

ABSTRACT OF ARMO Electrical works

NAME OF WORK : Annual Repairs, Maintenance and Operation (ARMO) Electrical works in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.

S.No.	Description	Amount in Rs.
1	Manpower Estimate for Operation and Maintenance of E & M Services	₹ 36,098,853.00
2	Electrical Materials Estimate	₹ 2,623,680.00
3	Electrical Item works estimate	₹ 2,204,638.00
	Total Amount	₹ 40,927,171.00

(Rupees Seven Crore Forty Eight Lakhs Forty Seven Thousand Nine Hundred Eighty Three Only)

	Annual Repairs, Maintenance and Operation (ARMO) Electrical works in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.																	
Name of Service: Deployment of Manpower for Day to Maintenance of Electrical Services of ESIC Medical College and Hospital, Sanathnagar during the period 2025-26 (One Year)																		
S.No.	Name of the Profile / Designation	Qty. (in No's)	No. of Working Days in a Month	Duration of Employment (in Months)	Minimum Daily Wage in Rs. (Per Day)	EPF (Employer Contribution) on maximum ceiling limit of Rs. 15000/- per month) (15000*0.13/26) (Per Day)	ESI (Employer Contribution) (Per Day) (i.e E*0.0325)	Bonus (Per Day) (i.e. E*.0833)	Reliver Charges per person(per day)	Leave Wages per person per day (15CL 8NH/FH)	Sub Total Amount in Rs. (i.e Sum of E, F, G & H,I,J) (Per Day)	CP & OH Charges @15 % on K (Per Day)	Sub Total Amount in Rs. (i.e Sum of K & L) (Per Day)	GST @18% on M (Per Day)	Sub Total Amount in Rs. (i.e Sum of M & N) (Per Day)	Sub Total Amount in Rs. (i.e C*O) (Per Month)	Sub Total Amount in Rs. (i.e D*P) (Per Year Per Person)	Sub Total Amount in Rs. (i.e A*Q) (Per Year for Required Persons as mentioend as Qty.)
		A	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Engaging of of Supervisor for supervising of day to day maintenance of Electrical maintenance and to monitor these services are properly attended and to take care of complaints arised related to fittings / fixtures in the campus such as switches, sockets, switch boards, LT Panels , MCBs, MCB DBs, MCCBs, SFUs, FSUs etc., and all types of fans / light fittings, OH lines, UG cables etc., complete all as directed by the Dean. (04 No's) (Qualification: Diploma in Electrical Engineering with 10 years related experience (supervisory) in maintenance job) with valid 33KV Supervisor permit / certificate) (Highly Skilled)	4	26	12	1065	75.00	0	0.00	177.50	78.51	1396.01	159.75	1555.76	280.04	1835.80	47730.71	572768.46	2291073.84
2	Deployment of Supervisor (Fire Safety) for day to day operation of Firefighting / Fire Alarm system equipment etc., complete all as directed by the Dean. (01 No.) (Qualification: Fire safety diploma with 10 years experience in day to day operation of Firefighting / Fire Alarm system equipment) (Highly Skilled)	1	26	12	1065.00	75.00	0.00	0.00	177.50	78.51	1396.01	159.75	1555.76	280.04	1835.80	47730.71	572768.46	572768.46
3	Deployment of 33KV / 11KV / 415V Substation Attendant Cum DG Operator for day to day operation of substation equipment and DG Sets etc., complete all as directed by the Dean. (04 Nos.) (Qualification: B.E / B. Tech / Diploma certificate with 03 years' experience in operation of 33KV / 415V Switchyard & Substation and equipment and DG Sets along with valid 33KV Supervisor permit / certificate) (Highly Skilled)	4	26	12	1065.00	75.00	0.00	0.00	177.50	78.51	1396.01	159.75	1555.76	280.04	1835.80	47730.71	572768.46	2291073.84
4	Deployment of HVAC Attendant Cum Technician for day to day operation of HVAC equipment (like Chillers, Cooling Towers, AHU's etc), complete all as directed by the Dean. (07 No's) (Qualification: ITI Certificate with 05 years experience in day to day operation of HVAC equipment) (Highly Skilled)	7	26	12	1065.00	75.00	0.00	0.00	177.50	78.51	1396.01	159.75	1555.76	280.04	1835.80	47730.71	572768.46	4009379.22
5	Deployment of Electrician for day to day maintenance of Electrical services like internal and external electric supply by replacing the damaged fittings / fixtures , the unserviceable fittings / fixtures such as switches, sockets, switch boards, LT Panels , MCBs, MCB DBs, MCCBs, SFUs, FSUs etc., and all types of fans / light fittings, OH lines, UG cables etc., complete all as directed by the Dean. (10 Nos.) (Qualification: ITI Electrician certificate with 3 years related experience along with wiremen permit) (Skilled)	10	26	12	981.00	75.00	0.00	0.00	163.50	72.32	1291.82	147.15	1438.97	259.01	1697.98	44147.52	529770.20	5297702.04
6	Deployment of Lift Operator for day to day operation of Lifts like checking of lifts condition, to carry out minor services to make it in proper working condition etc., complete all as directed by the Dean. (14 Nos.) (Qualification: Trade certificate with 03 years experience in operation and maintenance of lifts) (Skilled)	14	26	12	981.00	75.00	0.00	0.00	163.50	72.32	1291.82	147.15	1438.97	259.01	1697.98	44147.52	529770.20	7416782.86

7	Deployment of Firefighting Technician for day to day operation of Firefighting / Fire Alarm system equipment etc., complete all as directed by the Dean. (06 No's) (Qualification: Fire safety diploma with 03 years experience in day to day operation of Firefighting / Fire Alarm system equipment) (Skilled)	6	26	12	981.00	75.00	0.00	0.00	163.50	72.32	1291.82	147.15	1438.97	259.01	1697.98	44147.52	529770.20	3178621.22
8	Deployment of unskilled Labour / Helper for helping the Highly Skilled / Skilled workers in day to day operation of Electromechanical equipments complete all as directed by the Dean (10 Nos.) (Qualification: Nil) (Unskilled)	10	26	12	805.00	75.00	26.16	67.06	134.17	59.34	1166.73	120.75	1287.48	231.75	1519.22	39499.84	473998.13	4739981.27
9	Deployment of STP & ETP Technician for day to day operation of STP & ETP Equipment etc., complete all as directed by Dean(04 No's)(Skilled)(Qualification: ITI with 03 years experience in day to day operation and Maintenance of STP &ETP) (Skilled)	4	26	12	981.00	75.00	0.00	0.00	163.50	72.32	1291.82	147.15	1438.97	259.01	1697.98	44147.52	529770.20	2119080.82
10	Deployment of unskilled Labour / Helper for helping the Highly Skilled / Skilled workers in day to day operation of STP & ETP complete all as directed by the Dean (1 Nos.) (Qualification: Nil) (Unskilled)	1	26	12	805.00	75.00	26.16	67.06	134.17	59.34	1166.73	120.75	1287.48	231.75	1519.22	39499.84	473998.13	473998.13
11	Deployment of WTP&RO Technician for day to day operation of WTP&RO Equipment etc., complete all as directed by Dean(07 No's)(Skilled)(Qualification: ITI with 03 years experience in day to day operation and Maintenance of WTP & RO) (Skilled)	7	26	12	981.00	75.00	0.00	0.00	163.50	72.32	1291.82	147.15	1438.97	259.01	1697.98	44147.52	529770.20	3708391.43
	Total Amount in Rs. (\$)																	36098853.12
	Grand Total Amount in Rs.																	36098853

Note: Revised VDA as per CLC guidelines, wherever applicable will be reimbursed on actual from time to time on submission of documentary proofs. Estimate has been prepared considering minimum wages in accordance with Ministry of Finance, Govt. of India OM dated: 28/03/2025 including CP & OH charges of 15%

* The Reliever Charges mentioned under column I is exclusive of ESI, EPF, Bonus and Leave Wages. This statutory charges will be paid extra as per actuals

NAME OF WORK : Annual Repairs, Maintenance and Operation (ARMO) Electrical works in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.

ARM Electrical Materials for 2025 - 26 for ESIC Medical College & Hospital at Sanathnagar, Hyderabad

S. No	DSR/SSR	Description of Items	Qty	Rate/Unit	Unit	Amount
		Supply & fixing on demand with available Site Labour				
		Rate/Unit :DSR-2022 Material+ Cost Index-10.28% , CP & OH-15%, LWC-1%, GST-18% = Base Rate* 1.5115				
	DSR-22	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
1	1101.00	3 x 1.5 sq. mm	330	82	Mtr	27060
2	1102.00	3 x 2.5 sq. mm	1320	127	Mtr	167640
3	1103.00	3 x 4.0 sq. mm	880	190	Mtr	167200
4	1104.00	3 x 6.0 sq. mm	400	286	Mtr	114400
5	1408.00	Stepped type Modular Fan regulator	200	333	Each	66600
6	1407.00	Modular bell push, ISI marked	50	94	Each	4700
7	1452.00	PVC Batten /Angle Holder	200	33	Each	6600
8	1421.00	Modular base & cover plate for 2 modules	50	63	Each	3150
9	1422.00	Modular base & cover plate for 3 modules	150	85	Each	12750
10	1423.00	Modular base & cover plate for 4 modules	150	92	Each	13800
11	1424.00	Modular base & cover plate for 6 modules	200	119	Each	23800
12	1425.00	Modular base & cover plate for 8 modules	200	153	Each	30600
13	1426.00	Modular base & cover plate for 12 modules	75	222	Each	16650
14	1300.00	Modular GI Box for 2 Module	50	50	Each	2500
15	1301.00	Modular GI Box for 3 Module	150	62	Each	9300
16	1302.00	Modular GI Box for 4 Module	150	73	Each	10950
17	1303.00	Modular GI Box for 6 Module	200	112	Each	22400
18	1304.00	Modular GI Box for 8 Module	200	136	Each	27200
19	1305.00	Modular GI Box for 12 Module	75	172	Each	12900
20	1401.00	Ceiling rose, 3 Pin , 5Amps ISI marked	80	30	Each	2400
21	1402.00	S.P 5/6Amps, One way modular switch,ISI Marked	200	51	Each	10200
22	1403.00	S.P 5/6Amps, Two way modular switch,ISI Marked	50	103	Each	5150
23	1404.00	S.P 15/16 Amps, one way modular switch,ISI Marked	250	112	Each	28000
24	1405.00	3 Pin 5/6Amps socket outlet ,ISI marked	450	95	Each	42750
25	1406.00	6 Pin 15/16 Amps socket outlet ,ISI marked	450	159	Each	71550
26	1718.00	40A rating 2 pole RCCB ,30mA	20	2905	Each	58100
27	1719.00	63A rating 2 pole RCCB , 30mA	20	2996	Each	59920
28	1721.00	40A rating 4 pole RCCB ,30mA	20	3461	Each	69220
29	1722.00	63A rating 4 pole RCCB , 30mA	20	3102	Each	62040
30	2932.00	250mm x 200mm HT danger notice Plate	10	109	Each	1090
31	1738.00	6 Way, SPN, double door, MCB DB	10	2036	Each	20360
32	1739.00	8 Way, SPN, double door, MCB DB	5	2455	Each	12275
33	1740.00	12 Way, SPN, double door, MCB DB	5	2160	Each	10800
34	1754.00	4 way(4+12),TPN,MCB DB,double door, Horizontal type	10	4099	Each	40990
35	1755.00	6 way(4+18),TPN,MCB DB,double door, Horizontal type	3	5106	Each	15318
36	1756.00	8 way(4+24),TPN,MCB DB,double door, Horizontal type	2	6239	Each	12478
37	1761.00	8 way (4+24), TPN Vertical type,MCB DB, Double door	2	11029	Each	22058
38	4400.00	Base Price for 1200mm sweep BLDC ceiling fan with all accessories,fittings,supports	100	2872	Each	287200
39	1706.00	6A to 32A ratings SP MCB C Curve, 10KA breaking capacity	60	204	Each	12240
40	1708.00	6A to 32A ratings DP MCB C Curve, 10KA breaking capacity	50	661	Each	33050
41	1710.00	6A to 32A ratings TPN MCB C Curve, 10KA breaking capacity	40	1313	Each	52520
42	1730.00	20 amps, SPN industrial type socket outlet, with plug top and metal chained cover in steel sheet enclosure	25	1028	Each	25700
43	1732.00	30 amps, TPN industrial type socket outlet, with plug top and metal chained cover in steel sheet enclosure	20	3238	Each	64760
44	4214.00	Supply of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories :	25	254	Each	6350

45	4233.00	Adjustable rosette Plate for 15mm dia(Powder coated)	25	121	Each	3025
		Sub Total-I				1769744
Rate/Unit: DSR-2025 Volume -II rates						
46	4234.00	<p>Supplying of Panel light 2x2 ft., of following body material and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, freq 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10% , P. F.≥0.95, IP20, CRI >80, UGR (Unified Glare Rating) < 19, Flicker free, (flicker should be below 5 %), life time (LED,Driver & electrical circuitary), of minimum 50000 Burning Hours with, 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6000°K / 6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by</p>	50	1625	Each	81250
47	4270	<p>Supplying of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85% ,Operating voltage AC 140-270 Volt, freq 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80, Flicker free, (flicker should be below 5 %), life time (LED,Driver & electrical circuitary), of minimum 50000 Burning Hours with , 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement</p>	150	334	Each	50100

48	4303	<p>Supplying of Street light LED fixture powder coated pressure die cast aluminium body with driver as per the requirement with Driver efficiency >85%, Input voltage: 140-270 Volt AC, freq 50/60 hz, Operating temp range -15 deg to 50 deg centigrade, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%, THD < 10% as per IEC 61000-3-2 , P. F. ≥0.95, IP-66, IK-10, CRI >80, under voltage and over voltage protection, EMI-EMC As per CISPR -15, lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin), SDCM(Standard Deviation Color Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of</p>	35	1200	Each	42000
49	4351	<p>Supplying of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, freq 50/60 hz, Operating temp range -15 deg to 50 deg centigrade, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%, THD < 10% as per IEC 61000-3-2 , P. F. ≥0.95, IP-66, IK-10, CRI >80 , under voltage and over voltage protection, EMI-EMC as per CISPR -15 , lenses for beam angle 30 deg-120deg as per the application and the project requirement deg., suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends as per LM80 extrapolation IES TM-21-11 report, CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , SDCM(Standard Deviation Color Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy 105 <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).- 150W</p>	50	2100	Each	105000
50	4204	<p>Supplying of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F. ≥0.95, IP20, CRI >80 , UGR (Unified Glare Rating) < 19, Flicker free (flicker should be below 5%), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends , CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing Complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 and <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be</p>	10	434	Each	4340

51	4203	Supplying of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -15 deg to 40 deg centigrade, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80 , UGR (Unified Glare Rating) < 19, Flicker free (flicker should be below 5%), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends , CCT 3000°K / 4000°K / 5700°K / 6000°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Color Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing Complete in all respect i/c connections with 1.5 sq mm FRLS, PVC insulated copper conductor single core cable and earthing etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 and <120 lm/Watt output . LM79 & LM80 Test report from NABL lab for all testing required for LED fixtures as per BIS shall be submitted. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminum housing such that LED junction temperature shall not rise above 90°C) ---15W	50	70	Each	3500
SubTotal- II						286190
Rate/unit: Basic SSR 2024-25 Rate +CP &OH -15%+ 1% Labour cess+ GST-18% = Base Rate* 1.37						
52	ELEC-1.2.5.c	Supply of 32 x 16 mm width and height Casing and Caping with all accessories such as Ts, Bends, Elbows etc., complete for finished item of work. Makes : Modi with ISI or its equivalent make as approved by the department	200	63	Each	12600
53	ELEC-1.2.5.b	Supply of 25 x 12 mm width and height Casing and Caping with all accessories such as Ts, Bends, Elbows etc., complete for finished item of work. Makes : Modi with ISI or its equivalent make as approved by the department	300	66	Each	19800
54	ELEC-1.6.3	Supply of 3 Core 4.0 Sqmm Flat Copper cable as per IS 694:1990 for Submersible Motors. Makes : Finolex / RR Kabel / Havells / Nakoda	500	254	Each	127000
55	ELEC-1.2.1.b	Supply of ISI 25mm-outer dia medium grade with IS:9537 part 3 rigid PVC pipe. Makes : Sudhakar / Finolex / Modi / VIP / Precision / Universal / Million Plast / DEC / Beljin	600	62	meter	37200
56	ELEC-1.2.8.b	Supply of 25mm dia Medium grade PVC Bends. Makes : Sudhakar / Finolex / Modi / VIP / Precision / DEC / Beljin	400	16	Each	6400
57	ELEC-1.2.6.b	Supply of 25mm PVC Junction Boxes Normal. Makes : Sudhakar / Finolex / Modi / VIP / Precision DEC / Beljin	200	48	Each	9600
58	ELEC 1.1.11.b	Supply of 25mm Saddles with Base.	500	4	Each	2000
59	ELEC-10.1.15	PVC / Cotton Insulation tape Role (10 Mtrs)	250	36	Each	9000
60	ELEC-10.1.34	33KV Hand gloves	3	1782	Each	5346
61	ELEC-10.1.33	11 KV Hand Gloves	2	1150	Each	2300
62	ELEC-10.2.7	Shock instruction chart in English / Hindi / Telugu duly framed with front glass.	30	940	Each	28200
63	ELEC-1.2.3.b	Supply of 25 mm SWR reinforced Flexible Conduit Pipe.Make: Precision or its equivalent	200	30	Mtr	6000

	ELEC-4.1.1	Supply of following size XLPE insulated, 1100V grade armoured aluminium cable with ISI mark as per specification confirming to IS:7098 (Part - I) Makes : Torrent / Unicab / Universal / Polycab / Havells / Gloster / KEI / Finolex / Payal / RR kable / Beljin / Olvin / Finecab / RPG / V - Guard / Orbit / Fortune Art / Gemscab / Bonton / SPM / Unistar / Windsor/ Avocab / Pawancab / Nakoda / Suncab				
63	4.1.1.e	10 Sqmm 4 Core	70	343	Mtr	24010
64	4.1.1.d	6 Sqmm 4 Core	100	315	Mtr	31500
65	ELEC 10.1.25	Cable route Indicators of size 152mm round / 102mm x 102mm / 152mm x 152mm	40	170	Each	6800
66	ELEC 10.1.26	40 mm x 40 mm x 6 mm angle iron with I bolt.	40	477	Each	19080
67	ELEC 10.1.32	First Aid box 18" x 12" x 8"	10	2072	Each	20720
68	ELEC-9.1.5.a	Supply of Cat 6 RJ-45 information outlets including Dual face Plate. Makes : D Link / AMP / Molex / Legrand / Krone.	30	535	Each	16050
69	ELEC-10.4.8	Supply of 6mm thick MS Chekered plate	90	133	Kg	11970
70	ELEC- 2.13.1.i	Supply of 63A, 10 kA, C/D Curve ISI Mark.Makes : Legrand-DX3 / Schneider-Acti9 / Siemens / LK (L&T) Exora / Crabtree / Indo Asian / BCH- Four Pole	15	4317	Each	64755
71	ELEC- 2.13.1.i	Supply of 63A, 10 kA, C/D Curve ISI Mark.Makes : Legrand-DX3 / Schneider-Acti9 / Siemens / LK (L&T) Exora / Crabtree / Indo Asian / BCH -- Three Pole	5	3255	Each	16275
	ELEC-1.7.1	Supply of following rating Plug top including Connections Complete as required Make: GM G Home/Gold Medal Olive/ Million Zoom/ Great white Omega/HPL/Vimal/CPL				
72	f	3 pin 6 A Plugtop	70	55	Each	3850
73	k	3 pin 16 A Plugtop	50	77	Each	3850
74	ELEC-5.1.16	Supply of 12", 900 RPM Heavy duty exhaust fan with metallic blades. Makes : Crompton / Almonard / Havells Turbo Force SP	20	3922	Each	78440
		Sub Total-III				562746
75	LS	Sundry Items of cotton, jute, cleaning cloths, sand paper etc as required	1	5000.00	Lot	5000
		SubTotal -I + Sub Total-II+Sub Total-III + SI.No-75				2623680
		Total Amount				2623680

NAME OF WORK : Annual Repairs, Maintenance and Operation (ARMO) Electrical works in ESIC Medical College & Hospital ,Sanathnagar, Hyderabad, Telangana for the year 2025-26.						
ARM Electrical Items for 2025 - 26 for ESIC Medical College & Hospital at Sanathnagar, Hyderabad						
S. No	DSR/SSR	Description of Items	Qty	Rate/Unit	Unit	Amount
Rate/Unit: Basic SSR rate 2024-25+CP&OH-15% +1% Labour-cess+ GST 18% = Base SSR Rate * 1.37						
1	ELEC-5.13.3	Repair and rewinding of ceiling fan / exhaust fan / Wall Mounted fan/ Cabin fan/Pedestal fan including minor repair, Lubrication of ball bearing, bush bearing and replacing of condenser, screws, etc., testing of fan for original speed as complete as required.	180	1014	Each	182520
2	ELEC-11.6.3	Refilling of Fire extinguisher of 6Kg ABC type by dismantling from site to work shop for refilling includes removing of existing powder and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate including transportation and labour charges.-6kg	196	308	each	362208
3	ELEC-11.6.4	Refilling of Fire extinguisher of 4.5Kg CO2 type by dismantling from site to work shop for refilling includes removing of existing powder and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate including transportation and labour charges- 4.5Kg	23	240	kg	24840
4	ELEC-11.6.4	Refilling of Fire extinguisher of 9Kg CO2 type by dismantling from site to work shop for refilling includes removing of existing powder and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate including transportation and labour charges- 9Kg	25	240	kg	54000
5	ELEC-11.6.3	Refilling of Fire extinguisher of 9 Kg ABC type by dismantling from site to work shop for refilling includes removing of existing powder and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate including transportation and labour charges.-9kg	4	308	kg	11088
6	ELEC-8.14.1.a	Supply and erection of 0-500V Digital Voltmeter on existing panel board including connections etc., complete. MAKES : CONZERVE / ELMEASURE / LK (L&T) / SEIMENS.	30	3324	each	99720
7	ELEC-8.14.2.a	Supply and erection of 0-100 / 200 / 400 / 600 /1000 Digital Ammeter of size 96x96mm on existing panel board including connections etc., complete.MAKES : CONZERVE / ELMEASURE / LK (L&T) / SEIMENS.	30	3324	each	99720
8	ELEC-8.14.4	Supply and erection of Digital power factor meter, 3 phase, 4 wire balanced or unbalanced load 5A, 415V of size 96 x 96mm on existing panel board including connections etc., complete. MAKES : CONZERVE / ELMEASURE / LK (L&T) / SEIMENS	10	4153	each	41530
9	ELEC-8.14.6.b	Supply and erection of LED indication lamps on the existing panel board. Makes : LK (L&T) / C&S / SALZAR / HPL / Siemens	300	226	each	67800

	ELEC-5.4.1	Supply & Fixing of D.O.L Starter 250V, Single phase, 50Hz. With Sheet Steel enclosure comprising of contactor with bi-metallic relay with neceSheet Steelary push buttons, etc., complete suitable ----- - Makes: Siemens / LK (L&T) / BCH				0
10	a	Upto 3HP	3	3289		9867
11	b	upto 7.5Hp	2	3975		7950
12	ELEC-5.7.1	Supply, Transportation and Installation of 1 HP Single phase open well ISI submersible motor pumpset. Makes: Texmo / CRI / KSB / Aryenvvarsha /Lubi/ Falcon	1	23300	Each	23300
		Subtotal- I				984543
DSR-22 Basic Item rate + MF for GST(0.0633) + 1% Labour cess+ Cost Index-10.28% = Basic rate*1.184						
	16.5	Removing,Supplying, laying, fixing, testing and commissioning of following thickness closed cell elastometric nitrile rubber of class 'O' applied by suitable adhesive, as per specifications and as required complete in all respect.(The Old insulation removed shall be stacked properly and shall be taken away from Campus is included in this item)				
13	16.5.1	32 mm	40	1326.00	sq.m	53040
14	16.5.2	19 mm	40	788.00	sq.m	31520
15	18.16.2	Supplying and fixing 63 mm dia, 15 m long RRL hose pipe with 63 mm dia male and female couplings duly bound with GI wire, rivets etc. conforming to IS 636 (type-A) as required-Stainless Steel Grade 304	10	5266.00	each	52660
16	7.7.1	Laying of XLPE insulated, 1100V grade armoured aluminium cable up to 35 Sq.MM size clamped with 1 mm thick saddles	100	88.8	Mtr	8880
17	16.23.1	Supplying and fixing of 19 mm thickness duly laminated aluminum foil of mat finish closed cell Nitrile rubber (class "O") insulation on existing duct after applying two coats of cold setting adhesive (CPRX compound). The joints shall sealed with 50 mm wide and 3 mm thick self adhesive nitrile rubber tape insulation complete as per specifications and as required.(The Old insulation removed shall be stacked properly and shall be taken away from Campus is included in this item)	50	1027	Sq.M	51350
		Subtotal-II				197450
18	MR	Removing & lowering,Repair & Rewinding and reinstallation of 3H.P/5 H.P Submersible water pumps including replacement of bushes,grinding of Shaft,replacement of bearings,Oil seals,impellers,flange connections,nut bolts etc., required for making pump into Operational Complete as required.	4	11617.00	Each	46468
19	MR	Removing from the bore well & lowering to bore well ,Repair & Rewinding and reinstallation of up to 5 H.P Bore well water pumps including replacement of bushes,grinding of Shaft,replacement of bearings,Oil seals,impellers,flange connections,nut bolts etc., required for making pump into Operational Complete as required.	2	17088.00	each	34176

20	MR	Removing from the bore well & lowering to bore well ,Repair & Rewinding and reinstallation of above 5 H.P to 25 Bore well water pumps including replacement of bushes,grinding of Shaft,replacement of bearings,Oil seals,impellers,flange connections,nut bolts etc., required for making pump into Operational Complete as required.	2	18212.00	each	36424
21	MR	Supply and Transportation, erection , testing and commissioning of star rated Three phase ISI submersible motor pumpset suitable for 6" Bore well. Makes: Texmo / CRI / KSB / Aryenvarsha / Lubi / Falcon of following capacity				
		7.50 HP 12-16 /20-25 Stage	1	88777.00		88777
22	MR	Supply, Transportation and Installation of 3.0 HP Three phase open well ISI submersible motor pumpset Makes: Texmo / CRI / KSB / Aryenvarsha / Lubi / Falcon	4	50120.00	each	200480
	MR	Dismantling,Supplying and fixing of following capacity dry type lead acid (SMF) sealed maintenance free battery for lifts in fully charged condition at various locations of ESIC MCH campus complete with warranty for 24 months i/cc testing,Commissioning etc., and credit buy-back of Old Batteries as required				
23		12 Volts,160 AH Battery (DG Set)	20	20138.00	Each	402760
24		12 Volts,7 AH Battery (lift ARD)	61	900.00	Each	54900
25	MR	Refilling of Fire extinguisher of 9 Litre water type by dismantling from site to work shop for refilling includes removing of existing water and cleaning the cylinder, delivery pipe, nozzle internally and refilling new water with reinstalling properly at site with necessary certificate including transportation and labour charges	160	1052.00	each	168320
26	MR	Refilling of Fire extinguisher of 9 Kg Foam type by dismantling from site to work shop for refilling includes removing of existing foam and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate including transportation and labour charges.	5	1246.00	each	6230
		Subtotal-III				1038535
		Subtotal-I+Subtotal-II+Subtotal-III				2220528
		Credit Items				
27	ELEC 16.1.1.j	Credit for buy back of Old Ceiling fan including dismantling of existing ceiling fan including blades etc., other accessories complete as required.	40	237.00	Each	9480
28	ELEC 16.1.1.k	Credit for buy back of Old light fittings including dismantling of existing fittings and accessories complete as required.	40	33.00	Each	1320
29	ELEC 16.1.1.p	Credit for buy back of Old All types of water pumpsets including dismantling of existing fittings and accessories complete as required.	5	538	HP	2690
30	ELEC 16.1.1.h	All types of Ammeter/Voltmeter / any meter	60	40	each	2400
Total						2204638
Total Amount						2204638