

श्रीति,
मे. साई मार्केटींग,
कॉन्ग्रेस नगर रोड,
अमरावती.

क्र.संगाबाअवि/११/२/ ४६ /२०१८
दि. ०२/०२/२०१८

विषय : वार्षिक देखभाल/ दुरुस्ती करारनाम्याबाबत
Maintenance of Air Conditioners, Water Coolers, Water Purifiers and its components
by adopting " Break Down Service Mechanism"

संदर्भ :- संगाबाअवि/११/३७/२०१७, दि. ०२/०२/२०१७.

महोदय,

विषयांकित कामाकरिता आपल्या सोबत झालेल्या करारनाम्याची मुदत दि.०२/०२/२०१८ रोजी संपत आहे.
सदई करारनाम्याची मुदत ३ महिन्यांनी वाढविण्यात येत असुन जुन्या करारनाम्याच्या अटी/शर्ती व दराच्या अधीन
राहून विषयांकीत कामे करण्यात यावी.

१५/०२/१८
कुलसचिव
संत गाडगे बाबा अमरावती विद्यापीठ

प्रतिलिपी-

वित्त व लेखा अधिकारी, संत गाडगे बाबा अमरावती विद्यापीठ अमरावती.

१८

क्र.संगाबाअवि/११/३७/२०१७
दिनांक २१/२१/२०१८

प्रति,
मे.साई मार्केटींग,
कॉंग्रेसनगर रोड,
अमरावती.

विषय :- वार्षिक देखभाल करारनामाबाबत..

Maintenance of Air-Conditioners, Water coolers, Water Purifiers
and it's components by adopting "Break Down Service
Mechanism".

- संदर्भ :- १) निविदा सूचना क्र.३१/२०१६
२) क्र.संगाबाअवि/११/३७/२०१७ दि.२/२/२०१७
३) आपले पत्र SM/331/2016-2017 Dt.21/2/2017

महोदय,

उपरोक्त विषयाकित कामासंबंधी संदर्भाकित पत्रान्वये आपण सुरक्षा निधी
रु.५०,०००/- (रु.पन्नास हजार फक्त) जमा केलेली असल्याने आपल्या सोबत दिनांक
०२/०२/२०१७ रोजी वार्षिक देखभाल करारनामा करण्यात आलेला आहे. तसेच,
सदर करारनामा दि.०३/०२/२०१७ पासून एक वर्षाच्या कालावधीसाठी राहिल.

तरी, वरीलप्रमाणे देखभालीची कामे करारनामा व नियमावली (क्र.१७/२०१०)
नुसार वेळोवेळी संबंधितांकडून प्राप्त होणाऱ्या सूचनेप्रमाणे आपण करावी. सदर
करारनामा, नियमावली, विहित प्रपत्रे, दराची व यंत्रांची यादी यांची प्रत सोबत
जोडलेली आहेत.
सहपत्र - वरीलप्रमाणे

कार्यकारी अभियंता
संत गाडगे बाबा अमरावती विद्यापीठ

२०/१०/१८

प्रतिलिपी-

- १) वित्त व लेखा अधिकारी, संत गाडगे बाबा अमरावती विद्यापीठ
२) उपकुलसचिव (अंकेक्षण), संत गाडगे बाबा अमरावती विद्यापीठ



महाराष्ट्र MAHARASHTRA

१८०३३ 2016 ० १०९ -

१२/२०१७

RL 501254

शाई गार्गेशी - रिकॉर्डर
से प्रोफेसर गार्गेशी

[Signature]

[Signature]

सुरक्षा विभाग
महाराष्ट्र शासन, अजंठा
फिल. अमरावती. नं. १९/२००९



AGREEMENT OF MAINTENANCE OF AIR CONDITIONERS, WATER COOLERS, WATER PURIFIER AND ITS COMPONENTS THROUGH BREAKDOWN SERVICE MECHANISM

1] This deed of agreement made on this 2nd day of February, 2017 between Sant Gadge Baba Amravati University, Amravati through it's Registrar hereinafter called the University on one part.

And

M/s Sai Marketing

hereinafter called "Service Provider" on the other part, which expressions shall include his legal heirs and successors.

The charges for replacement of spares, repair of spares, service charges if any shall be as per **Annexure-I** for one year required for maintenance of Air Conditioners, Water Coolers, **Water Purifier** and its Components.

Whereas the Service Provider has agreed to accept the terms & conditions mentioned as under.

(Contd..)

[Signature]

This deed of Agreement witnesses as under :

1. The Service Provider shall make available Service Engineer round the clock at University office during the contract period.
2. The Service Provider will provide spares, repair of spares, service charges if any which may be needed for Air Conditioners, Water Coolers, **Water Purifier** and it's Components during the contract services as per the approved rates.
3. The Service Provider will extend one year's working warranty for Compressors & Six months working warranty for all other spares replaced during contract period.
4. The contract service is not transferable.
5. Payment of the Service Provider will be made on quarterly basis after receiving the bills of all repaired/replaced spares/service charges, if any, carried out during the quarter and necessary documentary evidence i.e. certification from the Controlling Officer about the satisfactory working of the repaired Air Conditioners, Water Coolers, **Water Purifier** and it's Components.
6. The Service provider shall deposit Rs.50,000/- (Rs. Fifty Thousand only) as security deposit at the time of execution of agreement.
7. Response time to attend any fault should be less than two days and repair and replacement of the parts should be as per Annexure-E. If the Service Provider will not do the repair of any machines as mentioned in Annexure-E in a specified time then University will be free to get done the repair of work from the outside agency and all the expenses (i.e. repairs, replacement, services and any other) will be deducted from the payment of the Service Provider. In addition to this, penalty will be levied i.e. Rs. 100/- per day.
8. Payment will be made after making deduction on account of down time penalty for the quarter period. Penalty will be calculated on the basis of down time reports from the Controlling Officer. If the services are satisfactory then the payment will be released within 15 days after the expiry of the quarter.
9. No advance payment will be made by this office for the contract service.
10. If the service provider will not carry out the work within specified period, the security deposit will be forfeited.
11. The Service Provider will attend the complaint as per complaint register maintained by Controlling Officer. The format of the complaint register is enclosed in Annexure-A.
12. The provision made in the Rule No. 17 /2010 shall be binding on the Service Provider. The copy of the rule is enclosed in Annexure-III.
13. The Service Provider shall not make or send offensive, indecent, menacing, nuisance or hoax calls or communications or to cause annoyance, inconvenience or needless anxiety, if it happens the Service Provider shall be entitled to immediate termination of the contract.




14. University will review the services of the contractor after Six months, in case services are not found as per Agreement then University will terminate the Agreement.
15. The Service Provider agreed that infringement of any of the above conditions will result in the termination of the contract. The decision of the Hon' ble Vice-Chancellor shall be final with regard to this contract. If the contract remains inoperative as a result of inaction of the Service Provider, the Hon' ble Vice-Chancellor shall instantly terminate the contract by giving one month's notice to the Service Provider resulting in forfeiture of the security deposit.
16. In case of dispute; the matter shall be decided in Amravati Jurisdiction.
17. The Controlling Officer will be satisfying officer for all repairs and maintenance.

Party No.1 **M/s Sai Marketing, Amravati**
Party No.2 Registrar, Sant Gadge Baba Amravati University, Amravati.

Witness :

1) 
2) 

Party No.1

(M/s Sai Marketing, Amravati)
(Service Provider)
(Chimre P. Chimre)

Party No.2

(Registrar)
Sant Gadge Baba Amravati University


Prepared by


University Deputy Engineer (Elect.)

Checked & Verified by


Executive Engineer

Approved by M.C. Vide
Item No.32 dated 31/1/2017


Registrar
Sant Gadge Baba Amravati University.

Sant Gadge Baba Amravati University
Maintenance of Air-Conditioners , Water Coolers, Water Purifiers & its's
Components by adopting "Break Down Service Mechanism".

Sai Marketing, 56(371/2), Paraganeet colony,
 Congress Nagar Road, Amravati. M.No.8482909906

Sl. No.	Name of spares in Air conditioner , Water Coolers & Aqua guard.	Expected Frequency of failure/ year	Unit	Cost of the spare	Repair charges, (if any)	Service charges	Total Cost	Frequency (X) Total cost
				Rs.	Rs.	Rs.	Rs.	Rs.
1	Running Capacitor	3	4	10	11	12	13	14
	a) 36 mfd							
	b) 40 mfd	3	Each	500		200	700	2100
	c) 45 mfd	3	Each	650		200	850	2550
	d) 50 mfd	3	Each	700		200	900	2700
	e) 60 mfd	3	Each	750		200	950	2850
2	Starting capacitor	3	Each	800		200	1000	3000
	a) 60 - 80 mfd							
	b) 80-100 mfd	3	Each	300		200	500	1500
	c) 100-120 mfd	3	Each	400		200	600	1800
3	Relay	3	Each	400		200	600	1800
4	Thermostat	2	Each	450		200	650	1300
5	Gas charging	1	Each	500		200	700	700
	a) R-410							
	b) R-22	2	Kg	1100		1600	2700	5400
	c) R-134	2	Kg	1100		1600	2700	5400
	d) R-32	2	Kg	900		1600	2500	5000
6	Fan motor Rewinding	2	Kg	1000		1600	2600	5200
7	Fan motor shafting and bushing	1	Job		850	200	1050	1050
8	Capillary	1	Job		400	200	600	600
9	Filter	1	Feet	30		30	60	60
10	Internal wiring / Cable (ISI mark)	2	Each	175		50	225	450
11	Copper piping	1	Feet	20		10	30	30
	a) 3/16" dia							
	b) 1/4" dia	0.2	Feet	40		25	65	13
	c) 3/8" dia	0.2	Feet	45		25	70	14
	d) 1/2" dia	0.2	Feet	55		25	80	16
	e) 5/8" dia	0.2	Feet	60		25	85	17
12	Fan motor capacitor	0.2	Feet	80		25	105	21
	a) 4 mfd							
	b) 6 mfd	1	Each	90		40	130	130
13	Contactor for split & package type A/c	1	Each	100		40	140	140
	a) Single Phase							
	b) Three Phase	0.5	Each	750		550	1300	650
14	Valves, three way with different types	0.5	Each	1500		550	2050	1025
15	Remote PCB Repairing (Split / Window A/c.)	0.5	Each	650		200	850	425
16	Remote PCB Repairing (cassette type A/c.)	0.5	Job		1400	550	1950	975
17	Remote PCB Repairing (Package type A/c.s)	0.5	Job		2200	550	2750	1375
18	Remote for Split / Window types of A/c's	0.3	Each	1400	2500	300	3050	1525
19	Remote kit for Package type A/c's	0.3	Each	4400		500	4900	1470
20	Connector	0.25	Each	20		5	25	6.25
21	Fan Blade for							

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	a) Split type A/c of various Capacities	0.25	Each	900		350	1250	312.5
	b) Window type A/c of various Capacities	0.25	Each	800		350	1150	287.5
	c) Package type A/c of various Capacities	0.25	Each	1350		400	1750	437.5
	d) Water Coolers of various Capacities	0.25	Each	290		180	470	117.5
	e) Cassette type A/c of various capacities	0.25	Each	1400		400	1800	450
22	Blower motor of various capacities	0.25	Each	2250		450	2700	675
23	Repairing of cooling coil of various Capacities	0.3	Job		500	250	750	225
24	Repairing of Condensing coil of various Capacities	0.3	Job		550	250	800	240
25	Cooling coil for window type A/c							
	a) 1.5 Tonne	0.2	Each	4000		1200	5200	1040
	b) 2.0 Tonne	0.2	Each	4600		1200	5800	1160
26	Cooling coil for Split type A/c							
	a) 1.5 Tonne	0.2	Each	4400		1200	5600	1120
	b) 2.0 Tonne	0.2	Each	5000		1200	6200	1240
	c) 3.0 Tonne	0.2	Each	8000		1200	9200	1840
27	Cooling coil for Cassette type A/c							
	a) 2.0 Tonne	0.2	Each	9200		1400	10600	2120
	b) 3.0 Tonne	0.2	Each	13000		1400	14400	2880
	c) 4.0 Tonne	0.2	Each	15400		1400	16800	3360
28	Cooling coil for Package type A/c							
	a) 5.5 Tonne	0.2	Each	16500		1400	17900	3580
	b) 8.5 Tonne	0.2	Each	22000		1400	23400	4680
29	Condensing coil for A/c							
	a) 1.5 Tonne	0.2	Each	8000		1400	9400	1880
	b) 2.0 Tonne	0.2	Each	9000		1400	10400	2080
	c) 5.5 Tonne	0.2	Each	18500		1400	19900	3980
	d) 8.5 Tonne	0.2	Each	23500		1400	24900	4980
27	Condensing coil for Water Coolers							
	a) 30 ltrs capacity	0.2	Each	3600		700	4300	860
	b) 40 ltrs capacity	0.2	Each	5200		700	5900	1180
	c) 120 ltrs capacity	0.2	Each	6000		800	6800	1360
	d) 150 / 240 ltrs capacity	0.2	Each	7000		800	7800	1560
31	Puff insulation for Water Coolers	0.2	Job		600	200	800	160
32	Door Gasket for Water Cooler of various capacities	0.3	Runnin g Feet	118		40	158	47.4
33	Painting of water cooler body	0.3	Job		2000	200	2200	660
34	Water cooler drainage tray	0.3	Each	550		300	850	255
35	Repairs of water cooler of different capacities.							
	a) Top door	0.3	Job		600	250	850	255
	b) Front panel	0.3	Job		600	250	850	255
	c) Side panels	0.3	Job		600	250	850	255
	d) Back panel	0.3	Job		600	250	850	255
36	Repairing of water cooler base / frame	0.3	Job		3800	500	4300	1290
37	Stainless steel Tap push type (Front & Upper Type)	0.5	Each	750		150	900	450
38	Repairs of voltage stabilizers with different capacities							
	a) 4 KVA	0.3	Job		750	300	1050	315
	b) 5 KVA	0.3	Job		900	300	1200	360
39	Electric cable wire (4 square mm) with different sizes ISI Mark	0.2	Feet	40		10	50	10
40	Over load protector for water cooler	0.5	Each	350		150	500	250
41	Transportation (to & fro) (University Campus to Workshop and vice versa)	0.2	Job			550	550	110
42	Heaton sheet (Felt) with cotton tape	0.5	Mtrs	90		30	120	60
43	Heaton pipe with cotton tape of required size	0.5	Mtrs	100		30	130	65
44	Selector Switch for window A/c's	0.2	Each	150		30	180	36

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44	Swing motor for indoor unit	0.3	Each	750		350	1100	330	
45	Swing motor for indoor unit cassette type A/c	0.3	Each	1150		350	1500	450	
46	Installation charges for air-conditioner								
	a) Window A/c's of all types & capacities	0.2	Job			800	800	160	
	b) Multisplit A/c's of all types & capacities	0.2	Job			2000	2000	400	
	c) Single split A/c's of all types & capacities	0.2	Job			1200	1200	240	
	d) Cassette A/c's of all types & capacities	0.2	Job			2500	2500	500	
	e) Package A/c's of all types & capacities	0.2	Job			3000	3000	600	
47	Brazing Rods	0.5	Dozen	480		30	510	255	
48	Blower for Indoor units with different capacities (Split & Window)								
	a) 1.5 Tonne	0.2	Job	1600		350	1950	390	
	b) 2.0 Tonne	0.2	Job	1900		350	2250	450	
49	Ball cock for water cooler ½"	1	Each	450		100	550	550	
50	Stainless Steel Nipple for water cooler ½"	0.5	Each	120		40	160	80	
51	P.V.C. Drain pipe for water cooler 1"	1	Each	140		40	180	180	
52	P.V.C. overflow pipe for water cooler ½"	1	Each	30		20	50	50	
53	Pin top 16 A.	0.5	Each	45		20	65	32.5	
54	Plug sockets 6A	0.5	Each	19		20	39	19.5	
55	Switch 6A.	0.5	Each	19		20	39	19.5	
56	Plug socket 16A.	0.5	Each	148		20	39	19.5	
57	Carbon Filter	1	Each	550		250	800	800	
58	Candle Filter	2	Each	400		250	650	1300	
59	Ultra Violet Tube	0.5	Each	400		250	650	325	
60	Holder for Ultra Violet Tube	0.25	Each	78		30	108	27	
61	PCB Repair	1	Job		1400	300	1700	1700	
62	Sensor	0.5	Each	80		40	120	60	
63	½ inch PVC pipe	1	Per feet	20		10	30	30	
64	½ inch PVC Hose Pipe	1	Per feet	20		20	40	40	
65	Solenoid valve	0.5	Each	400		100	500	250	
66	Glass Tube for Aquaguard	1	Each	350		100	450	450	
67	Nipple PVC ½ inch	0.5	Each	30		10	40	20	
68	REPLACEMENT OF COMPRESSOR FOR VARIOUS A								
	i) Reciprocating type								
	a) 1.0 Tonne	0.2	Each	7000		600	7600	1520	
	b) 1.5 Tonne	0.2	Each	8000		600	8600	1720	
	c) 2.0 Tonne	0.2	Each	9000		600	9600	1920	
	ii) Scroll type								
	a) 1.0 Tonne	0.2	Each	7500		800	8300	1660	
	b) 1.5 Tonne	0.2	Each	8900		800	9700	1940	
	c) 2.0 Tonne	0.2	Each	9900		800	10700	2140	
	d) 5.5 Tonne Ductable scroll type	0.2	Each	34000		1500	35500	7100	
	e) 8.5 Tonne Ductable Scroll Type	0.2	Each	46000		1600	47600	9520	
	(USHA / VOLTAS / VIDEOCON / CARRIER / KIRLOSK								
69	REPLACEMENT OF COMPRESSOR FOR VARIOUS W								
	a) 40/80 litres capacity	0.25	Each	7500		600	8100	2025	
	b) 120/150 litres capacity	0.25	Each	8200		600	8800	2200	
	c) 150/240 litres capacity	0.25	Each	9000		600	9600	2400	
	(VOLTAS / TUSHAR / BLUE STAR / USHA)								
70	Checking & servicing of the units shall be done quarterly with an entry in the maintenance card (Annexure D) & complaint Register (Annexure A). Preventive maintenance shall consist the following -	4	Job			800	800	3200	

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	i) Complete servicing of unit with oiling & greasing of moving parts						
	ii) Cleaning of Air filter						
	iii) Cleaning of evaporator coil						
	iv) Cleaning of condensor coil with the help of blower & water as required						
	v) Leakage testing of refrigeration line						
	vi) Checking & adjusting controls such as overload relay, thermostat, expansion valve etc.						
	vii) Checking & tightening of electrical connection of switchgears / controls & cleaning the strips of connectors/ contactors/ relay etc.						
	viii) Complete system checking inview of maintaining desired temperature.						
	Total Cost	82.95	0.00	375182	20250	63340	458772
	Frequency (X) Total cost (/) Total Frequency						147673.15
							1780.27


Executive Engineer
Sant Gadge Baba Amravati University


Registrar
Sant Gadge Baba Amravati University


20/07/17


2/8/2017