

**SCHEDULE OF RATES (SOR) -  
PRICE BID ON ANNUAL MAINTENANCE CONTRACT (AMC) FOR ELECTRICAL MAINTENANCE JOBS  
TENDER NO. ISPRL/VSP/PR-08/17-18/ELECT-AMC/ T9 dated 13.02.2018**

Sl.No.	Item Description	Quantity in numbers	UOM	Frequency	Unit Rate, ₹	Cost,(₹)
		(A)	(B)	(C)	(D)	(E) = (A) x (C) x (D)
1	PM Checks of 33kV SF6 outdoor CB, isolator with earth switch,CVT , PT, insulator and lightning errestor.	1	SET	2		
2	PM Checks of Transformers rating above 2MVA upto and including 12.5 MVA	2	Each	2		
3	PM Checks of Transformers rating upto and including 2MVA	2	Each	2		
4	PM checks of Neutral Grounding resistor Panels rating upto and including 2MVA.	2	Each	1		
5	PM checks of Transformer bus duct of all rating and upto including 2MVA	2	Each	2		
6	Painting of transformers rating 2MVA above and including 12.5 MVA	2	Each	1		
7	Painting of transformers raing up to and including 2MVA	2	Each	1		
8	Painting of Cable Shafts & ducts at Pipe rack area and switch yard structural etc.	2000	Square meters	1		
9	Oil filtration of Transformers rating above 2MVA and including 12.5MVA	14500	Ltrs.	1		
10	Oil filtration of transformers rating upto and including 2 MVA	2300	Ltrs.	1		

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		(A)	(B)	(C)	(D)	(E) = (A) x (C) x (D)
11	Testing of Oil Samples (Before & After) for rating above 2MVA and upto and including 12.5MVA	4	Each	1		
12	Testing & Calibration of OTI & WTI transformers rating above 2MVA and including upto 12.5MVA	2	Each	1		
13	Testing & Calibration of OTI & WTI transformers rating upto 2MVA	2	Each	1		
14	Checking of 6.6kV, 1750KVAR Capacitor Banks	2	Each	4		
15	PM checking and servicing of 33kV HV Breakers	5	Each	2		
16	PM Check per section including line PT'S and bus PT'S	1	Each	2		
17	PM checking and servicing of 6.6kV MV Breakers	28	Each	2		
18	PM checking per section of MV sincluding line PT'S and Bus PT'S	3	Each	2		
19	PM checking and servicing of 415V LV Breakers	34	Each	2		
20	Hiring charges of Electrical. Supervisor for Inspection	90	Mandays	1		
21	Hiring charges of Helpers	250	Mandays	1		

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22	Manning the sub-station with One qualified person per shift to assist to oversee substation 24x7	12	Monthly	1		
23	Checking of Remote on-load Tap Changer control panels	2	Each	1		
24	Checking of Dry type Lighting Transformers rating upto 100KVA	4	Each	1		
25	Teasting & Calibration of Micom series Numerical relays	70	Each	1		
26	Testing & checking of electromechanical relays	144	Each	1		
27	Testing and checking of Battery Chargers 110V DC, 220V DC & 48V DC	3	Each	2		
28	PM checking of Cathodic Protection System For Mounded bullet and 42"pipe line	2	Manday	2		
29	Checking and testing of Earth pits and earthing material etc.	179	Each	1		
30	Checking and testing of 6.6kv MV motors at plant area including and upto 230kw	1	Each	2		

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		(A)	(B)	(C)	(D)	(E) = (A) x (C) x (D)
31	Checking and testing of 6.6kv MV motors at palnt area including and upto 520kw	3	Each	2		
32	Checking and testing of 6.6kv MV motors at palnt area including and upto 900kw	10	Each	2		
33	Checking and testing of 415volts LT motors rating upto 5 hp	100	Each	4		
34	Checking and testing of 415volts LT motors rating above 5HP and including up to 37KW	40	Each	4		
35	Checking of Lighting, emergency , critical lighting and PP Panles	53	Monthly	12		
36	Checking of field local control stations (LCP)	80	Each	4		
37	checking of FLP Bulk material JB's, fixtures, Receptable etc.	520	Each	2		
38	Checking of WP Bulk material lighting fixtures.	1300	Each	4		
39	Checking of street and area Lighting poles.	260	Each	2		
40	Hiring charges of hydra for checking of lighting poles	224	HOURLY	1		
<b>GRAND TOTAL IN FIGS (EXCLUDING TAXES)</b>						

**(The applicable taxes shall be paid as per the prevailing govt guidelines)**

**Legend: UOM: Unit of measure**

**GRAND TOTAL IN WORDS (excluding taxes):**