

**SCHEDULE**

Installation of 100KVA DG set at the premises of M/s Koyikkal palace Museum, Nedumangad, Trivandrum Dist.

sl.no	Description	Unit	Rate (in Rs.)	Quantity	Amount
I a	Supply Installation, testing and commissioning of 100 KVA Diesel generator making available at site complete with all necessary accessories (mechanical erection)	No	900,000.00	1	900,000.00
b	Charges for insulating silencer with mineral/glass wool and aluminium cladding	No	9,656.00		9,656.00
c	S&I of exhaust piping complete with thermal insulation with mineral wool and A1 cladding .MS pipe of suitable dia, heavy duty bend, flexible connector and supports.				
I	100mm	m	3,550.00	5	17,750.00
ii	125mm	m	3,692.00	5	18,460.00
2	<b>PIPE/ROD EARTHING</b>				
a	Supply and providing earth electrode made of high tensile low carbon steel circular rods molecularly bonded copper on out surface to confirm with requirements of UL-467/2007 Electrode shall be 25mm diameter, 2mtr length and minimum copper bonding thickness of 250 microns	No	9940	3	29,820.00
b	Supply and providing the following sizes of cast iron gully trap with covering at the top of the inspection chamber of earth pit as required 300x300x10mm	No	5,538.00	3	16,614.00
c	Supply and providing test joint for the earthing system using 2 Nos of the following sizes of strips including cutting and bending to shape, drilling necessary holes and fixed for the watering pipe etc as required. 2x50x6mm G1 strip	No	710	3	2130
d	Supply and laying the following sizes of strips laid 0.60 m below ground level including excavating trench of suitable size and refilling etc. as required. 25x3mm Cu	m	972.7	35	34,044.50
e	Supply and laying the following sizes of strips laid 0.60 m below ground level including excavating trench of suitable size and refilling etc. as required. 25x6 mm G1 strip	m	404.7	50	20,235.00
f	Supplying and laying the following X.L.P.E insulated 1.1KV grade Aluminium conductor cable conforming IS:1554 (Part-I) in cable tray/wall using factory made heavy gauge GI/painted MS clamp not exceeding 60cms making good the damages, colour washing etc. as required as per specifications.				
a	2x3.5 core 120 sq mm AI Arm. XLPE	m	1039.4	3	3,118.20
	<b>Total</b>				<b>1,051,827.70</b>
1	I agree to execute the work at Estimate rate				
2	.....% below estimate rate				
3	.....% above estimate rate				
	Contractor	Executive Director			