SCHEDULE OF WORK - E&M

Name of work : Repair, Operation & maintenance of BARC Townships at Mysuru. SH: Day-to-day Civil Maintenance, including cleaning of water tank & sewer line, rendering services of manpower including materials and Providing housekeeping, sanitation and cosmetic maintenance services by deployment of sweepers/unskilled labourers and supervisors including garbage collection, transportation and disposal, road sweeping, toilet cleaning and upkeep of common areas. Annual Repairs and Maintenance of IEI and fans, DG set, Substation equipments, Street lights, Split AC units etc. for residential colonies of BARC (for 1 year) (Package – II).

S. No.	Description of Work	Qty.	Unit	Rate	Amount
	Sub Head-I(A) (EI Works)				
1.0	Providing services of running maintenance of the all internal & external Electrical installations/ equipment's and operation of water supply pump sets of **Non-residential & Residential buildings** including MP hall, PU school , school, dispensary, commercial shops, residentials walfare office, CISF Barrack,Type A, Type B, Type C, Type D Quarters at yelwal and CGHS, LAB & Dental clinic, MP hall, Type C, Type D and Type D special Quarters at kuvempunagar campus, guest house, Type E quarters at lakshmipuram campus, BARC, Mysore by deploying following manpower on all days including sundays and holidays as per terms and conditions attached etc. as required.				
	(a) Wireman:- 9 Nos (b) Khallasi:- 5 Nos **1) Yelwala -** Wireman: 5 Nos - 1st Shift - 2 Nos 2nd Shift - 2 Nos Night Shift- 1 No Khallasi:- 3 Nos - 1 in each shift **2) Kuvempunagar -** Wireman: 3 Nos - 1 in each shift Khallasi: 2 Nos - 1st Shift - 1 No 2nd Shift - 1 No **3) Lakshmipuram** - Wireman: 1 Nos - General shift				
	Note :- **1) All the material taken against supply i/c other materials which may be supplied by the Department shall also be installed or replaced including dismantling the existing wornout material by the deployed agency staff for which nothing extra shall be paid on this account to the agency.** **2) The rates inclusive of the cost of uniform & safety shoes for the deployed manpower. The personnel shall wear the prescribed uniform & safety shoes as per the instructions of the Engineer-in-Charge.**	12.00	Months	4,99,947.00	59,99,364.00
			Sub Head I(A) Total Rs.		**59,99,364.00**
	Sub Head-I(B) (Special Repair of Electrical Installations)				
2.0	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator)				
2.1	8 way, Double door	5.00	Each	3217.00	16,085.00
2.2	12 way, Double door	5.00	Each	3330.00	16,650.00
3.0	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator)				
3.1	4 way (4 + 12), Double door	3.00	Each	5077.00	15,231.00
3.2	8 way (4 + 24), Double door	3.00	Each	7351.00	22,053.00
4.0	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
4.1	3 x 1.5 sq. mm	200.00	Metre	121.00	24,200.00
4.2	3 x 4 sq. mm	400.00	Metre	258.00	1,03,200.00
4.3	3 x 6 sq. mm	100.00	Metre	378.00	37,800.00
4.4	6 x 6 sq. mm	100.00	Metre	744.00	74,400.00
4.5	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	100.00	Metre	1250.00	1,25,000.00
4.6	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	100.00	Metre	1687.00	1,68,700.00
5.0	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
5.1	20 mm	100.00	Metre	175.00	17,500.00
5.2	25 mm	150.00	Metre	195.00	29,250.00
5.3	32 mm	100.00	Metre	242.00	24,200.00
6.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	20.00	Each	632.00	12,640.00
7.0	Supplying and fixing suitable size PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	40.00	Each	870.00	34,800.00
8.0	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	20.00	Each	764.00	15,280.00

S. No.	Description of Work	Qty.	Unit	Rate	Amount
9.0	Supplying and fixing suitable size PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	30.00	Each	1278.00	38,340.00
10.0	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.				
10.1	1 or 2 Module (75mm X 75mm)	10.00	Each	411.00	4,110.00
10.2	3 Module (100mmX75mm)	20.00	Each	445.00	8,900.00
10.3	6 Module (200mmX75mm)	10.00	Each	536.00	5,360.00
11.0	Supplying and fixing following size/ modules, PVC box alongwith modular base & cover plate for modular switches in surface / recess etc. as required.				
11.1	1 or 2 Module	50.00	Each	422.00	21,100.00
11.2	3 Module	20.00	Each	443.00	8,860.00
11.3	6 Module	50.00	Each	678.00	33,900.00
12.0	Supplying and fixing of PVC cable management system with canal base and canal front with accessories such as internal coupler, joint cover, bends, end cover etc. complete as required.				
12.1	32mm x 12.5mm	100.00	Metre	325.00	32,500.00
12.2	32mm x 20mm	200.00	Metre	423.00	84,600.00
12.3	50mm x 50mm	100.00	Metre	989.00	98,900.00
12.4	100mm x 50mm	100.00	Metre	1380.00	1,38,000.00
13.0	LED Flood Light, powder coated pressure die cast aluminium body (System lumen efficacy ≥105 <120 lm/Watt) Supplying, installation, Testing & Commissioning 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 -5 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 ≥70, 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 /6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour 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 external connections with 1.5 sq. mm FRLS/HFFR, 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 and 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).				
13.1	70 watt	12.00	Each	2452.00	29,424.00
13.2	100 watt	6.00	Each	2629.00	15,774.00
14.0	Providing and fixing following rating and breaking capacity and pole MCCB and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.				
14.1	63 A, 16 KA, TMR Release TPMCCB (Ics=100% cu)	3.00	Each	7578.00	22,734.00
14.2	100 A, 16 KA, TMR Release TPMCCB (Ics=100% Icu)	3.00	Each	4643.00	13,929.00
15.0	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
15.1	Above 35 sq. mm and upto 95 sq. mm (clamped with 25x3mm MS flat clamp)	100.00	Metre	175.00	17,500.00
16.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
16.1	Upto 35 sq. mm	400.00	Metre	55.00	22,000.00
16.2	Above 35 sq. mm and upto 95 sq. mm	150.00	Metre	84.00	12,600.00
16.3	Above 185 sq. mm and upto 400 sq. mm	40.00	Metre	197.00	7,880.00
17.0	Supply of XLPE insulated PVC sheathed Aluminium armoured cable 1.1 KV grade of following sizes.				
17.1	3 x 10 sqmm	250.00	Metre	324.00	81,000.00
17.2	4 X 25 sq.mm.	150.00	Metre	545.00	81,750.00
17.3	3.5 X 50 sq.mm.	150.00	Metre	873.00	1,30,950.00
17.4	3.5 X 400 sq.mm.	40.00	Metre	5590.00	2,23,600.00
18.0	Supply and erection of 5.0 Mtre high hot dip galavanised iron (G.I)pole with OCTAGONAL cross section ,having wall thickness 3 mm. C/s A/F - top = 70mm, bottom =130 mm, base plate 200x200x12 mm, integral cable junction box with flush door & single arm bracket of size 55-63 mm OD pipe upto 1000mm in length with standard arm cap,etc., including excavtion in oridinary soil/hard rock etc and providing suitable RCC foundation with 4Nos 20mm dia Foundation bolts of 600mm in length. RCC 1:1.5:3 foundation shall be of size 400x400mm and depth 1200 mm with 4 nos. 12mm dia. tor bars as main bars and 8mm dia. tor bars stirrups @ 190 mm c/c as per approved drawing. This reinforcement shall confirm to IS:1786 latest edition. The foundation shall extend above surrounding ground/driveway level for 200 mm	30.00	Each	15409.00	4,62,270.00

S. No.	Description of Work	Qty.	Unit	Rate	Amount
19.0	Supply, installation, testing and commissioning of all in One Solar LED street Luminarie in Die cast aluminium Monocrystalline panel with Lithium Ferro Phosphate Battery, minimum 24 hour backup, MPPT charger Controller, dimming profile having minimum 40W, & efficacy minimum 190 lumen per Watt having colour temperature not less than 5700K, CRI>70, IP65 protection, Support / bracket for installation on existing poles etc complete as required as per the following specifications : Luminarie type : Solar die cast aluminium all in one solar street light Luminarie Efficiency : 190 lumen/ watt Maintenance of lumen output : 50000 hrs Operating Temperature : 10 ° C to 50 ° C Charge Controller : MPPT LED driver type : DC- DC Autonomy : 24 hours Charging Time : 1 Day Ingress Protection : IP 65 Impact Protection : IK 08 Solar Panel : 90 Wp (Monocrystalline panel) 18 Volt Battery $LiFePO_4$:- 614 Wh	30.00	Each	37270.00	11,18,100.00
				Sub Head-I(B) Total Rs.	**34,51,070.00**
	Sub Head-I(C) (Supply of materials)				
20.0	Supply of 3 Core Round FR PVC insulated and PVC Sheathed, Copper Conductor (flexible) Round cable, 1100 Volt, conforming to IS 694 following sizes				
20.1	2.5 sq. mm	300.00	Metre	248.00	74,400.00
21.0	Supply of FR-LS PVC insulated cables, Single Core Copper conductor (Unsheathed) cables/ wire, Conforming to IS694 of following sizes.				
21.1	1.50 sq. mm	1200.00	Metre	23.00	27,600.00
21.2	4.00 sq. mm	1500.00	Metre	54.00	81,000.00
21.3	6.00 sq. mm	500.00	Metre	82.00	41,000.00
22.0	Supply of S.P. 5/6 amps, one way modular switch, ISI marked	200.00	Each	44.00	8,800.00
23.0	Supply of S.P. 5/6 amps, two way modular switch, ISI marked	50.00	Each	88.00	4,400.00
24.0	Supplying of S.P. 15/16 amps, one way modular switch, ISI marked	120.00	Each	96.00	11,520.00
25.0	Supplying of 3 pin 5/6 amps, modular socket outlet, ISI marked	60.00	Each	82.00	4,920.00
26.0	Supplying of 6 pin 15/16 amps modular socket outlet, ISI marked	60.00	Each	136.00	8,160.00
27.0	Supplying of Modular bell push, ISI marked. (2 Module)	50.00	Each	80.00	4,000.00
28.0	Supplying of 2 module Stepped type Modular Fan regulator, ISI marked.	50.00	Each	285.00	14,250.00
29.0	Supplying of Modular blanking plate	60.00	Each	21.00	1,260.00
30.0	Supplying of 6 pin 25 amp modular type socket ISI Marked	30.00	Each	162.00	4,860.00
31.0	Supply of Modular base & cover plate for 1 or 2 module	50.00	Each	54.00	2,700.00
32.0	Supply of Modular base & cover plate for 3 module	50.00	Each	72.00	3,600.00
33.0	Supply of Modular base & cover plate for 4 module	50.00	Each	79.00	3,950.00
34.0	Supply of Modular base & cover plate for 6 module	100.00	Each	102.00	10,200.00
35.0	Supplying of Modular GI box for 2 module	50.00	Each	43.00	2,150.00
36.0	Supplying of Modular GI box for 3 module	50.00	Each	53.00	2,650.00
37.0	Supplying of Modular GI box for 6 module	100.00	Each	96.00	9,600.00
38.0	Supplying of S.P. 5/6 amps, one way switch, piano type (ISI marked)	300.00	Each	13.00	3,900.00
39.0	Supplying of S.P. 5/6 amps, two way switch, piano type (ISI marked)	50.00	Each	25.00	1,250.00
40.0	Supplying of S.P. 15/16 amps, one way switch, piano type (ISI marked)	150.00	Each	62.00	9,300.00
41.0	Supplying of 3 pin 5/6 amps socket outlet, piano type ISI marked	200.00	Each	30.00	6,000.00
42.0	Supplying of 6 pin 15/16 & 5/6 amps socket outlet, piano type ISI marked	200.00	Each	78.00	15,600.00
43.0	Supplying of Bell push, piano type (ISI marked)	50.00	Each	25.00	1,250.00
44.0	Supplying of Brass batten/ angle holder	250.00	Each	49.00	12,250.00
45.0	Supplying of Call bell, single phase (Ding Dong Type)	100.00	Each	57.00	5,700.00
46.0	Supplying of 3 mm thick phenolic laminated sheet	200.00	sq.cm	0.26	52.00
47.0	Supplying of 6 amps. to 32 amps. ratings, SP MCB, "C" curve, (ISI marked)	150.00	Each	175.00	26,250.00
48.0	Supplying of 6 amps. to 32 amps. ratings, DP MCB, "C" curve, 10 KA breaking capacity	80.00	Each	559.00	44,720.00
49.0	Supplying of 6 amps. to 32 amps. ratings, TP MCB, "C" curve, 10 KA breaking capacity	25.00	Each	908.00	22,700.00
50.0	Supplying of 6 amps. to 32 amps. ratings, TPN MCB, "C" curve, 10 KA breaking capacity	20.00	Each	1124.00	22,480.00
51.0	Supply of 40 amps. rating, 2 pole RCCB, 30mA, (ISI marked)	50.00	Each	2233.00	1,11,650.00
52.0	Supply of 63 amps. rating, 4 pole RCCB, 30mA, (ISI marked)	20.00	Each	3179.00	63,580.00
53.0	supply of 16 A porcelain carrier fuse .	20.00	Each	107.00	2,140.00
54.0	Supply of LED Batten light (System lumen efficacy ≥105 <120 lm/ Watt) of following body materials. Powder coated die cast/ Extruded aluminium Body (Thickness > 1.20 mm)				
54.1	18- 22 Watt	400.00	Each	395.00	1,58,000.00
54.2	40 Watt	100.00	Each	432.00	43,200.00
55.0	Supply of LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy ≥105 <120 lm/Watt) of following body materials.				
55.1	72 watt	50.00	Each	1553.00	77,650.00
56.0	Suppying of Following LED Down lighter (SMD Type) (System lumen efficacy ≥ 105 < 120 lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body including trim with Aluminium Reflector				
56.1	12 -15 watt	30.00	Each	426.00	12,780.00

S. No.	Description of Work	Qty.	Unit	Rate	Amount
56.2	18 watt	50.00	Each	618.00	30,900.00
57.0	Supply of ceiling fan with Brush Less Direct Current (BLDC) Motor, etc. complete as required.				
57.1	1200mm, BEE 5 star rating, service value ≥ 6.0 CM/ Min/ Watt, air delivery 210 CM/Min (Minimum)	100.00	Each	2446.00	2,44,600.00
58.0	Supply of LED Panel light 2x2 ft. (System lumen efficacy ≥105 <120 lm/Watt) of following body materials. Powder coated die cast /Extruded aluminium Body (Thickness > 1.20 mm)				
58.1	36 watt	20.00	Each	2103.00	42,060.00
59.0	Supply of 250mm sweep Fresh air Fan with self- opening louvers PVC body of with all accessories suitable for 230 V, 50 Hz, single phase AC Supply.	30.00	Each	2011.00	60,330.00
60.0	Supply of 6 Amps 3 pin Top (ISI marked)	50.00	Each	49.00	2,450.00
61.0	Supply of 16 Amps 3 pin Top (ISI marked)	50.00	Each	65.00	3,250.00
62.0	Supplying of 2.50 mfd Capacitor. (ISI marked)	150.00	Each	32.00	4,800.00
63.0	Supply of Threaded screw type/E 27 type 9W LED Bulb, 3000-6500 K colour temperature.	25.00	Each	99.00	2,475.00
64.0	Supply of 9W LED Bulb 3000- 6500 K colour temperature (Pin Type)	200.00	Each	99.00	19,800.00
65.0	Supply of LED Post-top Fitting, energy saving environmental friendly, designed with symmetrical light distribution, span aluminium with inbuilt high power LED system, IP65 protection white /worn white suitable for existing pole/ mounting etc. complete as reqd.				
65.1	45 Watt	10.00	Each	5922.00	59,220.00
66.0	Supply of 300mm sweep Double ball bearing Exhaust Fan with guard to make it foreign matter proof, Metal body and Fan of with all accessories suitable for 230 V, 50 Hz, single phase AC Supply.	30.00	Each	2034.00	61,020.00
67.0	Supply of Wall bracket fitting with polycarbonate body, transparent/frosted glass diffuser ,Matte-nickel or black & brass suitable for E27 bulb(6/9W) for quick replacement. and LED fitting suitable for operation on single phase 230 V, 50Hz, Ac supply with all accessories including connection etc. as required.	25.00	Each	2369.00	59,225.00
68.0	Supply of 1 litre capacity Instant water heater of 230V, single phase, 3 KW rating including hot & cold water connecting pipes of appropiate size and length for inlet & outlet connections of water heater.	50.00	Each	2993.00	1,49,650.00
Sub Head-I(C) Total Rs.					**17,01,252.00**
Total Sub Head -I (A, B, C)					**1,11,51,686.00**
	Sub Head-II (Operation and Maintenance of Sub- Station and DG set)				
69.0	Supply & topping up dehydrated transformer oil in existing 11KV/ 433 Volt, Transformer etc. complete as reqd.	300.00	Ltr.	502.00	150600.00
70.0	Supplying & filling silica gel crystal in the existing silica gel breather of transformer i/c removing the old silica gel, cleaning the breather etc complete as reqd.	2.00	Kg	1055.00	2110.00
71.0	Dehydration / filtration of transformer oil of following capacity, 11 KV / 433 Volt type transformer so as to improve the dielectric strength to the required level i/c testing the transformer oil, issuing test certificate, transportation of filtration plant, supplying and replacing of silica gel etc as required.	4.00	Job	14772.00	59088.00
72.0	Servicing and painting of 11 KV Substation Structure includes replacing of rabbit wire for making jumps servicing of GO Switch i/c greasing for GO Switch, replacement of lighting arrestors and insulators painting of GOS Substation Structure i/c H frame /RCC cross angles, Chain link fence cleaning old paint and painting of two coats of primer with two coats of aluminium enamel paint, after scraping with emery paper, with approved colour by Engineer - in- charge etc as required.	5.00	Job	29947.00	149735.00
73.0	Repairing and servicing of following capacities DG Set Cummins make i/c supplying and replacement of following parts, for B-check of DG set opening & refitting, testing and commissioning etc. complete as reqd.				
73.1	15 KVA installed at yelwala BARC, Mysore				
	a) Kirloskar Care Premium Genuine oil 7.5 Liters Can - 1 No				
	b) Spin on Lube oil Filter - 1 No.				
	c) Primary Element - 1 No				
	d) LH Lock with catcher 100-600 KV- 2 No.				
	e) LH Lock with catcher to 82.5 KVA - 1 No.				
	f) SS LH Hinge for canopy - 4 No.				
	g) SS RH Hinge for canopy - 2 No.				
	h) 88 AH, Kirloskar Green Battery - 1 No.				
	i) Battery Cable +ve - 1 No.	1.00	Job	33409.00	33409.00
73.2	40 KVA installed at yelwala BARC, Mysore				
	a) Kirloskar Care Premium Genuine oil 13 Liters Can - 1 No				
	b) Spin on Lube oil Filter - 1 No.				
	c) Fuel filter Element Assly- 1 No				
	d) Fuel filter Element - 1 No.				
	e) 130 AH Kirloskar Green Battery- 1 No.				
	f) Set of rings HA494 -1 No.				
	g) Main Element for air cleaner - 1 No.	1.00	Job	46306.00	46306.00
74.0	Providing annual non comprehensive maintenance for 15 kva DG set (make :kirloskar) including engine,alternator, control panel board as per the terms and conditions. (no of visit per year -6)	1.00	Job	13843.00	13843.00

S. No.	Description of Work	Qty.	Unit	Rate	Amount
75.0	Providing annual non comprehensive maintenance for 40 kva Dg set (make :kirloskar) including engine,alternator, control panel board as per the terms and conditions. (no of visit per year -6)	1.00	Job	13843.00	13843.00
				Total Rs.	**4,68,934.00**
				Sub Head- II Total Rs	**4,68,934.00**
	Sub Head:III (Operation & Maintenance of Split ACs)				
	Split AC Systems				
76.0	Operation and maintenance of Split Type Air Conditioner of 1.0 TR to 2.5 TR capacity, including quarterly preventive maintenance, routine servicing, attending all breakdown complaints, cleaning of filters, evaporator and condenser coils, blower, drain tray and drain pipe, checking refrigerant gas pressure, electrical connections, cooling performance, testing and commissioning, and repair/replacement of all defective electrical, electronic, mechanical and refrigeration components, including compressor, PCBs, motors, coils, valves, refrigerant gas, copper piping, sensors, capacitors, relays, remote controller, consumables and all other accessories required to keep the unit in satisfactory working condition etc. complete as required as per terms & conditions & scope of work. (1.5TR = 18 Nos. and 2.0TR=4 Nos.) (Note : if any unit couldn't be maintained for any reason for any period, recovery shall be made on pro rata basis for the units not maintained)				
76.1	1.0/1.5/2.0/2.5 TR capacity split/casette/window type AC	12.00	Months	7614.00	91368.00
				Sub Head- III Total Rs	**91,368.00**
				Total Sub Head -I (A, B, C)	**11151686.00**
				Total Sub Head -II (Operation and Maintenance of Sub- Station and DG set)	**468934.00**
				Total Sub Head -III (Operation & Maintenance of Split ACs)	**91368.00**
				E&M work Total Rs.	**1,17,11,988.00**