



To

Office Copy

Dear Sirs,

We are having a considerable number of windows & split Air-conditioners and water-cooled packaged units, made of different reputed manufacturers like Voltas, Panasonic, Carrier, L.G., Weathermaker, Blue Star, Vestar, Toshiba Inverter Cassette etc., which are installed in different floors of this office complex. The detailed list of such Air-conditioners are given in Annexure-I and II for ready reference.

We desire to bring the following Air-conditioners as per annexed list under **Comprehensive Annual Maintenance Contract** for preventive maintenance of the machines and smooth running of the same as well. **Presently all the above Air-conditioners are in running condition** and duly covered by AMC.

Since, to the best of our knowledge goes, the activity of your organization is emerged in this field, we would request you to kindly quote your lowest rates as per the following format subject to the Terms & Conditions mentioned hereunder: -

| <u>Sl. No.</u> | <u>Type of Contract</u> | <u>Capacity of the Machine</u> | <u>Quantity*</u> |
|----------------|--|--------------------------------|------------------|
| 1. | On-site Annual Maintenance Contract for the Window/Split A.C.Machine as per Annexure-I. AMC shall include the cost of replacement of all spare parts including Compressor . | 1 Ton | 6 Units |
| | | 1.5 Ton | 37 Units |
| | | 2 Ton | 45 Units |
| | | 2.5 Ton | 2 Units |
| | | 3 Ton | 2 Units |
| 2. | On-site Comprehensive Annual Maintenance Contract for Water Cooled Package Air conditioner as per Annexure-II. AMC shall include the cost of replacement of all spare parts like Compressor, all pump motors, panels, cooling tower, filters, gas charging, ducts, all type of pipes etc. complete. | 4 Ton | 5 Units |
| | | 5 Ton | 2 Units |

*Quantity of the equipment mentioned above are purely tentative and may vary on either side. Rate may therefore be quoted per unit basis only.

Contd..P/2





NCSM

राष्ट्रीय विज्ञान
संग्रहालय परिषद्
संस्कृति मंत्रालय
भारत सरकार



NATIONAL COUNCIL OF SCIENCE MUSEUMS

Ministry of Culture, Govt. of India

Terms & Conditions:

- Frequency of Service:** Once in a month for the purpose of inspection, cleaning, oiling, carryout minor & major adjustment and necessary repairs (including supply of all spare parts if required) to maintain the Air-conditioners always in proper working order. Apart from the routine checking, if any interim attention is needed, the Service Engineers of the contractor shall attend the machines within 24 hours from the date of receipt of complaint and put the Air-conditioners in working order at free of cost.
- Service Report:** The firm shall maintain Service Cards for each servicing job properly and obtain signature from the concerned officer/users of the Air-conditioners in every occasion after satisfactory servicing of the machines and one copy of the same should be provided along with the Invoice/s for processing payment.
- Replacement:** If the down time of the Air-conditioners covered under the AMC is found more than three working days from the date of its failure and should the equipment need to be removed from the premises to the service center of the contractor, then the standby Air-conditioners of similar capacity shall be provided by the contractor at free of cost.
- Rate:** The rates to be quoted by the firm shall be inclusive of the cost of spare parts as required, in addition to routine service charges and break down calls.
- Validity:** The rate shall be valid for one year from the date of commencement of the contract. No escalation of rate shall be entertained during the tenure of the contract for any reason whatsoever. The contract may be renewed for further two years on year to year basis from the date of expiry of the original contract at the same rate and terms & conditions subject to satisfactory performance. Rates shall be quoted accordingly.
- Termination of Contract:** By giving One month' notice on either side. However, the Council reserves the right to terminate the contract forthwith if the performance of the successful bidder is not satisfactory and decision of the Council in this regard shall be final and binding on the successful bidder.
- Payment:** No advance payment shall be made by the Council on any circumstances. E-Payment shall be made through RTGS/NEFT/Electronic Bank transfer within 30 days from the date of receipt of your pre-receipted Monthly / Quarterly bills duly accompanied by the copies of the 'Service Cards' as detailed in clause '2' above. Submission of bank details with every invoice is mandatory to remit the dues.

You are requested to quote your lowest service rate indicating acceptance of the above Terms & Conditions in sealed envelope, which must reach our office on or before **11.12.2019** positively.

Thanking you,

Yours faithfully

(K. Unnikrishnan)

Dy. Controller of Stores & Purchase.

राष्ट्रीय विज्ञान संग्रहालय परिषद्
33 ब्लॉक-जी.एन. सेक्टर-5, बिधान नगर
कोलकाता 700091
कार्यालय प्रति

सनगन
दिनांक
हस्ताक्षर
26/11/2019



33, ब्लॉक-जी एन, सेक्टर-5
विधान नगर, कोलकाता - 700091

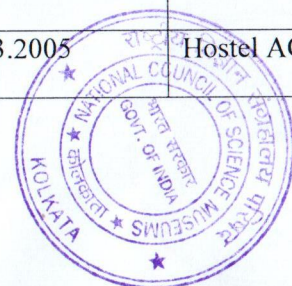
33, BLOCK-GN, SECTOR-V, BIDHAN NAGAR, KOLKATA-700091, INDIA
PHONE: (91) (33) 23575545, 23579347, 23570850, FAX : (91) (33) 23576008
e-mail : sciencecentre@ncsm.gov.in, website: www.ncsm.gov.in

Comprehensive Annual Maintenance Contract (AMC) required for following window/split AC machines including Compressor

| Sl. No. | Name of the Manufacture | Machine Sl.no. | Capacity | Date of Purchase | Location |
|---------|-------------------------|---|----------|------------------|-----------------------------|
| 1 | M/s Panasonic | RU:3492900472 CU:692270185 | 2 Ton | August,2014 | 4 th East Middle |
| 2 | M/s Panasonic | RU:3492900456 CU:6922701711 | 2 Ton | August,2014 | 4 th East |
| 3 | M/s Panasonic | RU: 3492900487 CU: 6922701681 | 2 Ton | August,2014 | 4 th East |
| 4 | M/s Panasonic | RU: 3492900453 CU: 6922701689 | 2 Ton | August,2014 | 4 th West |
| 5 | M/s Panasonic | RU: 3492900452 CU: 6922701909 | 2 Ton | August,2014 | 4 th West |
| 6 | M/s Panasonic | RU: 3492900473 CU: 6922701846 | 2 Ton | August,2014 | NDL 3D printer room |
| 7 | M/s Panasonic | RU: 3492900485 CU: 6922701908 | 2 Ton | August,2014 | NDL West |
| 8 | M/s Panasonic | RU: 3492900481 CU: 6922701702 | 2 Ton | August,2014 | NDL West |
| 9 | M/s Voltas | RU:4551745A14F001056 CU:4511783D14F001151 | 1.5 ton | September,2014 | ES1 |
| 10 | M/s Voltas | RU:4551745A14F000884 CU:4511783D14F001183 | 1.5 ton | September,2014 | ES2 |
| 11 | M/s Voltas | RU:4551745A14F001022 CU:4511783D14F001166 | 1.5 ton | September,2014 | ES3 |
| 12 | M/s Voltas | RU:4551745A14F000896 CU:4511783D14F001149 | 1.5 ton | September,2014 | ES4 |
| 13 | M/s Voltas | RU:4551688A14D000019 CU:4511721E14E000921 | 1 Ton | September,2014 | ES1 |
| 14 | M/s Voltas | RU:4551688A14D000037 CU: 4511721E14E000689 | 1 Ton | September,2014 | ES2 |
| 15 | M/s Voltas | RU:4551688A14D000043 CU: 4511721E14E001129 | 1 Ton | September,2014 | ES3 |
| 16 | M/s Voltas | RU:4551688A14D000048 CU: 4511721E14E001136 | 1 Ton | September,2014 | ES4 |
| 17 | M/s. Voltas | RU:4551692A14K007756 CU:4511725E15A006389 | 2 Ton | May,2015 | DDG room |
| 18 | M/s. Voltas | RU:4551692A14K007786 CU:4511725E15A006351 | 2 Ton | May,2015 | DDG room |



| | | | | | |
|----|---|--|---------|--------------|--|
| 19 | M/s Voltas Model:245ZyA, 5star | RU:4551829A15A000068 CU:4511869D15A000011 | 2 Ton | August ,15 | FO's room |
| 20 | M/s. Voltas 185ZY, 5star | 4011193A16EC03210 | 1.5 Ton | Aug,16 | 2-East curator's room |
| 21 | M/s Carrier,Model:24K Superia,5star | RU:500371541169010573 CU:500371641169009827 | 2 Ton | Nov,2016 | 6 TH East Director Hqrs. |
| 22 | M/s Carrier,Model:24K Superia | RU:500371541169010574 CU:500371641169009828 | 2 Ton | Nov,2016 | 7 th West Audit cum dining room |
| 23 | Carrier 5star | RU:500354321169002677 CU:500354420169002654 | 1Ton | 17.06.16 | CCTV room |
| 24 | Carrier 5star | RU:500390321179006002 CU:500390421179006142 | 1.5 Ton | July,2017 | Dr.K.K.Chawdhu ry's room |
| 25 | Carrier 5star | RU:500390320179005193 CU:500390421179005240 | 1.5 Ton | July,2017 | Mr.A.K.Saha's room |
| 26 | Carrier 5star | RU:504144120179000705 CU:500352310179000617 | 2 Ton | May,2017 | Dir NEZ |
| 27 | Carrier , Model: Durakool | RU:500414435179001361 CU:500352336179001347 | 2 Ton | September,17 | Dir,NEZ |
| 28 | Carrier , Model: Durakool | RU:500414435179001362 CU:500352336179001348 | 2 Ton | September,17 | Dir,CRTL |
| 29 | Carrier , Model: Durakool | RU:500414435179001363 CU:500352336179001349 | 2 Ton | September,17 | Computer sec,NEZ |
| 30 | Carrier | RU:500376511179000947 CU:500351709179000378 | 1Ton | 30.03.17 | CCTV room |
| 31 | M/s. Voltas | 720985 | 1.5 Ton | 10.05.2005 | 5 th floor East |
| 32 | M/s. Voltas | 306379 | 2.0 Ton | 05.3.2004 | 5 th floor East |
| 33 | M/s. Voltas | 721030 | 1.5 Ton | 9.03.2005 | Hostel AC-4 |
| 34 | M/s. Voltas | 721031 | 1.5 Ton | 9.03.2005 | Hostel AC-3 |
| 35 | M/s. Voltas | 720920 | 1.5 Ton | 9.03.2005 | Hostel AC-2 |



| | | | | | |
|----|-------------|------------------------|---------|------------|---|
| 36 | M/s. Voltas | 720022 | 1.5Ton | 9.03.2005 | Hostel AC-1 |
| 37 | M/s. Voltas | 720919 | 1.5Ton | 9.03.2005 | AC-11 |
| 38 | M/s. Voltas | 721033 | 1.5Ton | 9.03.2005 | AC-11 |
| 39 | M/s. Voltas | 720911 | 1.5Ton | 9.03.2005 | AC-12 |
| 40 | M/s. Voltas | 721032 | 1.5Ton | 9.03.2005 | AC-12 |
| 41 | M/s. Voltas | 720187 | 1.5Ton | 9.03.2005 | AC-10 |
| 42 | M/s. Voltas | 720910 | 1.5Ton | 9.03.2005 | AC-10 |
| 43 | M/s. Voltas | 354033 | 2.0 Ton | 07.06.2003 | AC-9 |
| 44 | M/s. Voltas | 285241 | 2.0 Ton | Nil | AC-9 |
| 45 | M/s. Voltas | RU:853796 CU:781157 | 1.5Ton | 13.11.2006 | VSAT 8 th floor West-Left side |
| 46 | M/s. Voltas | RU:853972 CU:780977 | 1.5Ton | 13.11.2006 | VSAT 8 th floor West-Right side |
| 47 | M/s. Voltas | 860195 | 1.5Ton | 10.05.2005 | 7 th East chamber |
| 48 | M/s. Voltas | 860198 | 1.5Ton | 10.05.2005 | 7 th floor DG office Right side |
| 49 | M/s. Voltas | 720983 | 1.5Ton | 10.05.2005 | 7 th floor DG office left side |
| 50 | M/s. Voltas | 530160 | 1.5 Ton | 05.03.2007 | 6 TH East Director Hqrs. |
| 51 | M/s. L.G. | RU:0020IN CU:0024IN | 1.5Ton | 16.11.2005 | 4 TH floor computer lab right side |
| 52 | M/s. L.G. | RU:0011IN CU:0012IN | 1.5Ton | 16.11.2005 | 4 TH floor computer lab left side |
| 53 | M/s. L.G | RU:0022IN CU:0013IN | 1.5Ton | 16.11.2005 | 2 nd floor NDL left side |
| 54 | M/s. L.G | RU:0023IN CU:0011IN | 1.5Ton | 16.11.2005 | 2 nd floor NDL left side entrance |
| 55 | M/s. Voltas | 860187 | 1.5Ton | 10.05.2005 | G-West |



| | | | | | |
|----|-------------------|-------------------------|------------------|------------|--|
| 56 | M/s. Voltas | 860077 | 1.5Ton | 28.07.2005 | CRTLII-5 TH Faculty-1 |
| 57 | M/s. Voltas | 721517 | 1.5Ton | 28.07.2005 | CRTLII-5 TH Faculty-2 |
| 58 | M/s. Voltas | 860225 | 1.5Ton | 10.05.2005 | CRTLII-5 TH Faculty-3 |
| 59 | M/s. Voltas | 860256 | 1.5Ton | 10.05.2005 | CRTLII-5 TH Faculty-4 |
| 60 | M/s.Weathermeaker | 4590/370/12 | 2.0 Ton | 21.04.2004 | 7 th East conference room |
| 61 | M/s.Weathermeaker | 4600/380/1 | 2.0 Ton | 21.04.2004 | 7 th East conference room |
| 62 | M/s L.G. | RU:0130IN CU:0182IN | 2.0 Ton | 5.11.2005 | 4 TH floor computer lab |
| 63 | M/s L.G. | RU:0129IN CU:0145IN | 2.0 Ton | 5.11.2005 | 2 nd floor NDL right entrance |
| 64 | M/s. Voltas | RU:800062 CU:932633 | 2.0 Ton | 24.07.2007 | 2 nd East NDL |
| 65 | M/s. Voltas | RU:799825 CU:396490 | 2.0 Ton | 24.07.2007 | 2 nd East NDL |
| 66 | M/s. Voltas | 281823 | 2.0 Ton | 28.7.2005 | 5 th East Art section |
| 67 | M/s. Voltas | 371290 | 2.0 Ton | 26.06.2007 | 5 st East Art section |
| 68 | M/s. Voltas | 371287 | 2.0 Ton | 26.06.2007 | East Basement |
| 69 | M/s. Voltas | RU: 232812 CU:901444 | 2.0 Ton | 21.07.2005 | CRTLII 5 th floor lecture hall-1 East |
| 70 | M/s. Voltas | RU: 967161 CU:890573 | 2.0 Ton | 10.5.2005 | CRTLII 6 th floor computer lab |
| 71 | M/s. Voltas | RU: 967245 CU:890589 | 2.0 Ton | 10.5.2005 | CRTLII 6 th floor computer lab |
| 72 | M/s.Blue Star | RU: 050016 CU:050137 | 3 phase 3 Ton | 28.07.2005 | CRTL II 5 th floor lecture hall - 1East |



| | | | | | |
|----|-----------------------------|---|-----------------|---------------|---|
| 73 | M/s. Blue Star | RU:050108 CU:050128 | 3 phase 3 Ton | 28.07.2005 | CRTL II 5 th floor lecture hall - 1 West |
| 74 | M/s. Voltas | RU:3002 CU:3962 | 2 Ton | March,2010 | 7 th East Conference |
| 75 | M/s. Voltas | RU:3010 CU:3453 | 2 Ton | March,2010 | 7 th East DG's Room |
| 76 | M/s. Blue Star | RU:30075 CU:00134 | 3 phase 2.5 Ton | March,2010 | 7 th West Secretary |
| 77 | M/s. Blue Star | RU:30044 CU:00112 | 3phase 2.5 Ton | March,2010 | 7 th East DG's Room |
| 78 | M/s. Voltas | RU:2910 CU:5192 | 1.5 Ton | August,2011 | 6 th West Conference |
| 79 | M/s. Voltas | RU:5726 CU:0479 | 1.5 Ton | August,2011 | 6 th West Conference |
| 80 | M/s. Voltas | RU:2911 CU:5236 | 1.5 Ton | August,2011 | Canteen |
| 81 | M/s. Voltas | RU:4551252A11F002169 CU:4511262E11E001080 | 2 Ton | November,2011 | CRTL-II,6 th floor Conference |
| 82 | M/s. Voltas | RU:4551252A11D000705 CU:4511262E11E001372 | 2 Ton | November,2011 | CRTL-II,6 th MD's Room |
| 83 | M/s. Voltas | RU:4551135P10C007792 CU:4511152P10C005702 | 1.5 Ton | November,2011 | CRTL-II,6 th CMD |
| 84 | M/s Voltas | 4011038G11L000945 | 2 Ton | April,2012 | 8 th West Audit cum dining room |
| 85 | M/s Voltas | 4011038G11L000925 | 2 Ton | April,2012 | 6 th East SE'S chamber |
| 86 | M/s Voltas | 4011038G11L000937 | 2 Ton | April,2012 | 6 th West Curator's Room |
| 87 | M/s Hitachi | 55852 | 2 Ton | May,13 | 5 th Floor |
| 88 | M/s Carrier 5 Star inverter | RU: 18100158 OU: 18100203 | 2 Ton | July,18 | 1 st Floor Dir Room |
| 89 | M/s Vestar | RU: NH541R00539 OU: NH542R00574 | 2 Ton | Oct, 18 | Design Section |



| | | | | | |
|----|------------|------------------------------------|-------|---------|----------------|
| 90 | M/s Vestar | RU: NH541R00598 OU: NH542R00573 | 2 Ton | Oct, 18 | Design Section |
| 91 | M/s Vestar | RU: NH541R00540 OU: NH542R00618 | 2 Ton | Oct, 18 | Design Section |
| 92 | M/s Vestar | RU: NH541R00537 OU: NH542R00580 | 2 Ton | Oct, 18 | CNC Lab |



Annexure-II

Comprehensive Annual Maintenance Contract (AMC) required for following water-cooled package Air-Conditioners

| Sl. No. | Name of the Manufacture | Machine Sl.No. | Capacity | Date of Purchase | Location |
|---------|---------------------------|--|-----------------|------------------|--|
| 1. | Toshiba Inverter Cassette | RU:42400106 CU:42400118 | 4Ton (5H.P.) | 14.10.2014 | Auditorium of 6 th Floor CRTL-II |
| 2. | Toshiba Inverter Cassette | RU: 42200017 CU:42300360 | 4Ton (5H.P.) | 14.10.2014 | Auditorium of 6 th Floor CRTL-II |
| 3 | Toshiba Inverter Cassette | RU: 42400112 CU:42400120 | 4Ton (5H.P.) | 14.10.2014 | Auditorium of 6 th Floor CRTL-II |
| 4 | Toshiba Inverter Cassette | RU: 42400031 CU: 42400115 | 4Ton (5H.P.) | 14.10.2014 | Auditorium of 6 th Floor CRTL-II |
| 5 | Toshiba Inverter Cassette | RU: 303A0119 CU:32700076 | 4Ton (5H.P.) | 14.10.2014 | Auditorium of 6 th Floor CRTL-II |
| 6 | M/s. Blue Star Ltd. | Package-1 Model-PAW518 Sl.No.PL1741G88 AC, 3-phase, 50Hz. 380 Volts/415 Volts 11.5 FLA, Compressor Data-1 Make-CPL Model-CRN505000 Sl.No.87J48713 | 5.00 ton | Nil | 3 rd Floor Conference Hall |
| 7 | M/s. Blue Star Ltd | Package-2 Model-PAW518 Sl.No.PL2071K88 AC, 3-phase, 50Hz. 380 Volts/415 Volts 11.5 FLA, Compressor Data-2 Make-CPL Model-CRN505000 Sl.No.88E88564 | 5.00 ton | Nil | 3 rd Floor Conference Hall |



Note: AMC required including (a) compressor (b) all pump motors (c) panels (d) cooling tower (e) filters (f) gas charging (g) ducts (h) all type of pipes etc.