

Owner: GODAWARI MUNICIPALITY ,

Sudurpashchim Pardesh, Attariya ,Kailali.

Name of Work: Diesel Generator Set 40 KVA 3 Phase

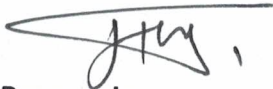
Quantity : One



Technical Specification for Diesel Generator Set 40 KVA 3 Phase

S.N.	Criteria	Required Specification	Offred Specification
1.	General	Diesel Generator Set 40 KVA 3 Phase with Installation at site (Including Power Cable of 15m length, Change over switch, Earthing materials with Chemical & Service Charge for earthing work all complete as per specification & Instruction of Engineer) . Supply & Installation of generator set is equipped with Compact acoustic (CANOPY) type fuel efficient diesel engine with low vibration, having inbuilt AVR facility, Standard Panel & controller with LCD/LED Screen.	
2.	Engine	4 Stroke, Water cooled, diesel Engine developing maximum rated output power not less than 50 HP (Engine fully equipped with accessories) at the governed speed for full load operation. Shall be equipped with direct electric starting system with battery.	
3.	Power Rating Tange KVA & Phase	Minimum 40 KVA & 3 Phase	
4.	Power Factor	Minimum 0.8 lagging	
5.	Rated Voltage	415 V	
6.	Rated Frequency / Engine Speed	50 Hz / 1500 rpm	
7.	Noise Level	Less than 75 dBA	
8.	Lube Oil Change	Minimum 500 hours	
9.	Fuel Tank Capacity	Minimum 80 ltrs	
10.	Starting system	12 V , DC Electrical	
11.	Cooling system	Air cooled	
12.	Warranty	A minimum of 1 year warranty after acceptance	

13.	Manuals	One copy of owners Instructions & maintenance manual in English shall be supplied.	
14.	Essentials Accessories	All Earthing Materials, Change over switch suitable to operate 40KVA DG. Accessories & Suitable Power Cables of 15m length required for installation of DG at site.	
15.	Paint	Standard Colour	
17.	Instructions	All signs & instructions in the equipment shall be in English.	
18.	Delivery	The genetacr set shall be delivered to Godawari Municipality Attariya - kailali, Sudurpashchim Province - Nepal.	



Prepare by:
Hikmat Adhikari
Mechanical Sub-Engineer



Verified by:
Er. Purna Kunwar
Engineer



Approved By:
Dharma Raj Binadi
Chief Administrative Officer

