Bidding Documents



- At any time prior to the deadline for submission of bids, C-DAC may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.
- The amendments to the tender documents, if any, will be notified by release of Corrigendum Notice on www.eprocure.gov.in/eprocure/app / www.cdac.in/tender against the tender id. The amendments/ modifications will be binding on the bidders.
- C-DAC at its discretion may extend the deadline/Due Date for the uploading of ebids if it thinks necessary to do so or if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into consideration the amendments while preparing their bids.

8. Preparation of e-Bids

- Documentary / Eligibility checklist as per **ANNEXURE - E** should be submitted and documents should be enclosed in the seriatim as mentioned in the checklist. Proper page numbers should also be mentioned in the attached technical document.
- A neat and clean eBids is expected to be uploaded in the form of pdf. Bidder should avoid, as far as possible, corrections, overwriting, erasures or postscripts in the bid documents.
- In case however, any corrections, overwriting, erasures or postscripts have to be made in the bids, they should be supported by dated signatures of the same authorized person signing the bid documents. However, bidder shall not be entitled to amend/ add/ delete/ correct the clauses mentioned in the entire tender document.
- The Bid documents shall be neatly arranged. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.

9. Earnest Money Deposit (EMD)

- The bidder must submit EMD / bid security declaration, as given in **Annexure-C**, subject to the conditions stipulated therein
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10. Period of validity of bids

- a) **Bids shall be valid for minimum 120 days from the date of submission. A bid valid for a shorter period shall stand rejected.**
- b) C-DAC may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. A bidder agreeing to the request for extension will not be permitted to modify his bid.
- c) C-DAC reserves the right to place the order within the mentioned validity period i.e. 120 days from the date of submission of bid.

11. Deadline for Submission of e-Bids

- Bids must be uploaded before the due date and time as mentioned in the tender document.
- C-DAC will not be responsible for any issues arising/pertaining with the eprocure.gov.in/eprocure/app portal for non-submission, failure in submission of ebids online.
- C-DAC may extend this deadline/Due Date for uploading of bids by amending the bid documents and the same shall be suitably notified.



12. Late Bids

C-DAC shall not be responsible and liable for the delay in receiving the ebid for whatsoever reason.

13. Bid Opening & Evaluation of eBids

- The bids will be examined based on eligibility criteria stipulated at Pt. 4 of Section – II to shortlist the eligible bidders.
- The technical bids of only the short-listed eligible bidders shall be evaluated based on technical specifications stipulated at Section – IV.
- The bidders whose technical bid is found to meet both the requirements as specified above will qualify for opening of the commercial bid and will be informed about the date and time of the opening of the commercial bid.
- The duly constituted Tender Evaluation Committee (TEC) shall evaluate the bids. The TEC shall be empowered to take appropriate decisions on minor deviations, if any.

14. Comparison of Bids

- Only the short-listed bids from the technical evaluation shall be considered for commercial comparison.

15. Award of Order

- C-DAC shall award the order(s) to the eligible bidder whose technical bid has been accepted and determined as the **lowest** evaluated commercial bid (including GST) based on the price of the Commercial Bid. However, C-DAC reserves the right and has sole discretion to reject the lowest evaluated bid.
- If more than one bidder happens to quote the same lowest price, C-DAC reserves the right to decide the criteria and further process for awarding the contract, decision of C-DAC shall be final for awarding the contract.
- **Before placement of order, the successful bidder is required to submit a detailed Bill of Material, giving line-item prices and GST. C-DAC will place order based on this Bill of Material keeping the total price (including GST) quoted by the bidder unchanged.**

16. Purchaser's Right to amend / cancel

- C-DAC reserves the right to amend the eligibility criteria, commercial terms & conditions, Scope of Supply, technical specifications etc.
- At the time of award of contract or during the implementation of project, C-DAC reserves the right to increase / decrease the quantity of goods, works or services originally specified in this document by upto (+/-) 15%. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents.
- C-DAC reserves the right to cancel the entire tender without assigning any reasons thereof.

17. Corrupt or Fraudulent Practices

- It is expected that the bidders who wish to bid for this project have highest standards of ethics.
- C-DAC will reject bid if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract;
- C-DAC may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the award / execution of contract.



18. Interpretation of the clauses in the Tender Document / Contract Document

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, the interpretation of the clauses by Director General, C-DAC shall be final and binding on all parties.

(END OF SECTION II)



SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)

1. Prices

1.1. The price quoted shall be considered firm and no price escalation will be permitted. (Except Govt levies/Taxes).

1.2. Bidder must offer in INR only.

1.3. The prices quoted must be “F.O.R.C-DAC, Pune” inclusive of Installation, packing, forwarding, freight, insurance, loading/unloading and allied charges till destination site(s) whichever applicable.

1.4. The bidder must quote the applicable GST appropriately in the price bid format provided. In case of any error, oversight in quoting GST rate, the lower of the actual rate quoted by the bidder or the actual tariff rate applicable will be paid. The difference in GST amount payable – if any will be borne by the bidder. In this case, the basic unit prices will be suitably adjusted by the bidder – if required.

C-DAC will not issue any concessional GST certificate.

2. Performance Security:

The successful bidder will be required to furnish the Performance Security for an amount equivalent to 3% of the order value, within 10 days of receipt of Work Order. The Performance Security should be submitted in the form of Demand Draft / Bank Guarantee / Online Payment RTGS/NEFT/IMPS drawn in favor of C-DAC payable at Pune. The Performance Security will be valid for the period till completion of installation and commissioning and will be returned upon completion of installation & commissioning of all items ordered commissioning of all items ordered.

3. Completeness Responsibility:

Notwithstanding the scope of work, engineering, supply and services stated in bid document, any equipment or material, engineering or technical services which might not be even specifically mentioned under the scope of supply of the bidder and which are not expressly excluded there from but which – in view of the bidder - are necessary for the performance of the equipment in accordance with the specifications are treated to be included in the bid and has to be performed by bidder. The items which are over & above the scope of supply specified in the Schedule of Requirements may be marked as “Optional Items”.

4. Payments:

- 95% payment shall be released only after satisfactory completion of work and satisfactory acceptance by CDAC.
- Remaining 5% will be held with CDAC as retention money or equivalent amount PBG has to be submitted till the defect liability period of one year from the date of satisfactory work completion. This 5% Retention Amount will be paid on completion of defect liability period of one year.

5. Penalty for delay

C-DAC reserves the right to levy penalty @ of 0.5 % of order value per week of delay beyond the schedule date of completion of work/ execution of the order successfully, subject to maximum of 5% of the order value.

In case there is any delay on the part of C-DAC in handing over the site to bidder or any period of delay the reasons for which are attributed to C-DAC, this period will not be considered for calculation of penalty. However, the delay on the part of bidder in delivery/installation of material, delay in site preparation, delay in submission of required documents to C-DAC etc. will be considered for calculating penalties.



6. Jurisdiction:

The disputes, legal matters, court matters, if any shall be subject to Pune jurisdiction only.

7. Force Majeure:

C-DAC may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the contract is the result of an Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states / state agencies, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises or any other act beyond control of the bidder.

8. Arbitration:

In case any dispute arises between the C-DAC and successful bidder with respect to this RFP, including its interpretation, implementation or alleged material breach of any of its provisions both the Parties hereto shall endeavour to settle such dispute amicably. If the Parties fail to bring about an amicable settlement within a period of 30 (thirty) days, dispute shall be referred to the sole arbitrator mutually appointed by both parties. If the sole arbitrator is not appointed mutually by both the parties then the District Court Pune shall have exclusive jurisdiction for appointment of sole arbitrator through court. Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and Rules made there under, or any legislative amendment or modification made thereto. The venue of the arbitration shall be Pune. The language of arbitration shall be English. The common cost of the arbitration proceedings shall initially be borne equally by the Parties and finally by the Party against whom the award is passed. Any other costs or expenses incurred by a Party in relation to the arbitration proceedings shall ultimately be borne by the Party as the arbitrator may decide. Courts in Pune only shall have the exclusive jurisdiction to try, entertain and decide the matters which are not covered under the Arbitration and conciliation Act.

9. Limitation of Liability:

The liability of the supplier arising out of breach of any terms/conditions of the order and addendums/amendments thereto, misconduct, wilful default will be limited to the total contract value.

However, liability of the supplier in case of loss of human life(if any), injury/damage caused to the personnel/property for the reasons attributed to the supplier or to any person deployed by supplier at C-DAC - will be at actuals.

In no event shall Party, its officers, directors, or employees be liable for any form of incidental, consequential, indirect, special or punitive damages of any kind.

10. Indemnity:

The successful bidder shall indemnify, protect and save C-DAC from/against any claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from/arising out of infringement of any Law /Rule by the bidder, pertaining to SITC of Electrical and allied work at C-DAC, Pune.

11. Assignment:

Selected bidder/ Party shall not assign, delegate or otherwise deal with any of its rights or obligation under this Contract without prior written permission of C-DAC.



12. Severability:

If any provision of this Contract is determined to be invalid or unenforceable, it will be deemed to be modified to the minimum extent necessary to be valid and enforceable. If it cannot be so modified, it will be deleted and the deletion will not affect the validity or enforceability of any other provision.

13. Termination:

In case of the delays in providing the stipulated services, and /or defect / delay / under or non- performance pertaining to the services / products supplied by the bidder, C-DAC will give written notice to the bidder directing to set the things right within 30 days of notice. If bidder fails to comply with the requirements, C-DAC shall have the right to terminate the contract and / or cancel the order/s. The successful bidder agrees and accepts that he shall be liable to pay damages claimed by C-DAC, in the event of termination of contract / cancellation of order, as detailed in this RFP. The successful bidder may terminate the contract by at least 30 days' written notice, only in the event of non-payment of undisputed invoices for 90 days from the due date. Except this situation, the successful bidder shall have no right of termination.

C-DAC will release the due amount payable to successful bidder towards the material and / or services provided till the date of termination, those are accepted by C-DAC. However, the amount towards penalty, if any will be deducted from the payable amounts.

C-DAC reserves the right to terminate the contract / cancel order with or without cause/ reason, by giving 90 days' notice to the successful bidder.

(END OF SECTION III)



SECTION IV – SCHEDULE OF REQUIREMENT

TECHNICAL SPECIFICATION FOR ELECTRICAL AND ALLIED WORK

1. GENERAL REQUIREMENTS (SCOPE OF ELECTRICAL INSTALLATION WORKS).

The general character and the scope of work to be carried out under this contract is Illustrated in Specifications and BOQ. The Contractor shall carry out and complete the said work under this contract in every respect in conformity with the contract documents and with the direction of and to the satisfaction of the Owner's site representative.

The Contractor shall furnish all labor, materials and equipment (except those to be supplied by the owner) as listed under Bill of Quantities and specified otherwise, transportation and incidental necessary for supply, installation, testing and commissioning of the complete system as described in the Specifications and as shown on the drawings.

This also includes any material, equipment, appliances and incidental work not specifically mentioned herein or noted on the Drawings/Documents as being furnished or installed, but which are necessary and customary to be performed under this contract.

The Contractor shall Prepare the execution drawings and as built-in- drawings.

Minor civil works like drilling and punching holes and openings in concrete floors, slabs, chasing of brick walls, fabrication of supporting structures, drainage of water from cable trenches, cleaning and clearing of all debris due to electrical installation.

Coordination with other contractors with regard to installation of items in Electrical Contractors scope.

The extent of work services under the contract includes all items shown on the drawings, indicated in companion with specifications, notwithstanding the fact that such items have been omitted from the price schedule. All equipments and services which are required to complete the intent of the contract shall also be deemed to be within the scope of the contract.

Training to Owner's Staff.

COMPLIANCE WITH STANDARDS.

STANDARDS:

Comply with the requirements of all relevant Indian Standards (IS) or equivalent British Standards (BS) regarding equipment manufacture, design and installation whether or not these are specifically mentioned in the Specification.

ALTERNATIVE STANDARDS:

International Standards (ISO) or (IEC) which are equivalent to the appropriate Indian Standard (IS) may be used. Other standards may be offered as an alternative only if submitted for approval along with the equipment manufacturer's written assurance that they are equal to BS, ISO or IEC Standards.

DISCREPANCIES:



In the event of a discrepancy between the Specification and any IS or BS or other approved standard request clarification in writing from the Engineer.

CODE, REGULATIONS AND STANDARDS

The installation shall conform in all respects to Indian Standard Code of Practice for Electrical Wiring Installation I.S.732-1982. It shall also be in conformity with the current Indian Electricity Rules Safety Codes and the Regulations and requirements of the Local Electrical Supply Authority.

Wherever this specification calls for a higher standard of materials and/or workmanship then those required by any of the above regulations, this specification shall take precedence over the said regulations and standards.

In general, the materials, equipments and workmanship not covered by the above shall conform to the following Indian Standards(latest),unless otherwise called for. Nothing in the enclosed specification shall be construed to relieve the contractor of this responsibility.

ASSOCIATED SERVICES WORKS.

The Contractor shall co-ordinate his Working Drawings with required co-ordination of all other works simultaneously going on at site.

TESTS:

1. Carry out all tests, adjustments and commissioning described in this Specification in order to give an effective working installation to the satisfaction of the Engineer. The work package contractor shall establish a database of all tests and test results and ensure that this is kept up to date. A record of the test results/ progress shall be recorded at each site meeting.
2. Adequate notice shall be given to allow the engineer to study, assess and review any test procedures to be witnessed. The minimum notice required shall be forty eight (48) hours.
3. The contractor shall submit a full method statement indicating the tests, and testing procedures to be carried out/ witnessed etc. Details of all instrumentation used shall be recorded.
4. The original test sheet of all tests witnessed by the Engineer must be signed and witnessed by the engineer and a copy of the test sheet handed over to the engineer immediately following the test(s).Any unsigned test record shall berejected by the engineer and the specific equipment/ plant item retested. Any cost associated with this retesting shall be borne by the work package contractor.

WORKMANSHIP:

Carry out all installations in a neat and workmanlike manner to the satisfaction of the Engineer.

WORKING DRAWINGS:

Provide drawings as described in this Specification.

SUPERVISION.

Provide, throughout the whole period in which installation work is being carried out, a suitably qualified site supervisor to oversee the complete installation work.

SAMPLES.

Provide samples of any materials to be used on site as and when requested by the Engineer.



Note that the Engineer may require the samples to be subjected to tests to ensure compliance with Indian/British Standard and other relevant specifications. The cost of such tests shall be borne by the Contractor. Adequate time shall be given in order to allow the Engineer to study, assess and review any sample offered.

STANDARDS AND CODE OF PRACTICE: -

The work shall be carried out as per the enclosed Specifications of work and the construction drawings to be issued from time to time. These specifications shall be read in conjunction with National Building Code, National Electrical Code 1985, Relevant Codes of Practices and Standards as issued by ISI and Indian Electricity Rules, CPWD specifications for electrical works (all with the latest amendments). The installation shall confirm in all respects to Indian Standard code of Practices. Following BIS codes shall be referred –

- a) National Electrical Code(Latest)
- b) IS: 694 – 1977: PVC insulated cables for working voltage up to and including 1100 volts
- c) IS: 732 -1989: Electrical wiring installation
- d) IS: 1225 -1938: Installation and Maintenance of power Cables up to and including 33 KV Rating
- e) IS: 1554: PVC insulated heavy-duty electrical cables.
- f) IS: 1860: Installation operation and maintenance of passenger and goods elevator.
- g) IS: 2309 -1989: Protection of building and allied structures against lightning.
- h) IS: 3043 -1987: Earthing
- i) IS: 3646 (Part-1) -1992: Interior Illumination
- j) IS: 3661 (Part-2) -1967: Current rating for cable
- k) IS: 3661 (Part-5) -1968: Current rating for cable
- l) IS: 5216 (Part-1) -1982: Recommendations on safety procedures and practices in electrical work.
- m) IS: 7098 (1 & 2): XLPE insulated cables
- n) IS: 10028 (Part-1) -1985: selection, Installation and Maintenance of Transformers
- o) IS: 10118 (Part-1) -1982: Selection, Installation and Maintenance of switchgear and Control gear

APPROVED MAKES: -

ITEM	MAKE
MCCB/MCB	SIEMENS / Schneider/ ABB/C&S//Legrand
TPN Switches & HRC Fuses	L&T/ SIEMENS/ Havells/ Schneider/ ABB/C&S
Distribution Board	Havells / Hager/ SIEMENS/Crompton/ MDS/C&S /Legrand
Cables	Polycab / Finolex / Havells /Universal/Asian/ Gloster
PVC insulated copper conductor wire	MK/ Polycab/ Finolex/RR
Lighting Fixtures (LED)	Wipro, Philips, GE
Switches & Plugs	Roma/ MK/ CG/ Schneider/Legrand
Fire Alarm Control Panel	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley/Apollo/Ravell
Repeater Panel	Secutron / Notifier / Edward / Bosch / Cooper/



	Siemens / Morley / Apollo/Ravell
Addressable Multi Criteria Smoke Detector	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
Addressable Strobe Cum Sounder	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
Addressable Sounder / Hooter	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
Addressable Manual Call point	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
Addressable Monitor Module	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
Addressable Control Module	Secutron / Notifier / Edward / Bosch / Cooper/ Siemens / Morley / Apollo/Ravell
FRLS Armoured Cable	Finolex / Neolex / Polycab / KEI / Ravin / Thermoflex / RPG / RR Kabel / Lapp
BMS	Schneider Electric /Honeywell/ Siemens/ Johnson Controls/Dixell
PA System	BOSCH /AHUJA
CCTV & NVR	Samsung, Honeywell, Hikvision, Bosch, Pelco, Panasonic, Siemens.
ACCESS CONTROL SYSTEM	Honey well, Cisco, Siemens, Technocrat, eSSL
Cassette Air Conditioner	Daikin , Blue Star, Carrier , Hitachi
Rodent Repellant System	Maser or Equivalent

HANDING OVER AND TAKING OVER OF WORKS / EQUIPMENT / SYSTEMS.

The Contractor shall hand over and the Owner shall take over the works/equipments/systems covered under this contract only after they have been completely installed, tested and commissioned in all respects by the Contractor to the entire satisfaction of the Owner. And all relevant test forms/certificates operation and maintenance manual's, as built drawings, etc. Incomplete/partly commissioned works/equipments/system will not be taken over by the Owner. **The warranty of equipment is for one year after successful installation and commissioning certified by CDAC.**

(END OF SECTION IV)



SECTION V – BOQ

Tender Inviting Authority: CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING (C-DAC), Innovation Park, PANCHAVATI, Pashan Road, PUNE 411008
Name of Work: Supply and Installation of LT Electrical & Allied Works at Third & fourth floor Secure cluster room at C-DAC, Pune.
Contract No: CDACP/LB/Secure Cluster-Elect/2021/24-2190
Name of the Bidder/ Bidding Firm / Company:
<u>PRICE SCHEDULE</u>
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units
	ELECTRICAL WORK		
1	MAIN LT PANEL / DB'S		
1.1	Supply and installation of 4-way, TPN, Metal type, Double Door (As approved by client / consultant / architect), RAW/AC DB , surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant) (Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.) a) 1 no., 40A, FP MCB, "C" curve type as incomer b) 4 nos, 10/16A, SP, MCB, "C" curve type +03 Nos.25/32 Amp,FP,MCB as outgoing Full Set as above	2	Nos
1.2	Supply and installation of 6-way, TPN, Metal type, Double Door (As approved by client / consultant / architect), UPS OUTGOING DB, surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant) (Note :- DB size & type selection shall be done with reference to the total number of modules / poles available in the DB which shall be suitable for housing of below mentioned switchgears & components forming a complete set.) a) 1 no., 63A, FP MCB, "C" curve type as incomer b) 18nos, 16/25/32A, SP, MCB, "C" curve type as outgoing Full Set as above	2	Nos
1.3.	Supply and installation of 4-way, TPN, Metal type, with Plain / Transparent Door (As approved by client / consultant / architect), UPS Power Distribution Board (UPSDB-outgoing) (for desks), surface / flush mounted on wall, interconnected wiring complete with earthing lugs, including DB wiring dressing with ferruling, termination of circuits with ping type copper lugs, blank plates, etc. housing following switchgears : (Schneider / Hager / Siemens / Legrand make as approved by client / consultant)-Server Room a) 1 no., 63A, TPN MCB, "C/D" curve type as incomer b) 12 nos, 16/20/32A, SP, MCB, "C/D" curve type as outgoing	1.00	No



	Full Set as above		
1.4	Supply & Installation of 20/32A, DP, MCB, box with 20A, metal clad / modular plug-socket including power circuit of (2x4 + 1x2.5) sq. mm FRLS copper flexible wires directly taken from the relevant DB through PVC conduits for room A/C including all necessary hardware & accessories, etc. (Schneider / Hager / Legrand / Siemens / L&T make)	9.00	Nos
2	CABELS / MAINS Supply & Installation of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall / ceiling using GI clamps & spacers as per route shown at site and further as directed by Consultant at site in the following sizes :- (Make - Polycab / Finolex / RR / Havells) NOTE :- All Armoured cables shall be provided with temporary labelling at every 5mtrs & then finally with metal identification tags showing the size & the location from/to the respective Panel / DB, at both the ends.		
2.1	4C x 10 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	165	Mtrs
2.2	4C x 6 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	125	Mtrs
2.3	3C x 4 Sq.mm Copper Armoured cable with 2 runs of 12 SWG GI bare wire	30	Mtrs
3	WORKSTATION UPS POWER WIRING Supply & Installation of concealed / recessed / surface light point / fan point / call bell point wiring using 600V FRLS grade 3R (P+N+E) x 1.5 Sq.mm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through heavy gauge PVC conduits laid concealed over false ceiling or in wall chases or on the ceiling in case of an open ceiling including 3R (P+N+E) x 2.5 Sq.mm circuit wires from the relevant DB and also including 2.5 sqmm green color copper earth wire and approved make modular type switch plate, switches, MS concealed back box, etc. as required & as approved by the consultant. (Each circuit shall not feed more than 8 points OR 800 watts as per following configuration.) (The item rate shall include Lighting / Raw / UPS Power Circuit wiring from relevant DB to the switch board with 3Rx2.5 Sq.mm FRLS wires & from switch board to next switch board OR to the first light point / primary point / full point) NOTE :- 1. Only FRLS grade conductor wire shall be used; 2. Conduit carrying circuit wiring should not carry point wiring and Conduit carrying point wiring should not carry submain/circuit wiring; 3. Flexible conduits & Elbows are not allowed; 4. The wires from ceiling junction to light points / light fixture shall be drawn in flexible PVC conduit with adaptor & cover for junction box & crimp type lugs at both the ends alongwith necessary hardware & accessories, etc. as required; 5. Proper ferrules, lugs, must be used in all cabling and wiring on both load / source end; 6. Each switch board must be provided with respective ferrules representing the respective DB, Phase & Circuit numbers; 7. Looping of Neutral / Earth wire between two separate Primary / Full Points is strictly not allowed; 8. Looping of Neutral / Earth wire between two separate circuits on similar or other phase is strictly not allowed; 9. Ferruling / numbering / tagging to wires with circuit number & db name for all lighting & raw / ups power shall be strictly followed at both DB & switch board / switch socket boards ends.		
3.1	Supply & Installation of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sqmm FRLS grade copper conductor PVC sheathed white color flexible cable pulled through already laid floor raceways and taken upto table top using PVC rigid or flexible conduits run within wooden/metal partitions. Each point consisting of 2 nos of 5A , 3 pin sockets above table top/bottom & 1 No.,	70	Nos



	15A Switch above table top/Bottom, wired together forming one point. The earth wire of 3 core flexible cable to be of yellow-green color only. (Maximum 4 no.s desks served by one circuit from DB)		
4	TRENCHING / FLOOR –RACEWAYS		
4	Supply and laying Raceways / Conduits (for under floor trenches / On trays) on existing flooring. Raceways / conduits shall be fixed to the flooring with GI clamps for finished levels as per the site conditions or through partitions with all accessories. The rate shall include preparation of trenches of required sizes by carefully removing the malwa on existing floor for laying Raceways/conduits for power, data, telephone cables etc. The depth of the trenches shall be at least 2 inches from the finished floor level or upto RCC of the slab. The rate shall include the cost of the Raceways/conduits. The rate shall also include the activity of clearing the debris generated from the preparation of trenches		
4.1	300 x 40 x 1.6mm thick Aluminium Raceways	45	Mtrs
4.2	150 x 40 x 1.6mm thick Aluminium Raceways	55	Mtrs
5	Supply & Installation of floor junction boxes without top cover for above raceways, of following sizes, fabricated out of M.S. sheets, fully powder coated with provision for removable M.S. / S.S. screwed cover plates on all four sides for blocking the entry into the junction box. All the junction boxes to be (with stud) 'properly earth - bonded with the raceways pipe using 12 SWG Copper bare wire as directed at site.		
5.1	Junction Box of size (200mm x 200mm x 50mm x 2.5mm thick)	8	Nos
5.2	Junction Box of size (350mm x 350mm x 50mm x 2.5mm thick)	8	Nos
6	Supply & Installation of suitable sizes 2mm thick removable cover plate screwed on all four sides of M.S. sheet, fully powder coated, for blocking the entry into the floor junction box for following sizes of junction boxes with rounded corners as per the instruction given & sample approved by the client / architect / consultant at site. Cover plate shall have required no.s of 1' dia knockouts for flexible conduit outlets as per the requirement.		
6.1	for Junction Box of size (200mm x 200mm x 50mm x 2.5mm thick)	8	Nos
6.2	Junction Box of size (350mm x 350mm x 50mm x 2.5mm thick)	8	Nos
7	Supplying & fixing of 2mm thick G.I. Perforated type cable Trays of Asian /Profab Engineers approved make. The cable tray shall be fixed to the ceiling / wall with MS angle support with 35mmx2mm thick GI slotted 'C' channel patti at an interval of 1 meter or the MS angle iron fabricated support depending upon the location. The rate shall include the cost of Supports, hardware & accessories, etc. complete as required.		
7.1	Cable Tray :- 75 mm wide x 50 mm height x 2mm thick.	10	Mtrs
8	DATA NETWORKING		
8	Supply & Installation of Data point including approved make Cat - 6 UTP cable through already laid trenches / conduits, RJ45 information outlet, dual type face plate, PVC back box etc. with Termination, Testing and Documentation of UTP Points complete as required.	70	Nos
8.1	Supply & installation of 24 Port 10/100 Mbps Unmanage switch	4	Nos
8.2	Supply & installation of 24 port jack panel in existing network rack	4	Nos
8.3	Supply of mounting patch cord (7 feet')	70	Nos
8.4	Supply of mounting patch cord (3 feet')	70	Nos
8.5	Supply & Installation of 15 U floor/wall mounted network rack including all necessary hardware, accessories, etc.(MP Room)	1	Nos
8.6	Supply & Installation of 12 U wall mounted network rack including all necessary hardware, accessories, etc.(Kaveri Room)	1	Nos



8.7	SITC of LC to LC Duplex MMF, OM3 (50/125µm) Fibre Patch cord of 30 mts	2	Nos
8.8	SITC of LC to LC Duplex MMF, OM3 (50/125µm) Fibre Patch cord of 90 mts	2	Nos.
9	VOICE/TELEPHONE NETWORKING		
9	Supply & Installation of Telephone /Voice point including approved make Cat - 6 UTP cable through already laid trenches / conduits, RJ45 information outlet, in single face plate, in workstation partition wall etc. with Termination, Testing and Documentation of UTP Points complete as required.	70	Nos
10	Supply, installation, testing and commissioning of indoor type telephone Main Distribution Frame (MDF) / Box with suitable S.S. frame for mounting tag module, cable, wires and incorporated in 16 SWG MS box with proper lockable cover. The box should be fixed on wall with suitable fasteners including painting & earthing. This also includes fixing the cable, distribution chart sufficient space for the cables, wires etc.to be provided in the box for :-		
10.1	Supply & Installation of 100 pair MDF with Krone module including all hardware & accessoried , etc. complete as required.	2	Nos
10.2	Supply & Laying of 20 pair telephone cable through heavy guage pvconduit including all necessary hardware & accessories, etc.	50	Mtrs
11	ACCESS CONTROL SYSTEM		
11	SITC of Biometric cum card reader system Access Control Panel with onboard TCP/IP, Supports Standard Wiegand Reader with Metal Enclosure & inbuilt Power Supply (provision for 2 hr Battery Backup,)	4	Nos
11.1	SITC of proximity Cards (Blank)	100	Nos
11.2	SITC of Electromagnetic Lock (600 Lbs) suitable for DOUBLE LEAF Door with door position sensor & necessary accessories	4	Nos
11.3	SITC of Door Sensor	4	Nos
11.4	SITC of cat 6 cable with 25 mm PVC Conduit for laying cables(Conduit Make- Modi/equivalent)	200	Mtrs
11.5	CCTV		
11.6	Supply,installation,testing & commissioning of IP Dome Camera 2MP H.265 Make:-Hikvision,CP Plus or equivalent	9	Nos
11.7	SITC of Cat 6 cable D LINK or equivalent in flexible /rigid conduit	150	Mtrs
11	SITC of 16 Channel NVR H.265 with 4 TB harddisk 80 MBPS bandwidth minimum with 2x8 PORT POE Switch Network , 10/100Mbps RJ45 ports, 1, 100M Ethernet Port Network ProtocolIEEE802.3,802.3u,802.3x, 802.3af, 802.3at.	1	Nos
12	Assiciated Floor Civil work		
12	Breaking of existing vitrified tiles and clearing Mortar up to slab level to make path for laying Raceways	4	Cum
13	Providing and laying vitrified floor tiles matching with existing tiles having water absorptions less than 0.08% and confirming to IS: 15622 of approved make in all colors and shades, laid on adequate thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.Size of Tile 60 x 60 cm	250	Sqft

The prices quotes should be including freight, insurance, loading, un-loading, handling and allied charges to be incurred till installation at site.

The rates (%) of GST for each line item shall be as given in priced commercial bid submitted along with the technical bid.

Only work/item details along with qty and units are mentioned above, all other information needs to be filled in the BOQ.

(End of Section – V)



ANNEXURE – A: COVERING LETTER

Date:

To:

**The Executive Director,
Centre for Development of Advanced Computing (C-DAC)
Innovation Park, Panchavati, Pashan Road,
Pune - 411008 Maharashtra, INDIA**

Subject: Submission of bid for LT Electrical & Allied Works at first floor e-Sign room at C-DAC, Pune

Dear Sir,

We, the undersigned, offer to provide **LT Electrical & Allied Works at Third floor Secure Cluster room** at C-DAC, Pune in response to your Tender No. CDACP/LB/Secure Cluster-Elect/2021/24-2190. We hereby submit our proposal for same, comprising of Technical bid and the Financial Bid, through www.eprocure.gov.in

We hereby declare that all the information and statements made in this bid are true and we accept that any misinterpretation contained in it, may lead to our disqualification.

We undertake that the products offered are not nearing end-of-life / end-of-support five /three years down the line from the date of bidding, from OEM.

We undertake, that a Security Deposit / PBG of 3% of each order(s) value will be submitted in case C- DAC decides to place any Purchase Order(s).

We hereby certify that my/ our firm has not been disqualified and / or blacklisted by any Office/ Department/ Undertaking of the State Government / Central Govt. of India, PSU/ Autonomous Body of Government of India, at the time of submission of this bid.

We agree to abide by all the terms and conditions of the tender document, including corrigenda. We would hold the terms of our bid valid for 120 days as stipulated in the tender document.

We understand you are not bound to accept any Proposal you receive.

The undersigned is authorized to sign this bid document. The authority letter to this effect is enclosed.

Yours sincerely,

Authorized Signatory:

Name and Title of Signatory:

e-mail:

Mobile No:



ANNEXURE – B: AUTHORITY LETTER

Date:

To:

**The Executive Director,
Centre for Development of Advanced Computing (C-DAC)
Innovation Park, Panchavati, Pashan Road,
Pune - 411008 Maharashtra, INDIA**

Subject: Authority Letter

Reference: Tender No - **CDACP/LB/Secure Cluster-Elect/2021/24-2190**

Dear Sir,

We, M/s _____ (Name of the bidder) having registered office at _____ (address of the bidder) herewith submit our bid against the said tender document.

Mr./Ms. _____ (Name and designation of the signatory), whose signature is appended below, is authorized to sign and submit the bid documents on our behalf against said RFP

Specimen Signature:

The undersigned is authorised to issue such authorisation on behalf of us.
For M/s _____ (Name of the bidder)

Signature and company seal
Name
Designation
Email
Mobile No.



Annexure – C: Undertaking for EMD

Date:

To:

The Director General,
Centre for Development of Advanced Computing (C-DAC)
Innovation Park, Panchavati, Pashan Road,
Pune - 411008 Maharashtra, INDIA

Subject: Undertaking as per GFR – 2017, Rule 170(iii)

Dear Sir,

We, the undersigned, offer to Supply the -----as per tender at C-DAC Pune, in response to your Tender No. CDACP/LB/Secure Cluster-Elect/2021/24-2190. We are hereby submitting our proposal for same, which includes Technical bid and the Financial Bid. As a part of eligibility requirement stipulated in said tender document, we hereby submit a declaration in lieu of Earnest Money Deposit (EMD), as given below:

1. Our bid shall remain valid for 120-days from the date of submission and that we will not withdraw or modify our bid during the validity period,
2. In case, we are declared as successful bidder and an order is placed on us, we will submit the acceptance in writing within 7 days of placement of order on us.
3. In case, we are declared as successful bidder and an order is placed on us, we undertake, to submit a Security Deposit of 5 % of the order value, as per terms stipulated in the tender.
4. In case of failure on our part to comply with any of the above said requirements, we are aware that we shall be declared as un-eligible for said tender and /or debarred from any **future bidding process of C-DAC for a period of minimum one year.**
5. The undersigned is authorized to sign this undertaking.

Yours sincerely,

Authorized Signatory:

Name and Title of Signatory:

e-mail:

Mobile No:



ANNEXURE D - PROFORMA OF SECURITY DEPOSIT BANK GUARANTEE

To,

**Centre for Development of Advanced Computing
Pune University Campus
Ganesh Khind, Pune – 411 007**

BANKS GUARANTEE NO:

DATE:

Dear Sir(S)

This has reference to the Purchase Order No. _____ Dated _____ been placed by Centre for Development of Advanced Computing(C-DAC), Pune on M/s _____ (Name & Address of vendor) for supply, installation, commissioning and warranty of _____ (description of items) at C-DAC/client's site.

The conditions of this order provide that the vendor shall,

1. Arrange to deliver the items listed in the said order to the consignee, as per details given in said order, and
2. Arrange for the comprehensive warranty service support towards the items supplied by vendor at sites anywhere in India, as per the warranty clause in said purchase order.

M/s (Name of Vendor) has accepted the said purchase order with the terms and conditions stipulated therein and have agreed to issue the performance bank guarantee on their part, towards promises and assurance of their contractual obligations vide the Supply Order No. _____ M/s. _____ (name of vendor) holds an account with us and has approached us and at their request and in consideration of the promises, we hereby furnish such guarantees as mentioned hereinafter.

C-DAC shall be at liberty without reference to the Bank and without affecting the full liability of the Bank hereunder to take any other undertaking of security in respect of the suppliers obligations and / or liabilities under or in connection with the said contract or to vary the terms vis-a – vis the supplier or the said contract or to grant time and or indulgence to the supplier or to reduce or to increase or otherwise vary the prices or the total contract value or to forebear from enforcement of all or any of the obligations of the supplier under the said contract and/or the remedies of C-DAC under any security (ies) now, or hereafter held by C-DAC and no such dealing(s) with the supplier or release or forbearance whatsoever shall have the effect of releasing the bank from its full liability of C-DAC hereunder or of prejudicing right of C-DAC against the bank.

This undertaking guarantee shall be a continuing undertaking guarantee and shall remain valid and irrevocable for all claims of C-DAC and liabilities of the supplier arising up to and until _____ (date)

This undertaking guarantee shall be in addition to any other undertaking or guarantee or security whatsoever the that C-DAC may now or at any time have in relation to its claims or the supplier's obligations/liabilities under and / or in connection with the said contract and C-DAC shall have the full authority to take recourse to or enforce this undertaking guarantee in preference to the other undertaking or security (ies) at its sole discretion and no failure on the part of C-DAC in enforcing or requiring enforcement of any other undertaking or security shall have the effect of releasing the bank from its full liability hereunder.

We _____ (Name of Bank) hereby agree and irrevocably undertake and promise that if in your (C-DAC's) opinion any default is made by M/s _____ (Name of Vendor) in performing any of the terms and /or conditions of the agreement or if in your opinion they commit any breach of the contract or there is any demand by you against M/s _____ (Name of Vendor), then on notice to us by you, we shall on demand and without demur and without reference to M/s _____ (Name of Vendor), pay you,



in any manner in which you may direct, the amount of Rs. _____/- (Rupees _____ Only) or such portion thereof as may be demanded by you not exceeding the said sum and as you may from time to time require. Our liability to pay is not dependent or conditional on your proceeding against M/s _____ (Name of Vendor) and we shall be liable & obligated to pay the aforesaid amount as and when demanded by you merely on an intimation being given by you and even before any legal proceedings, if any, are taken against M/s _____ (Name of Vendor)

The Bank hereby waives all rights at any time inconsistent with the terms of this undertaking guarantee and the obligations of the bank in terms hereof shall not be anywise affected or suspended by reason of any dispute or disputes having been raised by the supplier (whether or not pending before any arbitrator, Tribunal or Court) or any denial of liability by the supplier or any order or any order or communication whatsoever by the supplier stopping or preventing or purporting to stop or prevent payment by the Bank to C-DAC hereunder.

The amount stated in any notice of demand addressed by C-DAC to the Bank as claimed by C-DAC from the supplier or as suffered or incurred by C-DAC on the account of any losses or damages or costs, charges and/or expenses shall as between the Bank and C-DAC be conclusive of the amount so claimed or liable to be paid to C-DAC or suffered or incurred by C-DAC, as the case may be and payable by the Bank to C-DAC in terms hereof.

You (C-DAC's) shall full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contact with the said M/s _____ (Name of Vendor) and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s _____ (name of Vendor) which under law relating to the sureties would but for the provisions have the effect of releasing us.

You will have full liberty without reference to us and without affecting this guarantee, postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with the said M/s _____ (Name of Vendor) and to enforce or to forbear from endorsing any power or rights or by reason of time being given to the said M/s _____ (Name of Vendor) which under law relating to the sureties would but for the provisions have the effect of releasing us.

Your right to recover the said sum of Rs. _____/- (Rupees _____ only) from us in manner aforesaid will not be affected/ or suspended by reason of the fact that any dispute or disputes have been raised the said M/s _____ (Name of Vendor) and/ or that any dispute or disputes are pending before any officer, tribunal or court or Arbitrator.

The guarantee herein contained shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the said M/s _____ (Name of Vendor) but shall in all respects and for all purposes be binding and operative until payment of all dues to C-DAC in respect of such liability or liabilities.

Our liability under this guarantee is restricted to Rs. _____/- (Rupees _____ Only). Our guarantee shall remain in force until unless a suit action to enforce a claim under guarantee is filed against us within six months from (which is date of expiry of guarantee) all your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there under.

We have power to issue this guarantee in your favour under Memorandum and Articles of Association of our Bank and the undersigned has full power to do under the power of Attorney dated.

Notwithstanding anything contained herein:

- A. Our liability under this guarantee shall not exceed Rs _____ (in words)
- B. This bank guarantee shall be valid up to _____ & unless a suit for action to enforce a claim under guarantee is filed against us within six months from the date of expiry



of guarantee. All your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities there after i.e. after six months from the date of expiry of this Bank guarantee

- C. We are liable to pay the guaranteed amount or any parts thereof under this bank guarantee only and only if you serve upon us a written claim or demand or before _____
- D. The Bank guarantee will expire on (Min 37 months from the date of successful installations of the items in the order) _____

Granted by the Bank

(SEAL)

For (Name of Bank)
Yours faithfully,

SEAL OF THE BANK
Authorised Signatory

**DOCUMENTARY / ELIGIBILITY CHECKLIST**

Sr. No.	DOCUMENTARY / ELIGIBILITY	Details (if any)	Enclosed (Yes / No)	Page No.
1.	Checklist			
2.	Tender Fees (Rs. 500/-)	RTGS/IMPS/DD No.		
3.	EMD Declaration (As per Annexure – C)			
4.	Covering Letter			
5.	Authorisation Letter			
6.	A copy of Certificate of Incorporation, Partnership Deed / Memorandum and Articles of Association / any other equivalent document showing date and place of incorporation, as applicable of the bidder.			
7.	Copies of PAN and GST registration certificates.	PAN – GST -		
8.	The bidder must have successfully completed at least One similar works of Central/State Government Department, PSU or Autonomous institution, costing not less than the amount equal to 12.50 Lakhs in last 7 Years. (“Similar work means- LT Electrical & Allied Works- Documentary evidence for similar experience is to be furnished of completed works in form of Work order/Satisfactory Work Completion Certificate)			
9.	The Bidder shall be a registered company of India as per relevant laws (Submit Copy of ROC)			
10.	The Bidder shall be a registered company/firm/Branch office (Address proof to be submitted along with registration certificate) in Pune/ Mumbai area (Attach Proof-Shop Act)			
11.	The contractor must not be black listed / debarred from bidding by any Government Department, PSU or Autonomous institution, as on date of submission of bids. (Declaration to be submitted on letterhead)			
12.	Agreeing for bid validity of 120 days from bid submission date.			
13.	The firm should submit LT Electrical Contractor license issued by respective authority.			



Annexure – F: Certificate by Bidder:

To:
Executive Director,
Centre for Development of Advance Computing,
Pune – 411 008

Ref: Tender Ref. No: CDACP/LB/Secure Cluster-Elect/2021/24-2190

Dear Sir,

We hereby certify that the goods being offered by us vide our proposal, comply with the provisions of order No. Order No P-45021/2/2017-PP (BE-II), dated 4th June, 2020 issued by Public Procurement Division, Department of Investment and Internal Trade, Ministry of Commerce, GoI, read with order number W-43/4/2019-IPHW- MeitY, dated 7th September, 2020 issued by IPWH division of MeitY, GoI.

We also certify that, we, the OEMs and beneficiary OEMs of the offered items are not from a country sharing land border with India as defined in order No. F/No/6/18/2019-PPD dated 23 July 2020 issued by public procurement Division, Dept. of Expenditure, Ministry of Finance, GoI and **allthe goods offered by us also comply with the provisions of said order.**

For (Name of bidder)

Authorized Signatory
Name & Designation:
Mobile No:

(End of Document)