

TERMS AND CONDITIONS :

1. The work shall be executed strictly as per the schedule of work, CPWD specifications, relevant IS standards and direction of the Engineer-in-charge.
2. The contactor shall inspect the site and existing installations before quoting the rates. No claim due to ignorance of site conditions shall be entertained.
3. All required dismantling, servicing, over handing, cleaning, replacement, reasonably, testing and commissioning shall be carried out by the contactor as specified in the schedule.
4. Transformer oil shall be new, un used and approved quality, suitable for existing 500 KVA transformer. Required oil testing/ BDV testing shall be carried out and reports submitted.
5. All replaced materials/ components such as capacitor, APFC controller, indicating lamps, ammeter, voltmeter, silica gel, gasket etc shall be of approved quality and suitable rating.
6. OCB, ACB, IDMT relay and APFC panel shall be properly serviced, tested, calibrated and commissioned before being put into service.
7. All testing instruments shall have valid calibration certificates and shall be produced to the engineer-in-charge whenever required.
8. The work shall be carried out by qualified and experienced technical personnel. Observing all applicable electrical safety rules and precaution.
9. The contactor shall provide necessary PPE, safety equipments, tools and tackles for safe execution of the work.
10. All dismantled/ unserviceable materials shall be segregated, accounted for and deposited at the place directed by the engineer-in-charge. Buy-back shall be as per the schedule.
11. The contactor shall protect the existing electrical installations, equipment and building services during execution. Any damage due to negligence shall be made good at his own cost.
12. The quoted rates shall be inclusive of labour, materials, tools & plants, transportation, consumables, testing, commissioning and all incidental works required for satisfactory completion, unless otherwise specified.
13. The 25 KVA DG set shall be provide with necessary accessories, operator and allied arrangements as specified in the schedule.
14. No extra payments shall be admissible for minor incidental works, connections, hardware, cleaning, tightening, testing or other items necessary for satisfactory completion of the schedule work.

15. Measurement and payment shall be made as per actual work satisfactorily executed and accepted in accordance with the schedule and CPWD procedure.
16. Any defective work/ material shall be rectified as replaced by the contactor at his own cost to the satisfaction of the engineer-in-charge.
17. The contactor shall complete the work within the stipulated completion period and coordinate shut downs so as to minimize interruption of essential electrical services.
18. In completion, the installation shall be tested, commissioned and handed over in safe and satisfactory working condition, along with required test reports and certificates.

MAKE LIST

1.	Transformer oil, 335	APAR/ Savita/ Gandhar/ Power oil
2.	Transformer Gasket	Klinger/ Champion/ Fener
3.	HT/ Lt Bushing	ABB/ BHEL/ CG Power
4.	Silica gel	Clariant/ Sisco/ Qualigens/ Sor berd
5.	CRC	CRC industries/ 3 M/ WD- 40 Specialist
6.	Petroleum jelly	Vaseline/ hindusthan petroleum/ Indian oil/ bhart petroleum.
7.	Heavy duty capacitor	L & T (LK)/ EPCOS/ Sehnider
8.	Smart APFC controller	LK/ epcos/ Schnider/ Siemens.
9.	LED indicating lamp	LK/ Schnider/ Siemens.
10.	3 ph Ammeter/ 3 ph voltmeter	LK/ AE/ C & S.
11.	Digital multification meter	Secura/ LK/ Schneider electric.
12.	CT- Current transformer	Kappa/ prayas/ AE.
13.	PT- Voltage transformer	Kappa/ prayas/ TELK.
14.	HT HRC FUSE	Bussman/ GE/ Schnider electric.
15.	LT HRC FUSE	LK/ Siemens/ Schnider electric
16.	ACB	LK/ Schnider electric/ LEGRAND
17.	MCCB	LK/ Schnider electric/ LEGRAND
18.	MCB	LK/ Schnider electric/ LEGRAND
19.	SFU	LK/ Schnider electric/ LEGRAND
20.	Contactora	LK/ Schnider electric/ LEGRAND
21.	Thermal over load relay	LK/ Schnider electric/ LEGRAND
22.	Control relay	LK/ Schnider electric/ LEGRAND
23.	Relay	Schneider electric/ Siemens/ Omron.
24.	Auxiliary contact block	Schnider/ LK/ Siemens
25.	Push button	LK/ Siemens/ Schnider
26.	Selector switch	LK/ Siemens/ Schnider
27.	Cable Gland Brass	Commet/ Dowells/ Jainsons.
28.	Cable Lugs	Dowells/ Jainson/ Commet
29.	XLPE Power cable	Poly cab/ KEI/ RR Kabel/ Gloster.
30.	FRLS Copper wire	Poly cab/ KEI/ RR Kabel/ Gloster.
31.	PVC insulation tape	3M/ Anchor/ Polycab
32.	Heat shrinkable cable termination kit	Raychem/ 3M/ TE connectivity
33.	Transformer breather	EMCO/ Prayas/ reputed BIS approved manufacturer.
34.	Transformer conservator accesories	EMCO/ Prayas/ TELK.
35.	Transformer Temperature Indicator	Qualitrol/ WIKA/ AKM/ EMCO.
36.	Transformer oil level indicator	Qualitrol/ WIKA/ AKM/ EMCO.
37.	Buchholz Relay	Qualihot/ C & S/ Comens.
38.	Oil Temperature	Qualitrol/ WIKA/ AKM.