



गैडहवा गाउँपालिका
Gaidahawa Rural Municipality

गाउँकार्यपालिकाको कार्यालय
Office of the Rural Municipal Executive

Gaidahawa-3, Rupandehi

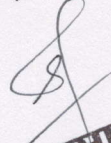
लुम्बिनी प्रदेश, नेपाल
Lumbini Province, Nepal

मिति २०८१।०२।०९

शिलवन्दी प्रस्ताव आह्वान सम्बन्धी सूचना ।।

प्रथम पटक प्रकाशित मिति २०८१।०२।१० गते

यस कार्यालयबाट आ व ०८०।०८१ मा कोल्ड स्टोर संचालन प्रयोजनको लागि जेनेरेटर खरिद कार्य सार्वजनिक खरिद ऐन २०६३को दफा ८ तथा सार्वजनिक खरिद नियमावली २०६४को नियम ३१ ख को अधिनमा रहि शिलवन्दी प्रस्ताव आह्वान गरी क्याटलग सपिङ्ग विधिबाट खरिद कार्य गर्नुपर्ने भएकोले इच्छुक मालसामान उत्पादक वा त्यसको आधिकारिक विक्रेताहरुले यो सूचना प्रकाशन भएको मितिले ७ सात दिन भित्र मालसामानको आधिकारिक स्पेशिफिकेशन गुणस्तर मूल्य र सुविधा सहितको विवरण (क्याटलग वा ब्रोसर) साथ फर्म दर्ताको प्रमाणपत्र स्थायी लेखा नम्बर मूल्य अभिवृद्धि कर दर्ताको प्रमाणपत्र कर चुक्ता प्रमाणपत्र तथा आवश्यकता अनुसारको लागि यो सूचना प्रकाशित गरिएको छ र जेनेरेटरको स्पेशिफिकेशन यस गाउँपालिकाको वेबसाइट www.gaidahawamun.gov.np बाट प्राप्त गर्न सकिने व्यहोरा अनुरोध छ ।


श्रीप्रसाद गौतम
प्रमुख प्रशासकीय अधिकृत



Technical Specification

Diesel Generator (100 kVA, 3-Phase) Qty-1 unit.

Office: गैडहवा गाँउपालिका, गाँउपालिकाको कार्यालय बिसनपुरा-रुपन्देही, लुम्बिनी प्रदेश नेपाल.

Ref. letter no. pa. san. 080/081, Cha. No.1866, Date 2081/01/09 Bs.

श्रीप्रसाद गौतम
मुख्य प्रशासकीय अधिकृत

S.N.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1. GENERAL For DG SET			
A.	1.1 Standard	ISO Certified	Make: Model: Year of Mfg.: Country of Origin:
	1.2 Feature	Silent	
	1.3 Fuel Tank Capacity	Minimum 120 Ltrs	
	1.4 Overall Dimension(L*B*H)mm		
	Length(L)	3150-3500 mm	
	Breadth(B)	1150-1350 mm	
	Height(H)	1450-1850 mm	
1.5 Gross Weight(kg)	In the range 1800-2150 kg.		
1.6 Power factor	0.8PF		
2. ENGINE			
B.	2.1 Power Output(gross BHP)	Minimum 80 KW (128 BHP)	Make: Model: Year of Mfg.: Country of Origin:
	2.2 Starting System	Electric starting system	
	2.3 Fuel	Diesel	
	2.4 Rated RPM	Minimum 1500	
	2.5 Cooling System	Water cooled	
	2.6 No. of Cylinder	4cylinder/6Cylinder	
	2.7 Battery	12 V	
3. ALTERNATOR			
C.	3.1 Power Output	Not less than 100 KVA	Make: Model: Country of Origin:
	3.2 Type	three phase	
	3.3 Voltage	415 V \pm 5%	
	3.4 Frequency(Hz)	50Hz	
	3.5 Insulation Class	Class 'H'	
	3.6 Alternator Protection	Generator (alternator) shall be protected against over current (MCB).	
4. Control Panal			
D.	Control	ATS(Autometric Transfer Switch) Control Panel Should be Provided	Make: Model: Country of Origin:
	Protection	Battery charging failure, over and under speed, over and under voltage, over current, short circuit, over load, low lube oil pressure, high engine temp, fail to start / stop.	
	Display	Voltage, current, frequency, KW, KVA, KVAR, power factor, running hour, engine temperature, lube oil pressure, alarms (high voltage, high temperature, over load, low oil pressure.	
	Over load capacity	5 % over load for 1 hour once in 12 hours	
	Battery Capacity	Shall be sufficient for minimum 6 consecutive cranking.	

Signature
Mechanical Engineer



श्रीप्रसाद गौतम
प्रमुख परामर्शीय अधिकृत

E. Product Catalog	Technical brochure , mechanical drawing , single line circuit diagram , service manual, operational manual shall be provided along with the bid.
F. Gauges & Indicators	To include necessary gauges and indicators necessary for efficient Operation & Maintenance.
G. Essential Accessories	Equipped with all accessories offered in standard model although not mentioned in the required specification.
H. Installation and testing	The supplier is fully responsible for the installation of supplied generator set in the purchaser's office premises at suitable location mutually agreed upon at own cost that includes all civil works, insulation material, earthing cable of required length, change over switch and all other required accessories, cost to be borne by A commissioning function test of the generator at full load will be carried out before handover after its installation in the office premises. The generator is required to operate for at least 3 hours. All the cost incurred for function cost shall be incurred by supplier.
I. Emission Standard	The Emission Standard of the Genet must be in compliance with or superior then the applicable standard prescribed by Nepal vehicle Mass Emission Standard, which is to be certified by Department of Transport Management, Nepal.
J. Manuals	One Hard Copy in English of the Operator's/Owner's instructions, maintenance manual shall be provided
K. Spare Parts	Bidder Shall provide list of essential spare parts along with the bid and also furnish self declaration guarantee supply of the spares for minimum 5 years.
L. Tools	A set of tools as required for general maintenance shall be supplied.
M. Color	Standard
N. Service Time	Duration between the two regular maintenance (i.e mainly the change of the lubrication oil, Filters) shall be at least 500 hours or more than 6
O Initial Service	Supplier shall provide necessary filters, Spare parts & Lubricant for first servicing.
P Instructions	All signs & Instructions in Equipment shall be in English Language
Q Warranty	Manufacturer shall provide minimum 1 years warranty from date of acceptance.

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Mechanical Engineer



R Delivery

The Diesel Generator 100 KVA 1(One) Unit shall be delivered and installed with all necessary accessories to:
सिन्धुली नगरपालिका विसानपुरा-रुपन्देही, लुम्बिनी प्रदेश नेपाल

श्रीप्रसाद गौतम
प्रमुख प्रशासकीय अधिकारी

Note: The major items indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of those major items will result in non-responsiveness of the bid offered. Bidder's

Prepared By

Gupta Bdr, Pun Shiva Kumar Pungent
Sr. Opr(Mech) Mechanical Engineer
Signature: Signature:

Mechanical Engineer

