

ABSTRACT OF AMC/CAMC of Electromechanical Equipments

NAME OF WORK : AMC/CAMC of Electromechanical Equipments in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.

S.No.	Description	Amount in Rs.
1	CAMC of WTP & RO	₹ 1,619,556.00
2	CAMC of STP & ETP	₹ 2,055,108.00
3	CAMC of Solar Water Heating System	₹ 989,880.00
4	AMC of Hydro Pneumatic Pumps	₹ 1,023,096.00
5	CAMC of Fire Fighting system	₹ 1,706,316.00
6	AMC of HT & LT Electrical Installation	₹ 1,428,105.00
	Total Amount	₹ 8,822,061.00

(Rupees One Crore Fifty Eight Lakhs Sixty Three Thousand Four Hundred Ninety Five Only)

Date:

Name, Signature and seal of the Contractor

SCHEDULE OF QUANTITIES

NAME OF WORK : AMC/CAMC of Electromechanical Equipments in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.

A : Estimate for CAMC of WTP & RO at ESIC MC&H Sanathnagar Hyderabad

S.No	Description	Monthly Charges in Rs.	Quantity (Months)	Amount in Rs.(Annual CAMC Charges)
1	Comprehensive Maintenance of all Electrical & Mechanical Equipments related to WTP & RO Plant installed at ESIC Medical college and Hospital Sanath Nagar,Hyderabad including replacement of spares,furnishing of test reports monthly from Govt Approved LAB/PCB,supply of chemicals required for Proper Maintenance of WTP/RO Plant complete as required.(1000 LPH-3, 500 LPH-2, 250 LPH-1, D-RO 1000 LPH-1)	134963.00	12	1619556.00
A : Total Amount for CAMC of WTP & RO				1619556.00

B: CAMC of STP & ETP at ESIC MC&H Sanathnagar Hyderabad

S.No	Description	Monthly Charges in Rs.	Quantity (Months)	Amount in Rs.(Annual CAMC Charges)
1	Comprehensive Maintenance of all Electrical & Mechanical Equipments related to 525 KLD STP & 50 KLD ETP installed at ESIC Medical college and Hospital Sanath Nagar,Hyderabad including replacement of spares,furnishing of test reports monthly from Govt Approved LAB/PCB,supply of chemicals required for Proper Maintenance of STP/ETP complete as required.	171259.00	12	2055108.00
B: Total Amount for CAMC of STP & ETP				2055108.00

C : CAMC of Solar Water Heating at ESIC MC&H Sanathnagar Hyderabad

Sno	Description	Monthly Charges in Rs.	Quantity (Months)	Amount in Rs.(Annual CAMC Charges)
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1	Comprehensive Annual Maintenance of 6 Nos x 5000 LPD Solar Water Heating System installed at ESIC Medical college and Hospital Sanath Nagar,Hyderabad including replacement of spares & every month visit & Servicing as per Conditions attached complete as Required.	82490.00	12	989880.00
C : Total Amount for CAMC of Solar Water Heating				989880.00
D : AMC of Hydro Pneumatic Pumps at ESIC MC&H Sanathnagar Hyderabad				
S.No	Description	Monthly Charges in Rs.	Quantity (Months)	Amount in Rs.(Annual CAMC Charges)
1	Annual Maintenance of various capacities Hydro Pneumatic Booster Pumps of Grundfos Make installed at ESIC Medical college and Hospital Sanath Nagar,Hyderabad including replacement of spares & every month visit as Conditions attached complete as Required.-17Nos(inventory of pumps attached).	31733.00	12	380796.00
2	One time Repair of pumps (to be taken up as per actual requirement) for 6 Nos. Pumps (OPD - 2 Nos, Boys Hostel - 1 No, Girls Hostel - 1 No, Nurse hostel - 1 No and Ward block - 1No)			
a	VFD 4 KW	38000.00	2	76000.00
b	Shaft seal	9500.00	7	66500.00
c	Motor Bearing Kit MMG	16200.00	6	97200.00
d	Bearing Chamber	4700.00	1	4700.00
e	Bearing Ring	1200.00	1	1200.00
f	Coupling Kit	3000.00	1	3000.00
g	NRV 65mm With Gaskets	6000.00	2	12000.00
h	Panel - CU 352	152000.00	2	304000.00
i	Panel -IO 351	30500.00	1	30500.00
j	Exhaust Fan	1200.00	2	2400.00
k	ON & OFF Switch	3800.00	1	3800.00

l	VFD LCP Display	5500.00	2	11000.00
m	Repair Labour Charges	30000.00	1	30000.00
Total Amount for One time repair of pumps				642300.00
D : AMC and One time repair of Hydro Pneumatic Pumps				1023096.00
E : CAMC of Fire Fighting system at ESIC MC&H Sanathnagar Hyderabad				
S.No	Description	Monthly Charges in Rs.	Quantity (Months)	Rs.(Annual CAMC Charges)
1	Comprehensive maintenance of Fire Alarm System,Wet riser/Down comer system, Sprinkler System including all pumps in Pump Room,Valves and Other accessories installed at ESIC Medical College and Hospital as per list enclosed including routine,preventive and breakdown maintenance and service, including all type of Supply of spares, Periodic Replacement & Repair of wornout / breakdown / damaged items with minimum downtime and warranty & guarantee of repaired / replaced items complete with all accessories as per terms & conditions enclosed.(This item includes Conducting of fire mock drills in consultation with Fire Department as per Schedule)	142193.00	12	1706316.00
E : Total Amount for CAMC of Fire Fighting System				1706316.00
F : AMC of Transformers and other HT & LT Electrical Installation at ESIC MC&H at Sanathnagar Hyderabad				
S.No	Description	Rate in Rs.	Qty	Amount in Rs.
1	Carrying out painting of One or more coats including a coat of approved steel primer painting on GI	140.00	400	56000.00

2	Servicing & Comprehensive Maintenance of LT 440Volts 800 - 4000A Air Circuit Breakers including the panels. Cleaning of panel and Breaker, Lubricating of Mechanism ,Checking Condition of Arcing Contacts (Fixed & moving),checking of Control Wiring ,Relays ,Close and trip circuit wiring,Supply of Maintenance kit including attending Unlimited break down calls as Conditions attached Complete as required.(Test Reports Shall be Submitted)	8386.00	86	721196.00
3	Servicing of 33 KV& 11KV Existing Breaker and the Panels. Checking of Busbar tightness, T&C Switch operation, Wiring tightness, Trolley movement checking, cleaning of panel,Servicing of complete panel to avoid moisture, Setting greasing of figure contact,Cable Tightness, Cam Setting of breaker,providing a layer on insulation paint,if required, Relay Testing through Primary/secondary injection Test.CRM,IR Testing as perConditions attached complete etc as required.(Test Reports Shall be Submitted)			
3.a	a)33 KV Vaccum Circuit Breaker	13769.00	3	43372.35
3.b	b)11 KV Vaccum Circuit Breaker	13008.00	17	221136.00

4	<p>Servicing and Checking of 33/11 KV 11000/433V, dry type cast resin Transformer of including cleaning all contacts,checking and tighten all nut bolt, control wiring, dust,moisture including replacement of minor parts i.e suitable size copper wire, thimble, PVC sleeve nut bolt, washer etc and performing following test at site Voltage ratio test, Insulation Resistance value ,magnetic balance test ,magnetizing current test,winding safety alarm and tripping testing,filtration of transformer oil with high vaccum filtration including dehumdification/dehydration(for Oil type) and submission of testing and service report for compliance with OEM standards for better efficiency yield (Once in 6 Months)</p>			
4.a	<p>11 Kv/433 V, 1600 KVA oil type- 2 Nos & 2000 KVA Dry type 11/0.433 KV Transformers- 6 Nos</p>	63385.00	2	133108.50
4.b	<p>10 MVA Oil Type 33/11 KV Transformers</p>	42257.00	2	88739.70
5	<p>Topping up of Transformer tank with new highly refined and mineral transformer oil confirming to IS 335-1993 Complete as required.</p>	130.00	500	68250.00
6	<p>Opening the breather unit from transformer & refixing the same after replacement of old moisturized silica gel by new approved quality silica gel etc as required.</p>	852.00	10	8946.00
7	<p>Providing and filling up of earth pit with required amount of Charcoal to achieve good earth resistance complete as required.(The agency Shall furnish earth resistance test report for every Six Months at all locations of ESIC MCH</p>	250.00	13	3412.50
8	<p>Providing and filling up of earth pit with required amount Salt to achieve good earth resistance complete as required(The agency Shall furnish earth resistance test report for every Six Months at all locations of ESIC MCH).</p>	150.00	13	2047.50

9	Servicing and Checking of APFC Panels upto 750KVAR	3987.00	8	31896.00
10	Maintenance of Outdoor type of 33 kV Switchyard consists of lightning arrestors, Isolators, CTs PT's etc. (4 Quarterly services and 24 Hrs call back services)	12500.00	4	50000.00
F : Total Amount for AMC of HT & LT Electrical Installation				1428105.00

Abstract of AMC/CAMC	
A: Total Amount for CAMC of WTP & RO	1619556.00
B: Total Amount for CAMC of STP & ETP	2055108.00
C: Total Amount for CAMC of Solar Water Heating	989880.00
D: Total Amount for AMC and One time repair of Hydro	1023096.00
E: Total Amount for CAMC of Fire Fighting System	1706316.00
F: Total Amount for AMC of HT & LT Electrical Installation	1428105.00
Total Amount for CAMC/AMC for all services	8822061.00