

Abstract

me of work:- Servicing of 50 KVA DG set ,maintenance of Service gate and supply of material for maintenance of VT Pumps and allied equipments at Kotgal Lift Irrigation Scheme.Dist- Gadchiroli.

Sr.No.	Description	Qty	Unit	Unit rate	Amount
1	Carrying out servicing of DG set upto 50 kVA with/without AMF panel of any make to ensure smooth running of DG set for 30 mins on load. Checking for abnormal sound and leakages, carry out visual inspection of all moving parts, oil levels, oil filters, fuel filters, air filters and clean them properly, rectify the minor	1	Each	2586.1	2586.10
2	Topping up new lubricating oil 15W/40 grade of approved make as per IS 13656 : 2014	10	Liter	476.3	4763.00
3	Topping up new glycol based coolant 50/50 with operating range from 118°C to - 37°C of approved make	3	Liter	369.6	1108.80
4	Supplying and erecting V-Belt of all types and lengths, adjust tension as per requirements from generator manufacturer suitable for DG set upto 100kVA	1	Each	3102	3102.00
5	Supplying and erecting lub oil filter element along with sealing rings, gasket etc complete suitable for DG Set upto 62.5 kVA.	1	Each	1476.2	1476.20
6	Supplying and erecting fuel filter along with sealing rings, gasket, primary filter and water separator etc complete suitable for DG Set upto 50 kVA.	1	Each	1320	1320.00
7	Supplying and erecting stop solenoid assembly 12V/24V single coil energized to run with or without primary etc complete suitable for DG set upto 125 kVA.	1	Each	6513.1	6513.10
8	Supplying and erecting Air cleaner/Air filter element suitable for DG set from 50 kVA to 125 kVA	1	Each	5501.1	5501.10
9	Supplying and erecting set of engine safety unit suitable for DG set upto 125 kVA as per specification no	1	Each	19533.8	19533.80
10	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 50 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	100	meter	449.9	44990.00
11	Supplying & erecting 12 V 100 Ah heavy duty-plate type Battery with terminal wire duly charged complete suitable for DG set with warrantee for 3 years	1	Each	11237.6	11237.60
12	Supplying Diesel for trial and Test of DG set	200	Liter	92.68	18536.00
13	Providing & applying Liquid epoxy coating system to the external surface of Trash Rack,Service Gate, Hoist and hand railing	160	sqmtr	805.32	128851.20
14	Greasing, and repairing Trash rack,service Gate and hoist	1	Job	6970.5	6970.50
15	Supplying of the material for maintenance of forced water lubricated type Vertical Turbine Pump with allied equipment at @Kotgal Site	1	Job	12892.2	12892.20
16	Transportation (Chandrapur To Gadchiroli-100 Km)	400	km	17.00	6800.00
Total					276181.60
Total, Rs..					276181.60
Add 1 % WCC, Rs..					2761.82
Add 1 % Insurance, Rs..					2761.82
Total, Rs..					281705.23
Add 18 % GST					50706.94
Total, Rs..					332412.17
Say ,Rs..					332412

(Amount In words: Rupees Three Lakh Thirty two Thousand Four Hundred Twelve Only)

Estimate prepared by me

Sanctioned Estimate No. 930 Year 22-23 Dt. 20/03/23

Amount Rs. 332412 in Words, Three Lacs

P.S.Thakare

Assistant Engineer-II

Deputy Engineer

Lift Irrigation Mechanical Sub Dn No.3

Chandrapur.

Executive Engineer
Mechanical Lift Irrigation Dn No. 2
Chandrapur

