

BILL OF QUANTITY (BOQ)

SNO	SCOPE OF WORK	QTY	UNIT	RATE	AMOUNT
1	Providing, installation, Testing & Commissioning of Diesel Engine driven Generator Set 910 KVA (Open set) 3 Phase 400 Volts 50 Hz, 1500 RPM Complete with exhaust silencer & radiator ducting	1	no	49,540,000.00	49,540,000.00
2	Supply and installation of 2000ltr Floor standing fuel tank suitable for 8hrs of operation (3mm sheet, gravity filled with max 30ft of fuel piping)	1	no	575,000.00	575,000.00
3	Supply and installation of 1600A, 3P Morotized ACB synchronization panel.	1	no	3,277,500.00	3,277,500.00
4	Supply, laying, installation & termination, testing & commissioning of 300 sq.mm single core PVC/PVC, insulated cables, 600/1000 V grade power cables .	400	mtr	15,600.00	6,240,000.00
5	Supply, laying, installation, testing and termination of 95 sqmm single core PVC insulated earth cable for neutral and body grounding	200	mtr	4,700.00	940,000.00
6	Supply, laying, testing, commissioning, and termination of 1.5 sqmm 3-core PVC/PVC shielded insulated Control cable	500	mtr	500.00	250,000.00
7	Supply, installation placement & testing of Located fabricated anti vibration Spring isolators model matching with the weight of the Generator in confirmation with the Code Vibration Isolation required 90 ~ 98 %.	1	job	442,500.00	442,500.00
8	Supply, Installation, testing and commissioning of Earth Electrodes (Rod Type) for Earthing System with 25mm dia 3 meters (10feet) long driven Pure copper Solid rod, pure copper busbar 50 mm (width) x 6 mm (thickness). complete with clamps lugs, washer/bolts, connected with 1x70mmsq bare copper 50mm dia G.I pipe/UPVC pipe class 'D/E' up to Earth chamber, job includes copper conductor to earth electrode rod at one end and provision/fixing of cable lugs at other end, including all accessories and RCC inspection chamber, heavy duty G.I. Cover having earth symbol, etc as per the specifications and drawings and to the entire satisfaction and approval of the IBA Engineer. Minimum depth of the earth pit should be 80ft, Earthing result should be less than 1 Ohm for AC/DC/LA	2	job	336,500.00	673,000.00
9	Load bank testing & commissioning of the above DGSET at site on client provided consumables	1	job	250,000.00	250,000.00
10	Transportation of DGsets upto site and unloading on ground	1	job	100,000.00	100,000.00

TOTAL (Inclusive of GST)

62,288,000.00

ADDITIONAL ITEM

SNO	SCOPE OF WORK	QTY	UNIT	RATE	AMOUNT
1	SLA for 1 Years without any consumables.	1	no	350,000.00	350,000.00

