



प्लाज़्मा संशोधन संस्था  
प्लाज़्मा अनुसंधान संस्थान  
INSTITUTE FOR PLASMA RESEARCH

ईन्दिरा पुल बजड, भाट, गांधीनगर 382 428 (भारत)  
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# TENDER DOCUMENT

**MAINTENANCE OF WATER COOLERS, SPLIT AND WINDOW AIR  
CONDITIONERS AND DEEP FREEZERS**

**TENDER NOTICE No. IPR/ST/TN-01/2009 DATED OCTOBER 11, 2009**

**Due date : 12<sup>th</sup> November 2009**





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## TENDER NOTICE

### **TENDER NOTICE No. IPR/ST/TN-01/2009 DATED OCTOBER 11, 2009**

Sealed tenders are invited for satisfactory maintenance of water coolers, split and window air conditioners and deep freezers totaling about 335 units located in IPR main campus and other IPR establishments known as FCIPT, ITER India both in Gandhinagar and Guest Apartment in Ghatlodia, for a period of 3 years. Those who satisfy the eligibility criteria of (i) being either manufacturers or manufacturer's authorized service providers for Water coolers/ Split Air conditioners / Window Air conditioners of any make for the duration of the contract, (ii) having Workshop facilities for these equipments in Ahmedabad / Gandhinagar, (iii) having on hand or executed similar kind of maintenance work of not less than Rs. 2 lakhs per annum in last 2 years, and (iv) having a bank solvency of Rs.2.00 lakhs may contact Stores Incharge by October 27, 2009 for tender documents at the above address with (1) tender fee of Rs.200.00 by Demand Draft or Pay Order or Banker's Cheque on any nationalized / scheduled banks payable at Ahmedabad in favour of Institute for Plasma Research and (2) documentary evidence that satisfies the above mentioned eligibility criteria. Tender documents will be issued, subject to scrutiny and verification of documents / proof provided along with request for fulfillment of the eligibility criteria and the completed tender documents should subsequently be submitted to the Stores Incharge on the date and time mentioned in the Tender documents along with the requisite EMD as stated in the tender documents. Tender documents will also be made available on IPR website <http://www.ipr.res.in/purchasetenders.html> after October 27, 2009. Interested parties meeting our eligibility criteria may, at their option, download the tender documents from IPR website and submit it along with the requisite Tender Fee and EMD as stated in the tender notice and document. The Director, IPR reserves the right to accept or reject the tenders in full or part without assigning any reasons thereof.



## **SERVICE AND MAINTENANCE CONTRACT FOR DOMESTIC UNITS**

### **1. SCOPE OF WORK**

The scope includes the 'All in all service and maintenance' of Window Air conditioners, Split Air conditioners, Water Coolers and Deep Freezer located in IPR main campus, IPR Guest Apartment in Ghatlodia, other two establishments of IPR known as ITER India and FCIPT both located in Gandhinagar.

Preventive services for each equipment shall be carried out regularly to keep all units in satisfactory working condition.

Preventive repair/ replacement shall be carried out in regular basis as advised by the Engineer incharge.

Please refer **Annexure - I** for Service Specifications as required by IPR.

### **2. ELIGIBILITY CRITERIA**

The eligibility criteria for issue of tender documents are :

- 2.1 that the vendors should be either manufacturers or manufacturer's authorized service providers for Water coolers / Split Air conditioners / Window Air conditioners of any make for the duration of the contract
- 2.2 that the vendors should have Workshop facilities for these equipments in Ahmedabad / Gandhinagar
- 2.3 that the vendors should have on hand or executed similar kind of maintenance work of not less than Rs. 2 lakhs per annum in last 2 years
- 2.4 that the vendors should furnish a bank solvency of Rs.2.00lakhs along with their tender
- 2.5 that the tender should accompany the requisite EMD.

### **3. LIST OF EQUIPMENTS**

Please refer **Annexure - II** for the list of equipments covered in the contract.

### **4. LOCALTIONS**

The equipments now offered for maintenance are installed at various locations like (i) IPR main campus in Bhat, Gandhinagar, (ii) FCIPT, GIDC Electronics Industrial Estate, Gandhinagar, (iii) ITER India, GIDC Electronics Industrial Estate, Gandhinagar and (iv) IPR Guest Apartment in Ghatlodia.

### **5. TENDER FEES**

Tender Fee is Rs.200.00 which should be submitted along with the **REQUEST** for Tender Documents to the Stores Incharge by Demand Draft/Banker's Cheque/Pay Order of any nationalized/scheduled bank payable at Ahmedabd in favour of Institute for Plasma Research and the documentary evidence for meeting the Eligibility Criteria as stated above.



## **6. EARNEST MONEY DEPOSIT (EMD)**

The vendor shall be required to submit along with the tender Earnest Money Deposit (EMD) of Rs. 5,000.00 (Rupees Five Thousand Only) by Demand Draft/Banker's Cheque/Pay Order drawn on a Nationalised / Scheduled Bank payable at Ahmedabad in favour of the Institute for Plasma Research payable at Ahmedabad.

## **7. SECURITY DEPOSIT**

An interest free Security Deposit for 10% of the Accepted Annual Contract Value valid upto the tenure of the contract will have to be submitted within 15 days from the date of LOI / Work Order if placed on the vendor. This Security Deposit will not carry any interest. In case the Contractor fails to fulfil any of the terms & conditions stipulated in this Work order to the satisfaction of IPR, IPR shall forfeit the Security Deposit. This Security deposit will be refunded to the Contractor after the expiry of the validity of the contract including extended period subject to fulfilment of all the terms and conditions to the satisfaction of IPR. The first payment due to the Contractor will be made, only after making Security Deposit.

## **8. VALIDITY OF OFFER**

This tender must be valid for a period of 120 days.

## **9. DATE FOR RECEIVING REQUEST FOR ISSUE AND SUBMISSION OF TENDER :**

The request for issue of tender should be sent to reach the Stores Incharge latest by October 27, 2009 along with the Tender Fee and the documentary evidence meeting the eligibility criteria as per the Tender Notice. Tenders will be issued only to the vendors meeting the eligibility criteria and the completed tender shall be submitted by 0100 Hrs. on November 12, 2009. The tenders so received shall be opened in the presence of the attending tenderers at 1530 Hrs. on the same day. Please note the following for submission of the tenders :

### **9.1 BY THOSE WHO HAVE BEEN ISSUED THE TENDER DOCUMENTS**

The tender should accompany the EMD as stated above.

### **9.2 BY THOSE DOWN LOADING THE TENDER DOCUMENTS FROM THE IPR WEBSITE**

The tenders should accompany the Tender Fee and EMD as stated above.

## **10. TENURE OF CONTRACT**

The period of contract shall be for a period of three years tentative from 1.12.2009 to 30.11.2012 with a trial period of three months if warranted and if found satisfactory during the tenure of contract this period may be extended for a further maximum period of one year with mutual consent. In such an event it shall be the responsibility of the vendor to extend the Security Deposit to the extended period of the contract.

## **11. TERMINATION OF CONTRACT**

This Work Order giving the contract for the work may be terminated by either party by issuing three months written notice to the other party. However, in case the reason for termination of the contract warrants termination of the contract with immediate effect it will be done with due intimation to the party.

## **12. RATES**

Please offer your rates in **Annexure - III**.



### **13. TAXES AND DUTIES:**

#### **13.1 Sales Tax / Vat / Service Charges :**

We do not have "C" or "D" form nor any TIN number as we are the end users. The rates should be quoted considering this.

#### **13.2 Excise Duty :**

Excise Duty : As per notification No.10/97-C.E (central Excise ), date 01/03/97, IPR is entitled to anvil Excise Duty exemption . Necessary exemption certificate, wherever applicable will be issued on receipt of order Acknowledgement. Hence please do not include excise duty in your bill.

### **14. TERMS & CONDITIONS**

- 14.1 The rates quoted in Annexure-III shall be FIRM FIXED and shall be inclusive of all repairs/ replacement of parts wherever needed.
- 14.2 The offer shall be valid for a period of three years.
- 14.3 IPR may add or delete any unit during the period of contract.
- 14.4 The services/repairs/replacements shall normally be carried out in our premises. In case, any equipment or its parts are to be taken out to Contractor's shop for repairs/replacements/ services, all arrangements are to be made by the Contractor at his cost for taking out the items and bringing back the same. This includes labour, transportation, etc, in addition to all other works related in this regard. The items can be taken out of IPR with valid returnable Gate Pass, signed by authorised representative of IPR.
- 14.5 The contractor shall, during the tenure of contract, be able to arrange timely deployment of suitable technicians and electricians along with the required tools, tackles, instruments as well as spares and consumables for uninterrupted operation of equipments included in the maintenance contract. The contractor shall deploy service technicians, electricians and the supervisor who will be involved in the service and repair work. The contractor or his authorised technician should have relevant experience and shall invariably visit the locations of units installed as stated above, daily to check the work and report to engineer. Besides, the contractor or his senior supervisor shall be available at IPR, as and when required by IPR to attend any major / critical services. IPR will not allow deployment of persons not suitable for carrying out the maintenance.
- 14.6 The contractor should adopt standard methods of working. In case of any damage to nearby part/equipment/system due to the fault of contractor, appropriate amount will be recovered from his bill.
- 14.7 Only genuine and original spare parts are to be used during repairs/replacements. (Manufacturer's delivery challan and marks/emblem on parts shall be proof of the parts being genuine). Use of incorrect invoice or mark will be treated as a breach of contract. Makes of parts or any components shall be got IPR approval, if the original manufacturer does not exist.
- 14.8 The parts, which are to be used during repairs/replacements, must be routed through IPR Stores immediately after entry into the premises, and to be informed to Engineer in-charge / Supervisor.
- 14.9 The mechanically / electrically failed sealed compressor should be replaced with factory repaired / new compressor. In the case of repaired compressor, the repair should have been carried out at



the supplier's / authorised dealer's factory. The test certificates should be produced in proof thereof. Based on test certificates & testing at IPR, the newly brought compressor will be allowed to be put into operation.

- 14.10 The Contractor shall be responsible to carry out all the repairs/maintenance regularly and in time to ensure satisfactory and trouble free functioning.
- 14.11 The Contractor shall not, in any circumstances, sub contract any portion / any phase of the work envisaged in this Work Order without prior written approval of IPR. The decision of IPR to accept/ reject the sub-contract will be final.
- 14.12 Services/repairs/replacements shall be carried out at any time during regular working hours, overtime hours or on holidays, as called upon by IPR to ensure satisfactory working of each unit.
- 14.13 Service/repair/replacement is to be carried out with our prior approval and in the presence of IPR representative.
- 14.14 A Service card shall be prepared by the contractor for all the units placed for maintenance and maintenance of each equipment and be recorded with the work done (service, repair, replacement etc.) therein jointly by the contractor and IPR supervisor/engineer. In addition, the contractor shall maintain a self- speaking logbook/ledger indicating date wise events for each units during the tenure of contract. The register shall contain the information like date, preventive maintenance / break down maintenance, problem, replacement required, date of complaint, date of completion, signature of contractor's representative, signature of IPR supervisor / engineer, remarks, etc. This will be considered as the basic record for all purposes.
- 14.15 The contractor should keep enough spares and consumables in stock to meet with urgent requirement and to avoid any delay (preferably, one no. Compressor, Condenser motor, Blower motor for each model/capacity shall be kept in stock). A list of spares to be maintained shall be furnished to engineer –in charge / Supervisor with in 15 days from the date of award of contract. This list shall be revised and updated regularly.
- 14.16 The decision of IPR Engineer / Supervisor in respect of repairs/replacements will be binding on the contractor.
- 14.17 IPR will not be responsible for the either security of the material brought in by the contractor nor safety of the persons deployed by the contract for carrying out the work as per the scope and terms and conditions of the contract as the contractor will be fully responsible for the safe custody of his material and compliance of the safety norms for doing such work.
- 14.18 The contractor should obtain gate pass from IPR for taking out his material from IPR campus and will not be allowed to take out any material on all public and institute holidays as well as before 9.30 Hrs. and after 17.00 hours on week days. The entry in the gate for all the material brought in by the contractor and registering the same with the Stores shall be the basis for issue of Gate Pass for taking out the contractor's material.
- 14.19 IPR will not supply any tool / equipment, except power and water supply for any work. The contractor shall get approval of each completed work from IPR supervisor / engineer.
- 14.20 Regular supervision on the part of contractor is essential (at least once in a week) and is available, as and when required by IPR.
- 14.21 The working parameters of any equipment will be shown to IPR supervisor / engineer, whenever called upon to do so.



- 14.22 Notwithstanding as to what is specifically stated in the specifications, the contractor has to attend all the work/s that is/are required to be carried out to ensure proper performance of all equipments.
- 14.23 As the work is to be executed in a restricted area, the contractor should strictly observe all safety, security and labour regulations prevailing in the campus. The contractor shall be responsible for the proper behaviour of the staff employed by him, and also for any breach of security regulations, thefts, sabotage etc. The contractor shall withdraw any person so desired by IPR, if in the opinion of IPR, it is not desirable to permit that particular person to work inside the campus.
- 14.24 It will be the entire responsibility of the contractor to insure his employees against all risks. It will be the liability of the contractor to meet claims over the lives of any employee including himself.
- 14.25 All domestic units will be handed over in present working condition and shall be maintained by the contractor, till the end of contract period/extended contract period.

### **15. POLICE VERIFICATION**

**The contractors shall get police verification done of the contractual labours engaged by them to work at IPR under this contract. The persons should be deployed for the work only after getting their police verification done.**

### **16. TAKING OVER AND HANDING OVER**

All the units included in the contract shall be taken over by the contractor for maintenance and the contractor shall be responsible to hand over the same barring the normal wear and tear but certainly not in a deteriorated condition to the Engineer in charge at the time of conclusion of the contract. The handing over procedure shall be commenced 15 days before conclusion of the contract and completed on the last date of the validity of the contract.

### **17. ADDITION AND DELETION OF THE UNITS FOR MAINTENANCE**

The Institute may include additional units in the Annexure II or delete the units mentioned in Annexure II.

### **18. MANPOWER ARRANGEMENT**

The tenderer if awarded the contract shall deploy the required man power for maintenance & servicing of units mentioned for the maintenance. The contractor shall confirm that they have the following persons available for carrying out the work mentioned in the contract.

- 18.1 About 2 Nos. of skilled (Qualification – I.T.I- Refrigeration & AC) persons with having at least one year relevant experience in the similar work. They should be capable to work individually at the same time on different sites or locations.
- 18.2 About 1 No. semi skilled person cum helper with having relevant experience in the similar work.

### **19. PENALTY**

- 19.1 Penalty for absence of skilled person: Rs.200/- per day/per skilled person and Rs. 100/- per day for semi skilled person shall be recovered from the routine bill of the contractor.



- 19.2 The maintenance contract is given to ensure that the possibility of break down of unites is reduced to almost nil. However, in the exception cases of break down, It must be obligatory on the part of the contractor, to carry out the minor repairs/replacement within **24 hours of registering/intimation of the breakdown call/s. Penalty of Rs.100/- per day per unit will be levied after the expiry of 24 hours of the intimation.** Penalty will be recovered from the amount payable to the Contractor or the security deposit.
- 19.3 The time limit for major repairs (Compressor replacements, Body work, system rearrangement, tank repair/replacement) due to normal wear and tear, shall be mutually decided by IPR representative and the Contractor. In case, the Contractor fails to rectify / replace the above within the agreed period, **penalty @ Rs.100/- per day per unit** will be imposed on the contractor.

## **20. PAYMENT**

- 20.1 The payment will be made on quarterly basis.
- 20.2 After satisfactory completion of quarterly maintenance and services, the Contractor shall raise invoice for each quarter in duplicate. Payment will be made within 30 days from the date of receipt of bill and its certification by IPR Group Leader / Project Leader. IPR reserves the right to withhold the payment, in case the all in all services are not found satisfactory.
- 20.3 The invoice should bear the VAT/Service Tax Registration Number as well as the PAN number.
- 20.4 The amount due, if any, from the contract to IPR shall be recovered from his/their quarterly Invoice.

## **21. VALIDITY OF WORK ORDER**

- 21.1 This contract will be in force initially for a period of 3 months with effect from contract started on trial basis. In case, the contractor's performance is not found satisfactory during the initial trial period the contract will be terminated on expiry of the trial period.
- 21.2 IPR reserves the right to extend the validity of this Work order for a further period of one year on the same rates and terms and conditions in which case you will be required to extend the validity of the Security Deposit till the extended validity date.
- 21.2 Validity of this Work Order will automatically come to an end on the last day of its validity/extended validity, unless further extension is granted. Therefore, IPR is not bound to issue separate letter to the Contractor indicating expiry of the Work Order.
- 21.3 The payment for the last bill as well as release of Security deposit will be subject to fulfilment of all the terms and conditions of this Work Order to the entire satisfaction of IPR. IPR reserves the right to hold the last payment and Security Deposit till the Contractor completes the pending job, if any, to the entire satisfaction of IPR representative.
- 21.4 IPR reserves the right to foreclose the validity of the Work Order.

## **22. SETTLEMENT OF DISPUTE**

- 22.1 Otherwise specifically provided in the Contract, all disputes concerning questions of fact arising under the Contract shall be decided by the Contractor and IPR subject to a written appeal by the Contractor to IPR.



22.2 Any disputes or differences including those considered as such by only one of the parties arising out of or in connection with the Contract shall be to the extent possible settled amicably between the parties.

22.3 If amicable settlement cannot be reached then the disputed issues shall be settled by arbitration.

### **23. ARBITRATION**

In the event of any dispute or difference arising under this Contract, the matter shall be referred to the Arbitrators one each nominated by IPR and Contractor from their respective organisations. In case, the said Arbitrators are not able to settle the dispute by themselves, the matter shall be referred to the Arbitrator mutually nominated by IPR and the Contractor and whose decision will be final and binding on both the parties. The venue of arbitration will be IPR. Subject to as aforesaid the Arbitration Act, 1940 and the rules thereunder and any statutory modification thereof for the time being in force shall be deemed to apply to the Arbitration proceedings under this Contract.

### **24. JURISDICTION OF THE CONTRACT**

24.1 The Contract shall be considered as having come into force from the date of acceptance of the Work Order.

24.2 The Courts of Ahmedabad shall have exclusive jurisdiction in all matters arising under this Contract.





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**ANNEXURE- I**

**SERVICE SPECIFICATIONS**

The scope of work is broadly divided into two parts, (i) Preventive maintenance, (ii) Break down service. The routine check and the repair work envisaged are as follows.

**1. Window Air conditioners / Split Air conditioners:**

<b>Routine work</b>	<b>Repair work</b>
a. Cleaning of air filters.	a. Repair/ replacement of spares whenever required, to ensure continuous operation and satisfactory performances.
b. Cleaning of Cooling Coil and Condenser with wire brush and air blower.	b. Rewinding of motor.
c. Oiling / Greasing of fan motor.	c. In case of any fault with electronic operating kit, complete kit should be replaced.
d. Checking ampere, voltage and grill temperature.	d. The mechanically / electrically failed sealed compressor should be replaced with factory repaired / new compressor. In the case of repaired compressor, the repair should be carried out at the supplier's / authorised dealer's factory.
e. Cleaning of complete unit.	
f. Checking for internal overloads/ starting and running, capacitors functioning and thermostat operations.	

*The number of preventive services required for window / split air conditioners shall be 3 (three) in a year. However IPR shall decide the schedule, which has to be honoured by the contractor.*

**Note for Preventive repair / Replacement:**

Preventive repair / replacement for window air conditioners and split air conditioners shall be carried out to avoid possible breakdowns at the time of regular service. Repair / replacement of any part / body / unit as a whole, if necessary, must be carried out immediately for all types of units.



## 2. Water Coolers

<b>Routine work</b>	<b>Repair work</b>
<ul style="list-style-type: none"><li>a. Cleaning of condenser coil with wire brush and air blower.</li><li>b. Oiling / greasing of fan motor.</li><li>c. Checking ampere, voltage and water temperature.</li><li>d. Cleaning of complete unit.</li></ul>	<ul style="list-style-type: none"><li>a. Repair/ replacement of spares whenever required, to ensure continuous operation and satisfactory performances.</li><li>b. Rewinding of motor.</li><li>c. The mechanically / electrically failed sealed compressor should be replaced with factory repaired / new compressor. In the case of repaired compressor, the repair should be carried out at the supplier's / authorised dealer's factory.</li></ul>

*The number of preventive services required for water coolers shall be 3 (three) in a year. However IPR shall decide the schedule, which has to be honoured by the contractor.*

### **Note for Preventive repair / Replacement:**

Preventive repair / replacement for water coolers shall be carried out to avoid possible breakdowns at the time of regular service. Repair / replacement of any part / body / unit as a whole, if necessary, must be carried out immediately for all types of units.





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**ANNEXURE - II**

**LIST OF EQUIPMENTS**

Sr. No	Make	Model	Cooling Capacity	Qty
<b>WATER COOLERS</b>				
1.	Voltas	Tushar	150 Ltr.	39 nos.
2.	Bluestar	BSL, BSL/SDLX15150	150 Ltr.	17 nos.
3.	Shriram	SAS-150 /150	150 Ltr.	01 no.
4.	Usha	AW 1000	150 Ltr.	01 no.
5.	Voltas	Instant type	40 Ltr.	01 nos.
6.	Bluestar	BSL, BSL/SDLX240	40 Ltr.	05 nos.
7.	Shriram	SAS-40/80	40 Ltr.	06 nos.
8.	Bluestar	BSL/SDLX480	80 Ltr.	07 nos.
			<b>Total</b>	<b>77 nos.</b>
<b>DEEP FREEZER</b>				
9.	Assembled	SR-212	500 Ltr.	01 no.
10.	Voltas	KCL 411	405 Ltr.	01 no.
			<b>Total</b>	<b>02 nos</b>
<b>REFRIGERATOR</b>				
11.	LG/Godrej	GL-245 LMF(5* Rating)	230/205 Ltr.	04 nos.
12.	LG	GL-478	388 Ltr.	01 no.
				<b>05 nos.</b>
<b>WINDOW AIR-CONDITIONERS</b>				
13.	Arco	AW1500 / ARCO-1622	1.5 TR	06 nos.
14.	Voltas		1.5 TR	02 nos.
15.	Electrolux		1.5 TR	01 no.
			<b>Total</b>	<b>09 nos.</b>
<b>SPLIT AIR-CONDITIONERS</b>				
16.	Bluestar	5523	3 TR	02 nos.
17.	Bluestar	5522	1.5 TR	01 no.
18.	Fedders Llyod	AH 5523	3 TR	01 nos.
19.	Fedders Lloyd	5531	2 TR	01 no.
20.	Airmax	AM-3	3 TR	02 nos.
21.	Shriram	SMS-9000	3 TR	05 nos.
22.	Amtrex		2 TR	01 no.
23.	Amtrex		1.5 TR	03 nos.
24.	Voltas	AW 1500 Q, Vectra, Vertis Gold, Vertis	1.5 TR	45 nos.



		Premium		
25.	Voltas	Vertis Gold, Vertis Premium	2 TR	67 nos.
26.	Voltas	Vertis Gold	1.0 TR	12 nos.
27.	LG	LSK-1862 QC	1.5 TR	04 nos.
28.	LG	LP-K3685 QC	3 TR	05 nos.
29.	Videocon	RC 15 SP RC	1.5 TR	13 nos.
30.	Videocon		2 TR	06 nos.
31.	Hitachi		1.5 TR	19 nos.
32.	Hitachi		2.0 TR	05 nos.
			<b>Total</b>	<b>192 nos.</b>

**ADDITIONAL UNITS LIKELY TO BE ADDED IN THE NEAR FUTURE:**

- (i) 27 nos. 'Voltas' make 2 TR Split Air conditioners, from May 2010
- (ii) 13 nos. 'Voltas & LG' make 1.5 TR Split Air conditioners, from May 2010
- (iii) 09 nos. 'BSL' make 3 TR Split Air conditioners, from May 2010
- (iv) 02 nos. 'Voltas' make 1 TR Split Air conditioners, from May 2010
- (v) 01 no. 'BSL' make 4.5 TR Split Air conditioner, from May 2010



**ANNEXURE - III**

**SCHEDULE OF RATES**

*(To be filled and submitted along with the offer)*

Name	
Address	
Telephone / Fax	
E-mail ID	

Dear Sirs :

With reference to your tender No. IPR/ST/TN-NNN/2009 dated October 11, 2009, due on November 12, 2009 we hereby submit our offer as follows :

**I. FOR ITEMS TO BE INCLUDED IN THE CONTRACT TENTATIVELY FROM 1.12.2009**

**A. Amount for the First Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2	3	4	5	6 (3*4*5)
1.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 40 Lit capacity	12	12		
2.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 80 Lit capacity	07	12		
3.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 150 Lit capacity	58	12		
4.	<b>Deep freezer</b> (Make - Assembled / eq.) - 200 Ltr Capacity	01	12		
5.	<b>Deep freezer</b> (Make - Voltas / eq.) - 405 Ltr Capacity	01	12		
6.	<b>Refrigerator</b> (Make - LG/Godrej) - 230/205 Lit capacity	04	12		
7.	<b>Refrigerator</b> (Make - LG) - 388 Lit capacity	01	12		
8.	<b>Window Air conditioners</b> (Make - Arco /Voltas/ Electrolux / eq.) - 1.5 TR Capacity	09	12		
9.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 1 TR Capacity	12	12		
10.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders	85	12		



	Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 1.5 TR Capacity				
11.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 2 TR Capacity	80	12		
12.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 3 TR Capacity	15	12		

**I A**

**Total for First Year**

**Rs.**

**B. Amount for the Second Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2	3	4	5	6 (3*4*5)
1.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 40 Lit capacity	12	12		
2.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 80 Lit capacity	07	12		
3.	<b>Water cooler</b> (Make - Voltas / Bluestar / Shriram / Usha / eq.) - 150 Lit capacity	58	12		
4.	<b>Deep freezer</b> (Make - Bluestar / eq.) - 200 Ltr Capacity	01	12		
5.	<b>Deep freezer</b> (Make - Voltas / eq.) - 405 Ltr Capacity	01	12		
6.	<b>Refrigerator</b> (Make - LG/Godrej) - 230/205 Lit capacity	04	12		
7.	<b>Refrigerator</b> (Make - LG) - 388 Lit capacity	01	12		
8.	<b>Window Air conditioners</b> (Make - Arco /Voltas/ Electrolux / eq.) - 1.5 TR Capacity	09	12		
9.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 1 TR Capacity	12	12		
10.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 1.5 TR Capacity	85	12		
11.	<b>Split Air conditioners</b>	80	12		



	(Make – Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) – 2 TR Capacity				
12.	<b>Split Air conditioners</b> (Make – Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) – 3 TR Capacity	15	12		

**I B**

**Total for Second Year**

**Rs.**

**C. Amount for the Third Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2	3	4	5	6 (3*4*5)
1.	<b>Water cooler</b> (Make – Voltas / Bluestar / Shriram / Usha / eq.) – 40 Lit capacity	12	12		
2.	<b>Water cooler</b> (Make – Voltas / Bluestar / Shriram / Usha / eq.) – 80 Lit capacity	07	12		
3.	<b>Water cooler</b> (Make – Voltas / Bluestar / Shriram / Usha / eq.) – 150 Lit capacity	58	12		
4.	<b>Deep freezer</b> (Make - Bluestar / eq.) – 200 Ltr Capacity	01	12		
5.	<b>Deep freezer</b> (Make - Voltas / eq.) – 405 Ltr Capacity	01	12		
6.	<b>Refrigerator</b> (Make – LG/Godrej) – 230/205 Lit capacity	04	12		
7.	<b>Refrigerator</b> (Make – LG) – 388 Lit capacity	01	12		
8.	<b>Window Air conditioners</b> (Make - Arco /Voltas/ Electrolux / eq.) – 1.5 TR Capacity	09	12		
9.	<b>Split Air conditioners</b> (Make – Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) – 1 TR Capacity	12	12		
10.	<b>Split Air conditioners</b> (Make – Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) – 1.5 TR Capacity	85	12		
11.	<b>Split Air conditioners</b> (Make – Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) – 2 TR Capacity	80	12		



12.	<b>Split Air conditioners</b> (Make - Bluestar / Voltas / Fedders Llyod / Airmax / Shriram / LG / Amtrex / Videocon / Hitachi Amtrex / eq.) - 3 TR Capacity	15	12		
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**I C**

Total for Third Year

Rs.

**II. Items to be included from May 1, 2010**

**A. Amount for the First Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2		4	5	6 (3*4*5)
1.	<b>Split Air conditioners</b> (Make - Voltas) - 1 TR Capacity	2	7		
2.	<b>Split Air conditioners</b> (Make - Voltas / LG) - 1.5 TR Capacity	13	7		
3.	<b>Split Air conditioners</b> (Make - Voltas) - 2 TR Capacity	27	7		
4.	<b>Split Air conditioners</b> (Make - Bluestar) - 3 TR Capacity	9	7		
5.	<b>Split Air conditioners</b> (Make - Bluestar) - 4.5 TR Capacity	1	7		

**II A**

Total for First Year

Rs.

**B. Amount for the Second Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2		4	5	6 (3*4*5)
1.	<b>Split Air conditioners</b> (Make - Voltas) - 1 TR Capacity	2	12		
2.	<b>Split Air conditioners</b> (Make - Voltas / LG) - 1.5 TR Capacity	13	12		
3.	<b>Split Air conditioners</b> (Make - Voltas) - 2 TR Capacity	27	12		
4.	<b>Split Air conditioners</b> (Make - Bluestar) - 3 TR Capacity	9	12		
5.	<b>Split Air conditioners</b> (Make - Bluestar) - 4.5 TR Capacity	1	12		

**II B**

Total for Second Year

Rs.



**C. Amount for the Third Year**

Sr. No.	Particulars	Quantity		Rate per Month Per Unit	Amount for In Rupees
		Units	Months		
1	2		4	5	6 (3*4*5)
1.	<b>Split Air conditioners</b> (Make - Voltas) - 1 TR Capacity	2	12		
2.	<b>Split Air conditioners</b> (Make - Voltas / LG) - 1.5 TR Capacity	13	12		
3.	<b>Split Air conditioners</b> (Make - Voltas) - 2 TR Capacity	27	12		
4.	<b>Split Air conditioners</b> (Make - Bluestar) - 3 TR Capacity	9	12		
5.	<b>Split Air conditioners</b> (Make - Bluestar) - 4.5 TR Capacity	1	12		

**II C**

**Total for Third Year**

**Rs.**

P.S. (1) Please quote in the format given above, (2) the period of three years tentatively may start from 1.12.2009 to 30.11.2012 but the actual date may be shifted depending upon the requirement of the institute and (3) the tenure may be curtailed or extended on the same rates of third year terms and conditions.

**SUMMARY OF RATES QUOTED**

Sr. No.	Particulars	Amount in	
		Figures	In words
1.	Total for First Year (AI + AII)		
2.	Total for the Second Year (BI + BII)		
3.	Total for the Third Year (CI + CII)		
4.	Total for Three Years		

**TAXES AND DUTIES**

Sales Tax /VAT	Service Tax	Any Other	Income Tax
			Shall be deducted at source if applicable

Place:

Date:

**Signature of bidder**  
(With office seal)

