

## **Notice Inviting Tender**

**Name of Work** : **A/R & M/O window / split type air-conditioners, Water Coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.**

**Estimated Cost** : **₹ 10,83,318/-**

**Earnest Money** : **₹ 21,666/-**

**Performance Guarantee** : **5% of tendered cost**

**Security Deposit** : **5% of tendered cost**

**Time Allowed** : **One Year**

**Certified that this NIT contains\_\_\_\_\_ pages.**

**Executive Engineer (E)**

**MAIDAN GARHI: NEW DELHI- 110 068**

**NOTICE INVITING TENDER**

1. Item Rate tenders are invited on behalf of Vice Chancellor, IGNOU from approved eligible contractors of CPWD/PWD/DOT/BSNL/MES for the work of A/R & M/O window/split type air-Conditioners, water Coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.
2. The enlistment of the contractor should be valid on the last date of sale of tenders.
3. In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.
4. In case both the last date of receipt of application and sale of tenders are extended, the enlistment of contractor should be valid on either of the two date's i.e. original date of sale of tender or the extended date of sale of tenders.
5. The work is estimated to cost ₹ 10,83,318/-(Rupees Ten Lakh eighty three thousand three hundred eighteen only). This estimate, however, is given merely as a rough guide.
6. The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NIT's for calling the tenders. He will also nominate Division, which will deal with all matters relating to the invitation of tenders. For composite tenders, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tender will correspond to the combined estimated cost of different components put to tender.
7. The tenders will be issued to eligible contractors provided they produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works of magnitude as specified in the advertisement.
8. Agreement shall be drawn with the successful tender on prescribed Form No. CPWD-8, which is available as a Govt. of India publication. Tender shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
9. The time allowed for carrying out the work will be one year from the date of start as defined in the Schedule 'F' or from the first date of handing over the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
10. The site for the work shall be made available in parts as specified below:  
Site is available.
11. Applications for issue of forms shall be received by ----- (2.30 PM) and tender documents shall be issued by Executive Engineer (E) (upto 2.30 p.m.). Tender documents consisting of plans, specifications, the schedule of quantities of various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the Executive Engineer between hours of 11.00 a.m. & 4.00 p.m. from \_\_\_\_\_ to \_\_\_\_\_ everyday except on Saturdays/Sundays and Public Holidays. Tender documents, excluding standard form, will be issued from his office, during the hours specified above, on payment of ₹ 500/- in cash (non-refundable) as cost of tender.
12. Earnest Money of ₹ 21,666/- in shape of Pay Order/Demand Draft of a schedule Bank issued in favour of IGNOU, New Delhi should accompany the tender.
13. Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the Executive Engineer (E) upto 3.00 p.m. on -----

and will be opened by him or his authorized representative in his office on the same day at 3.30 p.m.

14. The contractor, whose tender is accepted, will be required to furnish Performance Guarantee of 5% (Five percent) of the tendered amount within the period specified in Schedule 'F'. This guarantee shall be in the form of cash (in case guarantee amount is less than ₹ 10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than ₹ 1,00,000/-) or Government securities of Fixed deposit receipts or Guarantee bonds of any Scheduled bank or the State Bank of India in accordance with the prescribed form.
15. Description of work is given at Page No. 1 may be seen. Copies of other drawings and documents pertaining to the works will be open for inspection by the tender at the office of the above mentioned officer. Tender are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tender shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tender shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tender implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants etc will be issued to him by the IGNOU and local conditions other factors having a bearing on the execution of work.
16. The competent authority on behalf of Vice Chancellor, Indira Gandhi National Open University does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all tenders received without assignment of any reasons. All tenders in which any of the prescribed condition is not fulfilled or any conditions including that of conditional rebate is put forth by the tender shall be summarily rejected.
17. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractor who resorts to canvassing will be liable to rejection.
18. The competent authority on behalf of Vice Chancellor, Indira Gandhi National Open University reserves to himself the right of accepting the whole or any part of the tender and the tender shall be bound to perform the same at the rate quoted.
19. The contractor shall not be permitted to tender for work in IGNOU (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grade of Suptd. Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relative to any gazetted officer in the University. Any breach of this condition by the contractor would render him liable to be removed from the approved list of the contractors of this department.
20. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering deptt. of the University is allowed to work as a contractor for a period of one year after his retirement from service, without the previous permission of the University authorities in writing. The contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such person who had not obtained the permission of the University as aforesaid before submission of the tender or engagement in the contractor's service.

21. The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders. If any tender withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the deptt, then the University shall, without prejudice to the any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tender shall not be allowed to participate in the re-tendering process of the work.
22. This Notice Inviting Tender shall form a part of the contract document. The successful tendered/contractor, on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :
- (a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
  - (b) Standard CPWD form 8.
23. For composite tenders
- (i) The tender must associate with himself agencies of the appropriate class eligible to tender for the other components individually.
  - (ii) It will be obligatory on the part of the tender to sign the tender document for all the components. (The schedule of quantities, conditions and special conditions etc).
  - (iii) After the work is awarded, the contractor will have to enter into separate agreements for each component with the officer concerned.
  - (iv) Executive Engineer in charge of minor component shall make interim payments in respect of minor component of work. Executive Engineer Incharge of the major component shall make the payment against final bill of the composite work
  - (v) The Executive Engineer-In-charge of the major component will call tenders for the composite work. The cost of tender document and earnest money will be fixed with respect to the combined estimated cost put to tender for the composite tender. Security deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of woks. The earnest money will become part of the security deposit of the major component of work.
  - (vi) On acceptance of composite tender by the competent authority, the letter of award will be issued by the Executive Engineer-In-charge of the major component on behalf of Vice Chancellor, IGNOU, making it clear in the letter of award that the contractor will have to execute separate agreements for different components of work with the concerned officers of the respective discipline.

**EXECUTIVE ENGINEER (ELECTRICAL)**  
**Engineer-In-charge**  
**For and on behalf of Vice Chancellor, IGNOU**

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
CONSTRUCTION & MAINTENANCE DIVISION  
MAIDAN GARHI: NEW DELHI- 110 068**

**Item Rate Tender**

(A) Tender for the work of A/R & M/O window/split type air-Conditioners, water Coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.

(i) To be submitted by 3.00 p.m. on \_\_\_\_\_

(ii) To be opened in presence of tenderers who may be present at 3.30 p.m. \_\_\_\_\_ in the office of the Executive Engineer (E).

Issued to \_\_\_\_\_

Signature of the officer issuing the documents \_\_\_\_\_

Date of issue \_\_\_\_\_

**TENDER**

I/We have read and examined the Notice Inviting Tender schedule A, B, C, D, E & F. Specifications applicable, drawings and design, General Rules and Directions of contract, clauses of contract, special conditions, Schedule of Rate and other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Vice Chancellor, IGNOU within the time specified in Schedule 'F' viz. schedule of quantities and in accordance in all respect with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and directions and in clause 11 of the conditions of the contract with such materials as are provided for, by, and in respect in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for ninety (90) days from the due date of its opening and not to make any modifications in its terms and conditions.

A sum of ₹ 21,666/- has been deposited in Pay order/Demand Draft of a scheduled bank as earnest money. If I/We fail to furnish the prescribed Performance guarantee within prescribed period, I/We agree that the said Vice Chancellor, IGNOU or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that Vice Chancellor, IGNOU or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in clauses of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or both earnest money and Performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work. We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the satisfy of the state.

Dated:

Signature and address of the contractor

Witness:

Address:

Occupation

### ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Vice Chancellor, IGNOU for a sum of ₹\_\_\_\_\_ (Rupees

The letters referred to below shall form part of this contract Agreement.

(a)

(b)

(c)

For and on behalf of Vice Chancellor, IGNOU

Signature and Designation

## **SCHEDULE 'F'**

Reference to General conditions of the contract.

Name of work: - A/R & M/O window/split type air-Conditioners, water Coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.

Estimated cost of work	₹ 10,83,318/-
Earnest Money	₹ 21,666/-
Performance Guarantee:	5% of tendered value
Security deposit	5% of tendered value

### **General Rules & Directions**

Officer Inviting tender	Executive Engineer (E), CMD
Maximum percentage for quantity of items of work to be Executed beyond which rates are to be determined in Accordance with Clauses 12.2 and 12.3	30%

### **Definitions**

2(i) Engineer Incharge	Executive Engineer (E),CMD
2(ii) Accepting Authority	VC (IGNOU)
2(iii) Percentage on cost of material and labour to cover all overheads and profits	15%
2(iv) Standard Schedule of Rates	Market Rates
2(v) Department	CMD (IGNOU)
9(vi) Standard CPWD contract form	CPWD form 8 as Modified upto date

### **Clause-1**

(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	10days
(ii) Maximum allowable extension with late fee 0.1% per day of P.G. amount beyond the period provided in (i) above	10 days

### **Clause-2**

Authority for fixing compensation under clause-2	VC (IGNOU)
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**Clause-2 A**

Whether clause 2-A shall be applicable.

NO

**Clause 5**Number of days from the date of issue of letter of acceptance  
For reckoning date of start

10 days

Mile stone (s) as per table given below:

**Table of Mile Stone(s)**

S.N.	Description of Milestone (Physical)	Time allowed in days (from dt of start)	Amount to be withheld in case of non-achievement of milestone
1.	NA	NA	NA
2.	NA	NA	NA
3.	NA	NA	NA

Time allowed for execution of work

One Year

**Clause 6,6A**

Clause applicable (6 or 6-A)

6

**Clause-7**Gross work to be done together with net payment/adjustment  
of advances for material collected, if any, since the last  
such payment for being eligible to interim payment

NA

**Clause-10A**

List of testing equipments to be provided by the contractor at site lab

1. \_\_\_\_\_NA\_\_\_\_\_

2. \_\_\_\_\_NA\_\_\_\_\_

3. \_\_\_\_\_NA\_\_\_\_\_

4. \_\_\_\_\_NA\_\_\_\_\_

**Clause-10B**

Whether clause 10-B (ii) shall be applicable

No

**Cause-10 CA**

Material covered under this clause	Nearest material for which All India wholesale price index is to be followed
1. NA	NA
2. NA	NA
3. NA	NA



**Clause-10CC**

Clause 10-CC to be applicable in contract with stipulated period of completion exceeding the period shown in next column

NA

**Clause-11**

Specification to be followed for execution of work

As Per CPWD Specifications/BIS & special Conditions of tender

**Clause-12**

12.2 & 12.3 – Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building work

30%

12.5 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work.

N.A

**Clause-16**

Competent authority for deciding reduce rates

VC (IGNOU)

**Clause-18**

List of mandatory machinery, tools and plants to be deployed by the contractor at site.

As per site requirement

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_  
4. \_\_\_\_\_ 5. \_\_\_\_\_ 6. \_\_\_\_\_

**Clause- 36 (i)**

Requirement of Technical Representative(s) and recovery rates

S.N	Minimum Qualification of Technical Representative	Discipline	Description (Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate of recovery shall be made from the contractor in the event of not fulfilling provisions of clause 36(i)	
						Figure	Words
1	Graduate Engineer	Electrical		Nil	1	₹ 10,000/-	Ten Thousand
2	Or Diploma Engineer	-do		5Yrs	-do-	-do-	-do-

Assistant Engineers retired from Govt services that are holding Diploma will be treated at Par with Graduate Engineers.

**Clause-42**

Whether clause 42 shall be applicable

-No-

## NOTE

In this Agreement wherever the word mentioned under Column 'A' appear the same may be construed to mean the word opposite to it in Column 'B' except for CPWD Contractor Labour Regulation, CPWD Safety Code, CPWD Specification and Delhi Schedule of Rates CPWD.

<b>'A'</b>	<b>'B'</b>
Central PWD, CPWD	Indira Gandhi National Open University
President of India	Vice –Chancellor, IGNOU
Chief Engineer	Chief Project Officer, IGNOU
Superintending Engineer	Chief Project Officer, IGNOU
Divisional Officer) Engineer Incharge)	Executive Engineer (E), CMD, IGNOU
Sub-Divisional Officer	Assistant Executive Engineer (E), CMD, IGNOU

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
CONSTRUCTION & MAINTENANCE DIVISION  
MAIDAN GARHI, NEW DELHI  
NOTICE INVITING TENDER**

The Executive Engineer (E) Construction Maintenance Division invites on behalf of Vice-Chancellor, Indira Gandhi National Open University, sealed item rate Tenders for the following work from the eligible contractors of CPWD and those of appropriate list of PWD/DDA/BSNL/DOT/MES/MCD and specialized agencies carrying out such similar type work. The

tenders will be sold only on production of Original Registration (in case of Registered contractor), TIN, PAN No., latest challans for VAT deposit and proof for satisfactory completion of three similar works each costing to 40% of the estimated cost or two works each costing to 60% of the estimated cost or one work costing to 80% of the estimated cost during the last five years, duly certified by the competent authority of the client department. All the original documents must accompany by the agency while applying for issue of tenders.

Name of Work	Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Cost of Tender (in ₹) N/R	Last Date of Receipt & sale of Tender	Date of Opening of tender	Time Allowed
<b>A/R &amp; M/O window/split type air-Conditioners, water coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.</b>	<b>10,83,318/-</b>	<b>21,666/-</b>	<b>500/-</b>	<b>11.06.2015</b>	<b>15.06.2015</b>	<b>One Year</b>

Tender form and conditions can be obtained from the office of the undersigned, Construction & Maintenance Division, Indira Gandhi National Open University, Maidan Garhi New Delhi-68 on any working day upto 2.30 pm on the date and time given above. The time for submission of Tenders are upto 3.00 pm which shall be opened on the same day at 3.30 pm on the date given. The undersigned reserves the right to accept or reject any or all tenders without assigning any reason.

**Note:- The tender documents in the website are for information only. Downloaded tender documents will not be considered for bidding. The contractor shall quote their rates in the NIT issued by the department only. If rates quoted in other form will not be considered. Contractors/Agencies have to act as per above NIT.**

**(U. P. Sharma)**  
**Executive Engineer (E)**

**Name of work:-** A/R & M/O window/split air-Conditioners, Water Coolers installed at IGNOU Campus, Maidan Garhi, and AGVC flats New Delhi.

**Scope of Work:-** The work under this contract generally consists of replacement of defective parts including leakage repairing & gas filling etc. as & when required in respect of Air-Conditioners and water Coolers of different makes installed at IGNOU Campus, Maidan Garh and residential flats at AGVC. The contractor shall maintain these equipments during the period of contract. For the purpose of repair to these equipments the

contractor shall station service staff at IGNOU Campus Maidan Garhi, New Delhi along with required spare parts as stated in the schedule of quantity.

**SPECIFICATION & SPECIAL CONDITIONS :**

1. Before quoting the rates, the contractor shall acquaint himself with the conditions of the Air-Conditioners, Water Coolers and their installation in the Campus and Residences at AGVC. The university shall not entertain any claim on account of cartage of spare parts, engineering staff including machines and incidental thereof beyond their quoted rates.
2. In case only the last date of sale of tender is extended, the enlistment of contractor should be valid on the original date of sale of tenders.
3. The maximum time allowed for the repair of individual machine shall be 05 days only incase if compressor got faulty otherwise repair of individual items (other then compressor) shall be only 03 days from the date of its getting out of order or depending upon the nature of repair. In case, the contractor fails to repair the same within the stipulated period, the university shall levy penalty of Rs. 250/- per day for the period the machine remained out of order up to a maximum of 20days and then department will rectify the machine at the risk & cost of contractor.
4. The contractor has to perform usual service twice in one year for which no extra charges will be given. For the purpose of service, the contractor shall keep service cards, which shall be signed by the user when service is done. Proof for each service shall be shown to the concerned Engineer incharge for their entries in maintenance register.
5. The decision of Engineer incharge shall be final to the means and method to be employed for the repair/service work under this contract.
6. Repairing of machines includes replacement of parts, gas leak repair, filling of gas etc. and payment will be made as per their quoted rates.
7. In case of contractor fails to supply the requisite spare parts the university shall provide the same to the contract at his risk and cost.
8. Before closure of the contract the contractor shall handover all the equipments in working condition to the University. In case any equipment is found out of order, the final payment shall be released after getting it repaired by the contractor failing which the same shall be got done at his risk and cost.
9. Quarterly running payment shall be made to the contractor on the proportionate basis of the contract period.
10. The compressor of Air-Conditioners which are under the warranty period of respective make shall be the responsible of the working agency to got replaced the same from the respected manufacturer to which the original compressor pertains to and no extra payment shall be made. It is the responsibility of the agency to coordinate with the respective manufacturer. The compressors of Water coolers shall also be got replaced from the respective manufacturer and payment shall be made to the agency as per their quoted rates.
11. The voltage stabilizers of different capacity and make attached with the A.C's are under warranty period. In case of any defects or non-functioning occurs, it is the responsibility of the agency to get them repaired/replaced from the respective manufacturer, for which gate pass will be issued by the department and any cartage/conveyance charge required for the purpose will be borne by the agency only.
12. If during the execution of work any building, doors, road, paths, machines, appliances and fixture and fitting are damaged/broken by the the contractors' staff the same shall be got repaired/replaced by the contractor at his own risk and cost.

13. The electricity and water for the purpose shall be made available by the department free of cost to the contractor for the subject work.
14. The completion of the work shall be recorded only after contractor has cleared the site of all his tools and plants, machinery, scaffolding and other material and have kept the site clean.
15. For attending day to day maintenance of Air-Conditioners/Water Coolers the contractor shall deploy two number Mechanic having experience along with two number of Khallasi/Helper. They have to report to site Incharge Engineer or his representative daily on general dutty hours 9.30 a.m. to 6.00 p.m. In case any AC mechanic, Khallasi/Helper fails to report in the office, penalty @ Rs. 350/- per day per mechanic and penalty @ Rs.250/- per day per Khallasi/Helper shall be livied while releasing payment.
16. The site shall be handed over by the contractor after the completion of the contract within three days otherwise a penalty @ Rs. 5000/- per day will be livied if the agency fails on this account. The penalty shall be recovered from the final Bill/Security deposit.
17. The rates quoted by the agency shall be inclusive of all taxes, duties, etc. Nothing extra beyond their quoted rates will be entertained be the department.
18. The contract can be extended on the same rates, terms & conditions for further period if department desire subject to the performance of the agency. Likewise, the contract can be terminated at any time without assigning any reason due to unsatisfactory performance of the agency.
19. Under this contract the replacement means supplying and fixing of new parts as in the tender after removing the damaged/unserviceable parts in the machines at site. The new parts shall be procured from the manufacturer or authorized dealer as per make and brand used in the existing machines. No cartage including labour cost for fixing, testing etc. will be entertained by the department.
20. Old parts except Compressor (which is under warranty) will be IGNOU's property and the agency is responsible for maintaining replacement records along with authentication by the respective users/side engineers.
21. Statuary deductions as per Govt. rule shall be made by the department from the bills while releasing payment to the agency.

**(U.P.SHARMA)**  
**Executive Engineer (E)**

### **SCHEDULE OF QUANTITY**

**Estimated Cost: 10,83,318/-**

**Earnest Money Deposit: 21,666/- (Demand Draft/Pay order only in favour of IGNOU)**

**Time Allowed: One Year**

**Issued to:-**

**Date of opening:-**

**Name of work: A/R & M/O window/split type air-conditioners, water coolers installed at IGNOU Campus,**

Maidan Garhi and AGVC flats New Delhi.

S.no	Description	Qty.	Unit	Rate	Amount
1.	Leakage repair and gas charging : (a) 1.5/2.0 ton capacity window type air-conditioners. (b) 1.5/2.0 ton capacity split type air-conditioners.	15no. 15no.	Each Each		
2.	Replacement of fan motor (New): (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	20no. 20no.	Each Each		
3.	Replacement of fan motor blade of: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	5no. 5no.	Each Each		
4.	Replacement of running capacitor: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	15no. 15no.	Each Each		
5.	Replacement of starting capacitor: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	15no. 15no.	Each Each		
6.	Replacement of motor capacitor: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	10no. 10no.	Each Each		
7.	Repairing/Rewinding of fan motor: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	8no. 8no.	Each Each		
8.	Replacement of blower fan : (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	5no. 5no.	Each Each		
9.	Replacement of starting relay: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	8no. 8no.	Each Each		

10.	Replacement of three core wire of size 80/20 sqmm	50m	Mtr.		
11.	Replacement of front grill: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	3no. 3no.	Each Each		

12.	Installation of air-conditioners: (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	15no. 15no.	Each Each		
13.	Replacement of PCB along with cordless remote (New): (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	3no. 3no.	Each Each		
14.	Repairing of PCB along with cordless remote : (a) 1.5/2.0 ton capacity window air-conditioners. (b) 1.5/2.0 ton capacity split air-conditioners.	3no. 3no.	Each Each		
15.	Replacement of water cooler motor (New): (a) For capacity 40/80 ltr (b) For capacity 150/150 ltr	2no. 3no.	Each Each		
16.	Rewinding of water cooler motor of : (a) For capacity 40/80 ltr (b) For capacity 150/150 ltr	2no. 3no.	Each Each		
17.	Replacement of water cooler compressor (New): (a) For capacity 40/80 ltr (b) For capacity 150/150 ltr	3no. 3no.	Each Each		
18.	Gas Charging of water coolers: (a) For capacity 40/80 ltr (b) For capacity 150/150 ltr	3no. 4no.	Each Each		
19.	Replacement of air-conditioners'sCompressor (New) (a) 1.5 ton capacity split/window type air-conditioners (b) 2.0 ton capacity split/window type air-conditioners	10no. 10no.	Each Each		
20.	Supply and fixing of 1.5/2.0 ton capacity split air-conditioner contractor	10no.	Each		
21.	Supply and fixing thermostat of air-conditioner and water cooler	10no.	Each		

22.	Supply and fixing outdoor units stands for split air-conditioners	2no.	Each		
23.	Supply and fixing copper pipe,(succession & discharge), insulation, 3 core (80/20 sqm inch) wire, drain pipe etc.	30m	Mtr.		

24.	Replacement of air filter (a) 1.5/2.0 ton capacity window type air-conditioners. (b) 1.5/2.0 ton capacity split type air-conditioners.	5no. 5no.	Each Each		
25.	Providing mechanic of air-conditioner and water cooler for One year	2no. (for 12 months)	Each Per month		
26.	Providing helper to assist mechanic for One year	2no. (for 12 months)	Each Per month		

**(U.P.SHARMA)**  
**Executive Engineer (E)**