



**Project Office**  
**Delhi Technological University**  
 Shahbad Daultpur, Bawana Road, Delhi – 110042

**PRESS NOTICE**

**Notice Inviting e-Tender**

The Chief Project Officer, on behalf of DTU, invites online Item rate tender in two bid systems through e-tendering from HVAC registered contractor in CPWD in appropriate class for the following work:-

1. NIT NO:-01/Project Office/2015-16

Name of Work: - Comprehensive maintenance of 647 Nos of different type of AC at DTU Campus, during 2015-16

Estimated Cost: - Rs **643720/-** Earnest Money: - Rs 12,874/-,

Period of Work 7 months.

Last date and time of online submission of PQ and financial bids upto 24/03/2015 at 3:00 P.M.

**The tender document and other details can be obtained/seen from the web site:**  
<https://govtprocurement.delhi.gov.in> DTU \_ 2015\_ \_ 1

Chief Project Officer

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Not to be published below this line.

Chief Project Officer  
 Delhi Technological University  
 Bawana Road, Delhi-110 042



**Project Office**  
**Delhi Technological University**  
 Shahbad Daultpur, Bawana Road, Delhi – 110042

**Name of Work:** - Comprehensive maintenance of 647 Nos of different type of AC at DTU Campus, during 2015-16

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**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR E-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE**

The Project Office, Delhi Technological University, Shahbad Daulatpur, New Delhi invites the Item Rate Tender through E-tendering from HVAC registered contractor in CPWD in appropriate class , In two bid System (Eligibility-cum- PQ Bid and Price Bid preceded) for following work for the following works:-

<b>NIT. No.</b>	<b>Name of work &amp; location</b>	<b>Estimated Cost</b>	<b>Earnest money</b>	<b>Time Allowed</b>	<b>Start date of download &amp; submission the tender document</b>	<b>Last date of download &amp; submit the tender document</b>	<b>Time and Date of Bid Opening</b>
1.	Comprehensive maintenance of 647 Nos of different type of AC at DTU Campus, during 2015-16	<b>Rs. 643720/-</b>	<b>Rs.12874/-</b>	<b>07 month</b>	<b>3.00 PM On dt. 17/03/15</b>	<b>3.00 PM On dt. 25/03/14</b>	<b>3.30 PM On dt. After A/A of PQ application</b>

- Scanned copies of all required documents viz. **Demand draft/ Postal order/ fixed deposit receipt of a schedule bank for EMD in favour of Registrar, DTU,VAT Registration documents, PAN**, Specialization details for eligibility as specified etc. are to be uploaded. Original DD/PO /FDR for EMD (Bid security) as well as signed copies of above mentioned documents shall be deposited in the tender box placed in Admn. Block, DTU Delhi-42 for The same before 1500 hrs. On the last day fixed for uploading of bids failing which their bids shall not be evaluated opened. Price bid shall be uploaded on the website before the last date/time for receipt of the tender. The price bid of only those tenderer will be opened whose application are found in order and approved by the competent authority.
  - They should have satisfactorily completed the above mentioned work; the firm should have executed the completed work for the above mentioned work for aggregate value not less than specified below.  
Three works costing not less than 40% of estimated cost. Or  
Two works costing not less than 60% of estimated cost. Or  
One work costing not less than 80% of estimated cost.
- 
- All the works should be in Central Govt./ State Govt./ Central Govt. Public Sector Undertaking/State Govt. Public Sector undertaking/ Central Govt. Autonomous Body during the last 7 years ending 28.02.2015
- This tender information may also be seen at website <https://govtprocurement.delhi.gov.in>  
Tender Detail No

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Not to be published

**Chief Projector officer**

**GOVERNMENT OF NCT OF DELHI  
DELHI TECHNOLOGICAL UNIVERSITY  
NOTICE INVITING TENDER**

1. The Project Office, Delhi Technological University, Shahbad Daulatpur, New Delhi on behalf of DTU, invites online item rate tenders through e-tendering from HVAC registered contractor in CPWD in appropriate class”
  - 1.1 The work is estimated to Cost Rs 643720/-.
  - 1.1.1 The authority competent to approve NIT for the subject work and belonging to the major discipline will consolidate NITs for calling the tenders. He will also nominate Division, which will deal with all matters relating to the invitation of tenders.
  - 1.2 The tender shall be submitted the offer under system i.e. Eligibility. The firm submit the following documents shall be deposited in the tender box placed in Admn. Block, of **Project Office, Delhi Technological University , Shahbad Daulatpur, New Delhi** before the time and date of closing of the bid as mentioned in the para 5 below
    - (i) Scanned copy of **Earnest Money**. However, Earnest Money in original is to be submitted
    - (ii) Scanned copy of proof of having submitted the latest **DVAT/ST returns** etc. However attested copies to be submitted
    - (iii) Scanned copy of **Registration certificate in HVAC contractor in CPWD**. However attested copies to be submitted and completion certificate for execution of Rs 5.14 Lac electrical work of similar work.
2. Agreement shall be drawn with the successful tenderer on prescribed Form No....., which is available as a Govt. of India Publication. Tenderer shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
3. The time allowed for carrying out the work will be **07 months from** the date of start as defined in schedule ‘F’ or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available.
5. Tenders forms can be down loaded upto **..../.../2015(3.00 PM)**  
Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms & 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 **Project Office, Delhi Technological University, Shahbad Daulatpur, New Delhi** between hours of 11.00 AM & 4.00 PM from .....**2015 to.....2015** every day except on Sundays and Public holidays. Tender documents, excluding standard form, can be downloaded from the website <http://delhi.govtprocurement.co.in> free of cost and deposited along the following: -
  - (i) The Earnest money of **Rs 12874/-** shall be in the form of Receipt, Treasury Challan/ Deposit at Call receipt of a scheduled bank/ fixed deposit receipt of a scheduled bank/ demand draft of a scheduled bank issued in favour **The REGISTRAR, DTU campus, , New Delhi**. Xerox copy of the above is to be scanned and uploaded along with the tender and the original Receipt of Treasury Challan / Deposit at Call receipt of a scheduled bank/ fixed deposit receipt of a scheduled bank/ demand draft of a scheduled bank shall be deposited (in sealed envelope with name of work and due date written on the envelope) in the office of **The REGISTRAR, DTU campus, , New Delhi**. upto 3.00 PM on due date. Failure to furnish the original Receipt of Treasury Challan / Deposit at Call receipt of a scheduled bank/ fixed deposit receipt of a scheduled bank/ demand draft of a scheduled bank will entail rejection of bid and black listing.
6. Tenders will be received through E-tendering by the Chief Project Officer, **DTU campus, New Delhi**. upto 03.00 PM on ..... and will be opened by him or his authorized representative in his office on the same day and on .....at 03.30 PM.
7. 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 Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/ Bankers’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 Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

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Correction.....  
Deletion.....  
Insertion.....

8. The description of the work as follows: **As per BOQ attached.**

Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer.

Tenderers 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 is 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 tenderer 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 tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & 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 tenderer 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 plant etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

9. The competent authority, on behalf of President of India, does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of any reason. All tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
10. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
11. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
12. The contractor shall not be permitted to tender for works in the CPWD circle (Division in case of contractors of Horticulture /Nursery category) 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 grades of Superintending 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 relatives to any gazetted officer in the Central Public Works department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this. Department.
13. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.
14. The tender for the works shall remain open for acceptance for a period of ninety days from the date of opening of tenders/ ninety days from the date of opening of financial bid (strike out as the case may be). If any tenderer 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 department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.
15. This Notice inviting tender shall form a part of the contract document. The successful tenderer / 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 C.P.W.D. Form-7/8.
16. The clause No. 16 of form CPWD 6 is modified as under:-
- 16.1.1 The Chief Project Officer 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.

- 16.1.2 The tender document will include following three components : Part A- CPWD-6, CPWD-7/8 including schedule A to F for major component of the work, standard General Conditions of Contract for CPWD 2008 or latest addition as applicable with all amendments /modifications.
- Part B:- General/Specific conditions, specifications and schedule of quantities applicable to major component of the work.
- Part C: Schedule A to F for minor component of the work, (SE/CPO in charge of major component shall also be competent authority under clause 2 and clause 5 as mentioned in schedule A to F for major components) General/Specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.
- 16.1.3 The tenderer must associate with himself, agencies of the appropriate class eligible to tender for the minor components individually.
- 16.1.4 The eligible tenderers for major component will quote rates for various items of minor components of work also. It will be obligatory on the part of the tenderer to sign the tender document for all the components (The schedule of quantities, conditions and special conditions etc.).
- 16.1.5 After acceptance of the tender by competent authority, the CPO in charge of major component of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with CPO in charge of major component and has also to sign two/or more copies of agreement depending upon number of CPO's/DDH in charge of minor components. One such signed set of agreement shall be handed over to CPO/DDH in charge of minor component. CPO of major component will operate part A and part B of the agreement. CPO/DDH in charge of minor component (s) shall operate part C along with part A of the agreement.
- 16.1.6 Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.
- 16.1.7 Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The earnest money will become part of the security deposit of the major component of work.
- 16.1.8 The main contractor has to associate agency (s) for minor component(s) confirming to eligibility criteria as defined in the tender document and has to submit detail of such agency(s) to Engineer-in-charge of minor component(s) within prescribed time. Name of the agency (s) to be associated shall be approved by Engineer –in-charge of minor component(s).
- 16.1.9 In case the main contractor intends to charge any of the above agency/ agencies during the operation of the contract, he shall obtain prior approval of Engineer in-charge of minor component. The new agency/agencies shall also have to satisfy the laid the down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contract to change the agency executing such items of work and this shall be binding on the contractor.
- 16.1.10 The main contractor has to enter into agreement with the contractor (s) associated by him for execution of minor component (s). copy of such agreement shall be submitted to EE/DDH in charge of minor component as well as to CPO in charge of major component. In case of change of associate contractor, the main contractor has to enter into agreement with the new contractor associated by him.
- 16.1.11 Running payment for the major component shall be made by CPO of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer in-charge of the discipline of minor component directly to the main contractor.
- 16.1.12 Final bill of whole work shall be finalized and paid by the CPO of major components. Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the CPO of major component for including in the final bill for composite contract.

CPO

**GOVERNMENT OF NCT OF DELHI  
DELHI TECHNOLOGICAL UNIVERSITY**

STATE DELHI  
BRANCH E & M

CIRCLE DTU PO  
DIVISION DTU EC  
SUB-DIVISION Electrical

**Item Rate Tender & Contract for Works**

**Tender for the work of:** - Comprehensive maintenance of 647 Nos Window type /Split type Air conditioner in DTU Campus, during 2015-16

(i) To be uploaded by 3.00 **P.M.** hours on ....../.../2015 to **PROJECT OFFICE.**  
(time) (date)

(ii) Price Bid to be opened online at ....../.../2015 **3.30** hours on or later on in the office of **PROJECT OFFICE, DTU campus.**

Issued to: Draft N.I.T  
(contractor)

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

Designation Chief Project Officer, DTU campus

**TENDER**

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects 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 contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for Ninety (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs. 12874/-** has been deposited in cash/Receipt Treasury Challan/Deposit at call receipt of a Scheduled Bank/fixed deposit receipt of scheduled bank/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 President of India 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 President of India 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 12.2 and 12.3 of the tender form.

I/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 therefrom 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 safety of the State.

J.E(E)

Correction.....  
Deletion.....  
Insertion.....

I/We hereby declare that I/We shall treat documents drawings and other records connected with the work as secret/ confidential documents and shall not communicate information /derived therefrom 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 safety of the State.

Dated .....

Signature of Contractor  
Postal Address

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 dtu for a sum of

Rs. \_\_\_\_\_(Rupees \_\_\_\_\_)

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

- a)
- b)
- c)

On behalf of DTU.

Signature \_\_\_\_\_

Dated .....

Designation \_\_\_\_\_



**SCHEDULES****SCHEDULE 'A'****As per Schedule attached page no 14.**

Schedule of quantities (Enclosed.)

**SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description Of item	Quantity	Rates in figures & words At which the material will be charged to the contractor.	Place of Issue
1	2	3	4	5

**NIL**

**SCHEDULE 'C'**

Tools and plants to be hired to the contractor.

S. No.	Description	Hire charges per day.	Place of Issue
1	2	3	4
		NIL	

**SCHEDULE 'D'**

Extra schedules for specific requirements / documents for the work, if any.

**Additional Conditions, General Specifications and Other Terms and Conditions from Page. to Page.****SCHEDULE 'E'**

Reference to General Conditions of contract.

**Tender for the work of:-** Comprehensive maintenance of 647 Nos Window type /Split type Air conditioner in DTU Campus, during 2015-16Estimated cost of work. : **Rs. 643720/-**

- (i) Earnest Money : **Rs. 12874/-**
- (ii) Performance Guarantee = 5% (five percent) of the tendered value.
- (iii) Security Deposit: 5% (five percent) of the tendered value.

**SCHEDULE 'F'****GENERAL RULES & DIRECTIONS:**

Officer inviting tender Chief Project Officer, DTU campus  
 Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3 See below.

**Definitions:**

- 2 (v) Engineer –in – charge Chief Project Officer, DTU campus
- 2 (viii) Accepting Authority Competent authorities of DTU campus
- 2 (x) Percentage on cost of materials and labour to cover all over heads and profits. 15%
- 2 (xi) Standard Schedule of Rates. MR
- 2 (xii) Department Delhi Technological University
- 9 (ii) Standard CPWD Form CPWD forms 8 as modified & corrected upto date.

**Clause 1**

- i) Time allowed for submission of Performance Guarantee From the date of issue of letter of acceptance, in days 15 Days
- ii) Maximum allowable extension beyond the period provided In i) above in days 7 Days

**Clause 2**

Authority for fixing Compensation under Clause 2. VC/ DTU/CPO

**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<sup>th</sup> days

**Miles Stone(s) as per table given below:-**

**TABLE OF MILE STONES (S)**

S.No.	Description of Milestone(Physical)	Time Allowed in days (from date of start)	Amount to be with - held in case of non achievement of milestone.
		Nil	

Time allowed for execution of work 07 months

**Clause 6 or 6 A**

Clause applicable – (6A )

**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.

\_\_\_\_\_  
N.A.  
\_\_\_\_\_

**Clause 10 A**

Listing of testing equipment to be provided by the contractor at site lab.

- 1. ....
- 2. ....
- 3. ....
- 4. ....
- 5. ....
- 6. ....

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Correction.....  
Deletion.....  
Insertion.....

**Clause 10 B (ii)**

Whether Clause 10 B (ii) shall be applicable No

**Clause 10 CA**

Material covered under the Clause	Nearest material for which All India Wholesale Price index is to be followed
1. _____	_____
2. _____	_____
3. _____	_____

**Clause 10 CC**

Clause 10 CC to be applicable in contracts \_\_\_\_\_N.A.\_\_\_\_\_months  
 With stipulated period of completion exceeding  
 The period shown in next column.

**Clause 11**

Specifications to be followed CPWD specification amended upto date  
 execution of work.

**Clause 12**

12.2 & 12.3      Deviation limit beyond which 25%  
 Clause 12.2. & 12.3 shall apply  
 for maintenance work

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

**Clause 16**

Competent Authority for V.C \_\_\_\_\_ Deciding reduced rates.

**Clause 18**

List of mandatory machinery, Tools & plants to be deployed by the contractor at site:-

**Clause 36 (i)**

S. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36 (i)	
						Figures	Words
1.	DIPLOMA	Electrical	Technical Representation	2 years	1	15000-	(Rupees Fifteen Thousand Only)

**Clause 42**

JE (E)DTU

Correction.....  
 Deletion.....  
 Insertion.....

- i) (a) Schedule/ statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates \_\_\_printed by C.P.W.D. N.A.
- ii) Variations permissible on theoretical quantities.
- (a) Cement for works with estimated Cost put to tender not more than Rs. 5 Lakhs. : N.A.
- For works with estimated cost put to Tender more than Rs. 5 lakhs. : N.A.
- b) Bitumen All works. : N.A.
- c) Steel Reinforcement and structural steel sections for each diameter, section and category : N.A.
- d) All other materials : Nil

**RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

SI. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor. Rates in schedule 'B' plus 10% in case materials issued by the Department.	
		Excess beyond permissible variation.	Less use beyond the permissible variation.
1.	<b>Cement</b>	/	
2.	<b>Steel reinforcement</b>		
3.	<b>Structural sections</b>		
4.	<b>Bitumen issued free</b>		
5.	<b>Bitumen issued at stipulated fixed price.</b>		

## Schedule of work

STATE DELHI DIVN. Project Office  
S.  
BRANCH E & M DIVN. ENGG CELL

Name of Work Comprehensive maintenance of 647 Nos of different type of AC at DTU Campus, during 2015-16

Sl. No.	Description of item	qty.	rate	unit	amount
1	Comprehensive running maintenance of Air conditioners of capacity different makes installed at various places at DTU campus i/c rewinding of blower motor replacement of defective parts, charging of refrigerant gas in case of leakage, rewinding/replacement of compressor, and cleaning, washing the coil, oiling, greasing and day to day complaint attending and including testing and commissioning as reqd per direction of E-In-Charge. For months 07				
1.1	Window type 1.5 ton	252		Per month	
1.2	Window type 2.0 ton	50		Per month	
1.3	Split type 1.5 ton	116		Per month	
1.4	Split type 2.0 ton	194		Per month	
1.5	Cassette type 2.0 ton	23		Per month	
1.6	Tower type 3.0 ton	6		Per month	
1.7	Ductable type 3.0 ton	6		Per month	

Grand Total for months 07 @

**JE**

**Assistant Engineer**

**Chief Project Officer**

JE (E)DTU

Correction.....  
Deletion.....  
Insertion.....

**TERMS AND CONDITIONS**

1. Type of work involve Operation; testing and routine maintenance of Window/Split/package type ACs and equipment's.
- 2.1 The maintenance work shall be done as per Rules & specifications of CPWD for Air conditioning HVAC 2004 and as per I.E. Rules amended upto date.
- 2.2 The Contractor's personnel will be required to provide maintain the complaint and other records as prescribed by the department.
- 2.3 All installations shall be kept clean and safe from risk of fire/theft/accidents and damage for all type of ac etc.
- 2.4 Servicing of ACs shall be carried out for period of 07 months i.e. before start of the summer season and equipment's must be ready for operation and routine maintenance in the month of April 2015. Operation and routine maintenance of the equipments shall be carried out from April to October however this period can be extended further depending upon the atmospheric conditions.
- 3.1 All the components /accessories required for replacement of defective /burnt out parts shall be supplied by the Deptt. free of cost or shall be paid extra as decided by Engineer in charge however nothing extra shall be paid on a/c of labour part.
- 3.2 Major repairs are not included in the scope of work however, the contractor shall intimate to the site Engineer for occurrence of such faults immediately. Such repairs shall be carried out by the Deptt. Independently or to be paid extra. Decision of Engineer in charge in this respect shall be final and binding to the contractor.
- 3.3 The contractor must have resources in this respect of availability of spars and labours for such major repairs so that services to the client Deptt. can be restored without loss of time.
4. **Staff Deploy by the contractor**
- 4.1 i) AC Mechanic- 4 nos (2 nos. each in two shifts of 9 AM to 5 PM & 2 PM to 10 PM) on all working days excluding Sundays & holidays including one supervisor.
- ii) Khallasi- 2 Nos. (1 no. each in two shifts of 9 AM to 5 PM & 2 PM to 10 PM) on all working days excluding Sundays & holidays
- 4.2 **Qualifications :-**
- a) A.C. Mechanic : Minimum 3 year experience in same field.
- b) Khallasi : Two years' experience in similar work
5. **Execution of Work**
- 5.1 Before starting the work, the contractor shall take over the SITE, any short comings noticed at the time of taking over shall be brought to the notice of JE(E) . Failing which it shall be presumed that the site has been taken over in perfect working order. After completion of the work against the agreement, the inventory shall be handed over as per direction of Engineer-in-charge or his authorized representative. In case any short fall or damage to the installation is noticed, the contractor shall make good

JE (E)DTU

Correction.....  
 Deletion.....  
 Insertion.....

- the same with the same make equipment or as per direction of Engineer-in-charge, failing to do so, the recovery shall be effected from the bill.
- 6 The complaint if any shall be attended at once in 8 hours failure of which shall be liable to penalty @ Rs.800 per day/per mechanic.
- 7 No T&P shall be issued by the department.
- 8 The contractor should be maintain a maintenance and parts replaced and got Signed by directly by the respective users through their respective Department/ HOD's/Oic/AR (GA)/ E IN C.
- 9 The contractor shall handover the all unit's in good working conditions after completion of work.
- 10 The work shall be carried out as per CPWD Specifications and to the entire satisfaction of engineer -in -Charge/client
- 11 Replacement /rewinding of remote control is not inclusive scope of work.
- 12 The user to provide specified proper Electrical supply desired for the i.e.230 volts ± 5% for single phase and 415V volts the unit ± 5% volts for 3 Phase supply proper load balancing should be ensured .
- 13 The user wil provide and maintain the electrical power supply. The wiring to the unit the connection and disconnecting switches/circuit break. These will be attended by the owner/user through his own agency.
- 14 The obligations of carrying out the service is subject to force major conditions mentioned under AEs scope due to strike, look outs industry ial/Labour disturbance any natural calamities such as fire floods accidental damages, etc. or any act of god, riots war or restrictions imposed by the govt. and generally any conditions arising from similar causes for supply of spare parts, etc and for any reasons beyond our control.
- 15 Any kind of consequential liquidated damaged/losses of any kind whatsoever are not concerned under this service scheme.
- 16 Any break down/complaint made by the user during the normal working hours, will be attend on all working days.
- 17 Supply, free of charge of all spares and materials which are found defective and necessary for the unit. these will be replaced promptly the defects having been caused during service period due to wear and tear only and ot due to maloperation sabotage or any other calamities such as fire or earthquake, etc. EXCLUSIONS:- Replacement of sheet metal parts. Front panel/grill. Outer wrapper /casing and painting of any kind airlifter's for **Amtrex ,Videocon, carrier, bonair,LG, Bolin Aricon,Purison Hitachi,Azure Sharp, parasonic, Voltas Lloyds ,bluestar, Totalline York** models.,rep;acements to coils. heating system is not include. voltage stablizers are not included. Missing parts chargable.



- 18 Contractor will provide mobile phones to the staff and number shall be intimated to the Deptt./Hod's/Oic/AR (GA)/Engineer in charge/client. The complaints will be received and register by the contractor/his staff directly and also submitted to AE/JE
- 19 The complaint number should be sent to user on his/her mobile no through SMS
- 20 The complaint should be calculated with in 8 hrs on working days within 24 hrs during weekends/gazette holidays.  
If there is any major fault like replacement, compressor, motor, PCB kit etc. The complaint should be completed within 2 days from the date of lodging of complaint.
- 21 If the complaint is not attended/rectified by the vender, a penalty of Rs 500 per day will be imposed and deducted from bill accordingly. The vender required to keep the following material/equipment's for replacement on emergency:-  
i) Compressors  
ii) Motor
- 22 In case of non-attended the complaint the user id required to forward the SMS received from the vender to AE/JE Electrical for further necessary action. The work shall be carried out as per CPWD specifications for HVAC works as amended upto date.
- 23 Materials shall be got approved from respective users through their respective Cilent/Engineer in charge before use at site.
- 24 Work shall be carried out in the occupied area, hence no claim of idle labour shall be entertained.
- 25 For replacement of defective spare parts with new one, dismantled material shall be returned to the Deptt. by the contractor.
- 26 Firm shall stand warrantee for new items in writing for following :-  
a) Company Repaired Compressor – 6 months  
b) Company repaired motors - 3 months  
c) Remote kit PCB plate - 6 months.
- 27 Replacement of company repaired parts/equipment such as compressor/motor/ remote kit, dismantled material will be the property of the contractor and rates shall be quoted accordingly.
- 28 If not attending the complaints within 8 hrs. Recovery will be @ 800/- per complaint per day.
- 29 In case of any accident /mishappening, the department shall not be responsible for the same. If any compensation is paid to the Victim, the same shall be paid by the firm and no claim shall be entrained by the department.
- 30 Periodically repairs (at least two times in a 07 months) services, wet and dry service of every machine.
- 31 Checkup of all electrical points to find earth leakage, neutral leakage to stop electrical wastage. Nothing will be paid extra on the account of labour loss for such work

- 32 Being a college site, the work will be executed in convenience to college authorities and nothing will be paid extra on the account of labour loss for such work.
- 33 Dismantled material / malba generated during execution of the work shall be removed from the site daily and site kept neat and clean failing which suitable recovery will be made from the contractor's bill.
- 34 The maintenance records, log book, complaint register, worker's diary and attendance register etc. shall be maintained by the staff of the contractor Where compressor/PCB kit/Motor shall be replaced. Nothing shall be paid on this account. The completed complaint registers, worker dairy, insulation and earth test register shall be the property of department and shall be deposited with JE(E) after completion of work .supervisor has to shown the attendance of their staff deputed on the site daily JE/AE/PO The prescribed complaint register and workers diary shall be provided by the contractor and these shall be neatly maintained by contractor and staff supervisor. All complaints are to be attended promptly and the complaints not attended in the same day shall be reported to JE(E) and carried forward to next day till these are not attended. The complaint register should be got checked from the JE(E) daily
- 35 The contractor has to arrange consumable materials like cotton waste, old dhoti soap bar, duster, fuse, insulation tape etc. All other spares and materials shall be supplied to the Department free of cost for benefited use on work. No T&P shall be issued by the deptt.
- 36 If the break down/complaints go on accumulating for a period of more than one month, the subsequent bills shall not be cleared till the complaints/ break down are attended to the satisfaction of respective users through their respective department/Hod's/OIC/Library /AR (GA)/Engineer in charge/client.
- 37 Contractor provide the details of workers Photo ID proof shall be provided by for each worker to the JE/AE.
- 38 The contract shall be terminated on 31/10/15 without any extension.

**Assistant Engineer /APO**

**Chief Project Officer**

**DETAILS OF INSTALLATIONS/EQUIPMENTS**

S.NO.	DISCRIPTION OF ITEMS.	QTY.NOS.
1	1.5TR/TON WTAC.	254.NOS.
2	2.0TR/TON.WTAC.	050.NOS.
3	1.5TR/TON STAC.	116.NOS.
4	2.0TR/TON.STAC.	192.NOS.
5	3.0TR/TON.TOWER TYPE.AC.	06.NOS
6	3.0TR/TON.DUCTABLE TYPE AC.	06.NOS.
7	2.0TR/TON.CASSETTE TYPE AC.	023.NOS