Government of India
Ministry of Science and Technology
Department of Science and Technology
General Administration Section
Technology Bhavan, New Mehrauli Road
New Delhi-110 016

T.E No. D-13022/1/1/2020 (GA)  Date: 25 June, 2020

To,

All interested & Eligible firms.

Sub: Tender Enquiry for repairing of Air Circuit Breakers (ACBs), Oil Circuit Breakers (OCBs) and other associated works at the electrical installations installed in Department of Science & Technology, Technology Bhavan, New Delhi-110016

Dear Sirs,

For and on behalf of the President of India, sealed bids are invited for the subject mentioned job in DST, Technology Bhavan, New Delhi-16 on urgent basis. The firm(s) fulfilling the terms & conditions stipulated at Annexure I to the tender document are eligible to participate. If any firm is not fulfilling the terms and conditions mentioned in the Tender Document, if found, will be rejected summarily and no representation in this regard will be entertained by this Department.

2. In case your firm is interested in the above said work, you are requested to quote your justified prices in the enclosed Proforma (Schedule I) in a sealed cover along with the documents as mentioned in the tender document with an Earnest Money Deposit (EMD) amount of Rs.10,000/- (Rupees Ten Thousand only) in the prescribed form. The sealed cover containing the bid should be super scribed "repairing of Air Circuit Breakers (ACBs), Oil Circuit Breakers (OCBs) and other associated works at the electrical installations in Department of Science & Technology, Technology Bhavan, New Delhi-110016 and not to be opened before 17th July, 2020" and should be dropped in the tender box of Admin II (B) kept near the Reception of the Technology Bhavan latest by 1500 hours on or before the 17th July, 2020. Sealed bids received within the closing time limit will be opened on the same day at 1530 hrs in Raman Auditorium, S & T Block II in the presence of such tenderers who wish to be present. The Department reserves the right to accept or reject any quotation/ estimates without assigning any reason thereof.

3. Successful bidder will be required to submit a Performance Guarantee deposit as mentioned in the tender document in the form of Demand Draft/ Fixed Deposit Receipt in favour of DDO, DST / Performance Bank Guarantee from any Scheduled Commercial Indian Bank valid up to as mentioned.

4. Tendering firms fulfilling the requirements prescribed in this tender document are requested to quote their competitive lowest prices as per the requirements given in the attached schedule. Before participation, interested firms are requested to read & understand the "Important information, general instructions and terms & conditions" and fill up the "Contractor's details (Mandatory Information)" in Annexure II to this tender document. Bid received without duly filled Annexure II, will be rejected straightway and will not be considered. No representation in this regard will be considered by the Department.

Yours faithfully,

(Anil Kumar Pandey)
Under Secretary to the Govt of India
Tel: 26590264

Copy to: Web Support, DST: For posting the complete tender document on Department's website

Signature of bidder with seal & date

Cont'd...02/
### Important Information, General Instructions & Terms & Conditions

1. **Purchaser**
   
   The President of India

2. **Bid System**
   
   This tender will be processed in single bid system

3. **Tender Fee**
   
   Nil

4. **Eligibility of Firm**

   i. Vendors/ firms registered for similar nature of works i.e. Electrical or Composite works: Civil & Electrical Works, with CPWD, PWD, Public Sector undertaking set up by Central/ State Government such as NBCC, TCIL, IRCON, RITES etc.
   
   ii. Submission of EMD as prescribed. **No repeat No firm is exempted for submission of EMD irrespective of their registration with any organisation.**
   
   iii. Valid GST Registration certificate.
   
   
   v. Self-undertaking on the firm's letter head that the firm will not enter into any sub-contract with any other firm.
   
   vi. Employee to participate in any trade union activities or agitation in Technology Bhawan Premises.

5. **Earnest Money Deposit (EMD)**
   
   An amount of Rs.10,000/- (Rupees Ten Thousand only) has to be submitted by way of Demand Draft, Pay Order/Banker's Cheque in favour of **DDO, DST** along with the original copy of the tender submitted by the firm. Payment by any other mode shall not be accepted. **No firm is exempted from submission of EMD.** Offers received without EMD shall be ignored straightaway and will not be considered under any circumstances. EMD of tendering firms who submit the sealed quotation but withdraw the same before expiry of the tender validity date may be forfeited at the discretion of DST. The EMD of the successful bidder and the unsuccessful bidders will only be released after submission of Performance Security of the successful bidder. If the successful firm fails to submit the Performance Security within the stipulated date the EMD will be forfeited and the bid of second responsive bidder will be considered and if the second responsive bidder is willing to render the services at par the rate quoted by the first responsive bidder, then the contract will be awarded to the second responsive bidder. If the second responsive bidder is firm unwilling to accept the award of contract, then the whole tendering process will be treated as cancelled and no representation in this regard will be entertained. **No interest will be paid by the Department for not releasing the amount within the tender validity period.**

6. **Firm and fixed rates**
   
   Prices should be quoted on net destination basis at DST and firm & fixed price basis including statutory taxes (GST, Service Tax, Service Charge etc., duties (ED- if any), freight, packing, labour etc. The prices/rates quoted should be indicated in words as well as in figures and in INR only. Request for enhancement of contracted rates shall not be considered under any circumstances during the contractual period. Tenders with variable prices or seeking provision for enhancement of prices/contracted rates during the currency of the contract shall be rejected straightaway without any consideration.

7. **Transferability of Tender**
   
   This tender is non-transferable.

8. **Terms & Conditions**
   
   Terms & Conditions as set out in this Tender Document shall have to be complied with by the tendering firm. Offers not complying with such terms & conditions shall be ignored/ rejected.

9. **Prescribed Forms**
   
   Tenders of firms received in the format prescribed in this tender document shall be considered. Offers not received in prescribed format shall be ignored and no correspondence in this regard will be entertained. 
   
   **Telegraphic/ Telex/ Fax/ E-mail/ Letter head Quotations will not be accepted and ignored straightaway.**
10. Time & date of receipt and opening of bids
In the event of any confusion, the time set in the clock in the room of Under Secretary (General Administration), DST will be taken as standard and decisive. Tenderers may note that if the date of tender opening given in this Tender Document is declared a closed holiday by the Central Government, the tender shall be opened on the next working day at the same time. In such an event the closing hours for receipt of tenders in DST will stand automatically extended up to 1500 hours of the next working day in the Central Government offices.

11. Purchaser's right
Purchaser reserves the right to reject any tender/all tenders in full or part thereof without assigning any reason.

12. Purchaser's Address & Work site
The bid should be addressed to "Under Secretary, General Administration, Department of Science & Technology, Technology Bhavan, New Mehrauli Road, New Delhi-16 and dropped in the Tender Box of General Administration Section kept near Reception Room at the entrance of Technology Bhavan, New Mehrauli Road, New Delhi on or before 1500 hours on 26th June 2020. In case the sealed envelope is larger than the mouth of the Tender Box, and cannot be dropped in the Tender Box, the same may be submitted by hand to Under Secretary, General Administration or S.O. General Administration, DST before expiry of the closing time & date.

13. Contract period
The work should be completed within 15 days from the date of issuance of firm work order.

14. Cancellation of tender
The tendering process can be cancelled at any point of time without assigning any reason. If cancelled, No representation in this regard will be entertained by DST.

15. Dispatch Instruction
Repair/ Maintenance work shall be carried out at Technology Bhavan. Any replacement of defective parts/ spare parts will be done only with written permission. For taking away such parts out of Technology Bhavan, proper markings & signatures of Estate Supervisor/ SO (General Admin) should be obtained in indelible ink. Permission for taking the items from DST premises will not be allowed on holidays, Saturdays & Sundays.

16. Warranty
Six months comprehensive from the date of completion of job. Any complaint shall be attended within a response time of 48 hours on 24X7 basis. Any defects in workmanship or deterioration in the quality or deviation from tender specifications coming to notice shall be rectified at site within 72 hours of the reporting of the same to the contractor. If system is required to be picked up and taken to contractor's premises for removing the defects, the same shall be picked up from the consignee latest by the next working day and dropped back to the consignee within 07 working days. Any component required to be replaced within the warranty period shall be totally new component and not reconditioned or repaired component.

17. Inspecting Officer
Authorized representative of DST, New Delhi

18. Inspection Authority
Department of Science and Technology (DST), Technology Bhavan, New Delhi or any party, a Govt. agency, so authorized by DST.

19. Performance Guarantee (PG)
1. Successful bidders awarded the work order for carrying out the jobs on the basis of this Tender Enquiry shall be required to furnish a Performance Security of the amount equivalent to @10% of the bid amount (Excluding GST) in the form of DD/ Pay order, Fixed Deposit Receipt (FDR) in favour of DDO_DST or Bank Guarantee from any Scheduled Commercial Indian Bank to be submitted within 15 days of the receipt of the Contract by them. The format for Performance Bank Guarantee (PG) will be provided by DST along with the award of contract. In the event of failure on the part of the successful bidder awarded the Contract to furnish Performance Security, the contract awarded shall be cancelled. Non-submission of PG in prescribed format or submission by other mode shall be viewed adverse performance which may further lead to de-registration/suspension of business dealing with the Department and the amount of performance security deposited by the firm will also be forfeited. The Performance Guarantee will be released after the six months from the date of completion of the work.

Signature of bidder with seal & date

Cont’d...04/-
20. **Validity of Tender**

Tender shall be kept valid for acceptance by DST for a period not less than 90 days after the tender opening date.

21. **Rates**

A. Before quoting the rates, bidders are requested/advised to refer the following points and **Point No. 26 & 27 of Annexure I** to this Tender Document.

B. Item wise Rates should be quoted in Schedule I attached with this tender document.

C. Rate should be quoted per unit basis in the enclosed Performa i.e. **Schedule I** attached with the tender document.

D. Rates should be inclusive of freight (free delivery to the consignee’s premises), labour charges, insurance etc. but exclusive GST.

D. During the entire period of the contract, no request for any increase in rates will be entertained.

22. **Taxes & Duties**

a) **Tax Deduction at Source (TDS):** TDS will be deducted from each bill (as applicable) of the contractor under the statutory rules of Union Govt. in respect of Income Tax & other Taxes etc.

b) No claim on account of sales taxes or any other statutory taxes/charges for execution of work awarded under this contract will be entertained by DST and such taxes and charges should be paid by the contractor himself.

23. **Consignee’s address**

Department of Science & Technology and Authorized representative of DST, New Delhi-16.

24. **Inspection Authority & Inspecting Officer**

Department of Science & Technology and Authorized representative of DST, New Delhi-16.

25. **Submission, acceptance and rejection of tender**

a) A complete set of the tender document may be collected personally from **Section Officer General Administration, Department of Science & Technology, New Delhi.** Complete tender document is available on Departmental website: http://dst.gov.in and may be downloaded and used for submission of the bid. The envelope containing the quotation should be duly sealed and super-scribed as "**for repairing of Air Circuit Breakers (ACBs), Oil Circuit Breakers (OCBs) and other associated works at the electrical installations in Department of Science & Technology, Technology Bhavan, New Delhi-110016.**" The sealed envelope should be dropped in the tender box kept [Tender Box General Administration] near the reception of Technology Bhavan on or before 3.00 PM on **17th July, 2020** which will be opened on the same day at 3.30 PM in the presence of one representative of such tenderers who wish to be present.

b) **Tenders which are not complete in all respects are liable to be rejected.**

c) While submitting the tender for this work the tenderers will be **deemed to have read, understood and accepted** all the terms and conditions stated in the tender document. Any doubts or clarifications with regard to the interpretation of the Terms & Conditions stipulated in this Tender Enquiry, may be got clarified from DST at least 03 days before tender closing date. Requests for postponing the tender opening date for the same shall not be accepted.

d) Tenderers will indicate the complete address of their firm/office along with telephone numbers.

e) Contract shall be awarded to the firm offering the lowest / net bundled price and not with reference to the lowest prices quoted for the sub-items.

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Signature of bidder with seal & date

Cont’d...05/-
26. Evaluation of Bid

For Evaluation of Bid, following points will be taken into consideration. Hence the Bidders are requested to quote justified rate (s) to avoid cancellation of bid:

A. Abnormally Low Bid/proposal:

aa. If any bidder is quoting an abnormally low bid/proposal. An abnormally low bid / proposal is one in which the bid / proposal price in combination with other elements of the bid / proposal, appears so low that it raises material and services concern with the Department as to the capability of the bidder to perform the contract for the offered price.

ab. If the Department i.e. DST identifies a potentially abnormally low bid/proposal, DST shall seek written clarifications from the bidder, including item wise detailed analysis of rate as per market trend of its bid / proposal price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and the responsibilities and any other requirements of the request for bids / proposals for proposal document.

ac. If after evaluation of the price analysis, DST determines that the bidder has quoted the unjustified rate and failed to demonstrate its capability to deliver the contract for the offered price, DST shall reject the bid / proposal without assigning any further reason.

B. Seriously unbalanced or Front Loaded bids / proposal:

If DST feels that the bid / proposal submitted by the bidder, is seriously unbalanced or front loaded (i.e. Overpriced) DST may ask the bidder to provide written clarifications, including item wise detailed price analysis to demonstrate the consistency of the prices with scope of works, proposed methodology and schedule. After evaluating the item wise detailed price analysis, DST may / may not accept / reject the bid/ proposal without assigning any further reason.

C. If it is found in case of receipt of more than two qualified technical bids / proposals, that the difference between the lowest quoted rate and the highest quoted rate is 25% or above, the average of all the rates, quoted by all the participating firms, will be calculated and the bids/proposals of only those firms will be considered for evaluation whose quoted rates fall within the range of ±10% of the calculated average rate, and among such firms only, the L1 will be decided and will be considered as most responsive bid.

27. Award of contract

a) The Accepting officer shall award the contract to the tenderer whose tender has been determined to be substantially responsive and who has offered the lowest evaluated tender price as mentioned in the preceding paragraph (Point No.26) not with the reference to the lowest prices quoted for the sub-items. However, if prices for each and every item are not quoted, net bundled price offered by the firm shall not be considered / accepted.

b) Notwithstanding the above, the Department reserves the right to seek previous work orders, references, justification of quoted rates etc. and to accept or reject any quotations and to cancel the process and reject all tenders at any time prior to award of contract.

c) The tenderer whose rate is accepted will be notified for the award of contract by the Department prior to expiry of the tender validity period. The terms and conditions stipulated in the tender document shall be fully applicable to the resultant contract and taken as an integral part of the contract concluded on the basis of this Tender Enquiry.

d) In case two firms are offering the same net bundled price in Schedule I, then the contract will be awarded to the firm, who has deposited higher Total Income tax for the past three Financial Years i.e. 2018 – 19 & 2019-20 in total and as per the direction of the Competent Authority.

Signature of bidder with seal & date

Cont’d...06/-
28. **Working Hours**
   a) The Manpower should be provided on all days during GOI working hours (09:00 to 17:30 hours including lunch break from 12:30 hours to 13:30 hours) except Sundays & Govt. holidays.

   B) In case of special requirements of services beyond office hours or on holidays, the contractor has to provide the required manpower for which no additional payment will be made.

29. **Scope of Work**
   The work includes the works mentioned in **Schedule I** to this tender document.

30. **Submission of bill and Terms of payment**
   a. The Payment for work where work was not attended due to any reason whatsoever is will be deducted on pro rata basis from the bill submitted by contractor.

   b. Bills to be submitted (preferred in 3 copies) along with the certificates/ job card duly certified/ signed by the officer concerned on actual basis and for Comprehensive quarterly bill submission will be preferred.

   c. The preparation job card Proforma is the sole responsibility of the contractor.

   d. No advance payment under any circumstances be made to the contractor.

31. **Paying Authority**
   Controller of Accounts or his authorized representative, Pay & Accounts Office, DST, New Delhi-110016

32. **Applicable Law**
   The resultant contract shall be interpreted in accordance with the laws of Union of India. Settlement of disputes shall be within the jurisdiction in Delhi.

33. **Disputes**
   Any disputes/ differences arising shall be settled through arbitration. The purchaser and contractor shall first try to resolve the differences/ disputes amicably by mutual consultation. If they fail to resolve the disputes by such mutual consultation within 21 days, then, depending upon the position of the case, either the purchaser or the contractor shall give notice to the other party of its intention to commence arbitration as per the Indian Arbitration and Conciliation Act, 1996.

34. **General Terms & Conditions**
   a) The contractor shall observe all security provisions as applicable to the offices of the DST which comes under the security cover provide by Ministry of Home Affairs, GoI. Any violation shall be the responsibility of the Contractor.

   b) The tenderer shall not enter into sub contract with any person or transfer the contract or any benefit there under to any person or firm without written approval of the Department.

   c) Acceptance of the tender by the Government shall be communicated to the successful tenderer by a formal letter of acceptance of tender.

   d) In case in the opinion of the Department, any defective item needs to be brought back to proper working order, same shall have to be done by the firm within the rate quoted and within 15 days of start of contract period. In case of failure to bring the item to proper order within stipulated period, damages/ penal charges shall be applicable.

   e) The firm may inspect the work site at Department before submitting the tender.

   f) Tenderer shall treat the tender specifications and contents thereof as confidential.

   g) The contractor shall not divulge any information that is made known to him to anyone he may come across or to any person not authorized to receive such information.

   h) The contractor shall submit copies of Income Tax Returns for the last two years.

   i) Contractor shall ensure that its personnel shall not take any material, equipment, papers, plants, trees, wood etc. out of Technology Bhawan premises. In the events of such cases, suitable action as per law shall be taken.
j) The Contractor shall indemnify and hold Department and/or any officer, employee thereof harmless from any loss, damage, liability or expense, on account of damage and injuries, including death, to any persons employed by him. The vendor shall, at its expense, defend any suits or proceedings brought against Department, on account thereof, and shall satisfy all judgments and pay all expenses which may be incurred by or rendered against them, or any of them, in connection therewith. It is expressly understood that the Contractor shall keep fully indemnified against third party claims and damages to or caused by work performed under this contract.

k) The contractor shall be responsible for complying with all the statutory provisions of the applicable Labour laws applicable to the contractors and DST. Breach or ignorance of the applicable laws, by contractor or employees if any, noticed at any point of time shall render the contractor liable and responsible for the consequences under Labour Laws and other applicable laws.

l) The contractor shall not allow or permit employees to participate in any trade union activities or agitation in Technology Bhawan Premises.

m) DST, New Delhi shall not be responsible for any injuries or loss of life of any employee of the contractor that may take place while on duty or otherwise. Any expenditure towards treatment for such injuries shall be sole responsibility of contractor. DST, New Delhi shall not have any liability whatsoever in this aspect. For all the purposes, the contractor will be the Principal Employer and all liability towards the workers shall rest with the contractor.

n) DST, New Delhi reserves the right to reject any person proposed to be employed by the contractor without assigning any reason.

o) Any theft or damage caused by the Contractor’s employee shall be borne by the contractor and shall be made good at the earliest but not later than 20 days.

s) Personal bag & baggage of the contract personnel shall be liable for physical check-up both at the time of entry into the campus and while leaving at the security gate.

**Inspection:** - The contractor or his authorized representative having special power of attorney shall attend the office whenever required and shall be available during inspection.

aa) The contract workers employed by the contractor shall be the employees of the contractor and there shall not be any employer – employee relationship between DST, New Delhi and the said contract workers on any ground whatsoever. DST, New Delhi will not issue any experience certificate to the employees of the contractor.

**Certificates:**

i) I/ we (including all partners) certify that I/ we have read the Terms & Conditions mentioned in the tender enquiry form and shall abide by them.

ii) I/ we certify that the information given is true to the best of my/ our knowledge. I/ we also understand that if any of the information is found wrong/ false at any stage, I/ we are liable to be deregistered from panel of approved contractors/ banned for doing any business dealings with Government Departments or blacklisted or subject to any monetary penalties that be deemed fit and appropriate by DST/ Government.

**Signature of bidder with seal & date**

[Signature]

Cont’d...08/-
**Department of Science & Technology**  
**General Administration Section**

**Contractor's details (Mandatory Information)**

Supporting documents be annexed with the application form (Applications found deficient in any respect are liable to be rejected without further correspondence).

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<th>SI No.</th>
<th>Description</th>
<th>Information</th>
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<tr>
<td>01</td>
<td>Name of the Applicant/ Firm</td>
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<td>02</td>
<td>Nationality</td>
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| 03     | Address (attach separate paper for addresses of other offices)  
Enclose Voter ID/ Electricity Bill/  
Landline Telephone Bill or any other authenticate copy of address proof) | Regd. Office  
Head office |
| 04     | Telephone Numbers | Landline/ Mobile No.  
Fax No.  
E-mail address |
| 05     | Other Details (Enclose copies) | PAN Details  
GST Registration Number |
| 06     | Constitution of firm | Individual  
Sole Proprietorship Concern  
Partnership Firm  
Public Ltd. Company  
Private Ltd. Company/ Public Sector Enterprises |
| 07     | Details of Bank account (Enclose copy of front page of pass book & personalized cancelled cheque) | Account No.:  
Type of account:  
Name of Bank:  
Name & address of the branch |
| 08     | Is any person working with the applicant a near relative of the official of DST? If yes, give details | |

*Signature of bidder with seal & date*  
*Cont'd...09/-*
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<th>Information</th>
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<tr>
<td>09.</td>
<td>Details of Business Profile</td>
<td><strong>A. Annual Turn Over Details</strong></td>
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<td>Financial Year</td>
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<td>2019-20</td>
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<td>10.</td>
<td>Earnest Money Deposit (EMD)</td>
<td>a. Amount in Rs. 10,000/- (Rupees Ten thousand only)</td>
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<td>details</td>
<td>b. DD/ BC/ PO No.</td>
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<td>c. Date of Issue:</td>
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<td>d. Name of issuing Bank:</td>
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<td></td>
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<td>e. Address of the issuing Branch:</td>
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| 10     | Certificates/ Undertakings   | a. I/ we (including all partners) certify that I/ we have carefully read the Terms & Conditions mentioned in the tender enquiry form and shall abide by them. |
|        |                              | b. I/ we certify that the information given is true to the best of my/ our knowledge. I/ we also understand that if any of the information is found wrong/ false at any stage. I/ we are liable to be deregistered from panel of approved contractors/ banned for doing any business dealings with Government Departments or blacklisted or subject to any monetary penalties that be deemed fit and appropriate by DST/ Government. |
|        |                              | c. I/ We agree to the forfeiture of the Earnest Money Deposit if I/ We fail to comply with all or any of the terms & conditions in whole or in part as laid down in the Tender Enquiry Notice No. --D-13020/1/1/2020 (GA) dated 25th June 2020 Which would constitute and have force of a contract between me/us and the Department of Science & Technology, if I/ we am/ are declared a successful bidder. |
|        |                              | d. I/ we hereby declare the items mentioned in the Schedule to this notice will be used for bonafide/ lawful purposes only as per the guidelines of Department of Environment & Forest, Govt. of NCT Delhi. |
|        |                              | e. I/ we hereby also certify that, I/ we have signed all the pages of the document with my/ our conscious and no body from this Department influenced/ compelled to do so. |

**Advisories to the bidder before submission of bids:**

1. Before quoting the rate, all the bidders are requested to follow CPWD's Delhi Analysis of Rate- 2018 and consider the rate of material cost, Labour Charges as per notification issued by Department of Labour- GNCTD, Sundries, Water Charges, Contractor’s profit, ESI & EPF component as per notification issued by the Competent Authority, GST and other component.

2. Before quoting the rate, bidders are advised to consider Point No.26 & 27, Annexure I to this tender document.

3. The bid should be free from any conditions. Conditional bid shall be rejected straightway and no representation in this regard shall be entertained.

**Signature of bidder with seal & date**

[Signature]

Cont'd...10/-
Schedule I to TE NoD-13022/1/1/2020 (GA)  

Sub: Tender Enquiry for repairing of Air Circuit Breakers (ACBs), Oil Circuit Breakers (OCBs) and other associated works at the electrical installations in Department of Science & Technology, Technology Bhavan, New Delhi-110016

<table>
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<tr>
<th>SI No.</th>
<th>Description of item</th>
<th>Unit</th>
<th>Qty</th>
<th>Unit Rate in Rs.</th>
<th>Total Amount in Rs.</th>
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</table>
| 01    | Repairing & servicing of LT ACBs 2000/1600/1000 Amp, 415 Volts including testing and commissioning  
Type: M-Pact  
Make: GE Power Controls  
Utilization Category- B  
Frequency-50 Hz  
Making Capacity: 105 KA Peak  
Breaking Capacity-50 KA RMS | Each | 23 | | |
| 02    | Repairing & servicing of LT OCBs (80/40-5 Amp 02 Numbers & 150/75-5 A-02 Numbers) Amp, 415 Volts including testing and commissioning  
Type: Epoxy Cast  
Make: Alstom  
Utilization Category- Metering & Protection  
Frequency-50 Hz  
Rated Voltage- 11 KV  
Insulation Level: 12KV/28KV/75 KVP  
Replacement/ Top up Mineral oil if required | Each | 04 | | |
| 03    | Overhauling & replacement of defective spare parts of ACB in LT panel board including cluster contact and Horizontal contacts | Each | 12 | | |
| 04    | Checking of LT panel bus bar and outgoing connection in LT panel & essential panel board includes complete checking and tightening of nut/ bolts etc. as required. | Each | 10 | | |
| 05    | S/II/TC of Potential Transformer at the Electrical substation as per following specifications:  
Type- PT-005  
Ratio Pri/ Sec: 11KV/110 V  
Connection: Star/ Star  
Frequency-50 Hz, Phase- 3 Phase  
Lightening Impulse Voltage: 75 KV  
Insulation Voltage-28 KV  
Highest System Voltage-12 KV  
Voltage Factor- 1.2 Continuous & 1.5 times for 30 Secs. | Each | 01 | | |
| 06    | Total | | | | |
| 07    | GST | | | | |
| 08    | Total inclusive GST. | | | | |

**Note:** During repair/ servicing following works should be carried out:

**Greasing of components:** Components like Pins, Roller Assemblies, Pole Latch Spring Retainer, SS Profile, Slotted Guide, Crank, Plate etc. should be greased properly with LITHON 2 of Hindustan Petroleum or Syntholube 10 of HJ Leach and BALEMEROIL MOLY Grease.

**Proper termination Check:** Proper termination test of cables, Busbars and Crimping of cables can be tested by measuring Milli-Volt drop across them. The termination should not be loose/ unclean/ less contacted area to avoid increase of joint resistance.