



शुक्लागण्डकी नगरपालिका नगर कार्यपालिकाको कार्यालय



गण्डकी प्रदेश, नेपाल

पत्र संख्या : २०८२/०८३

चलानी नं. :

मिति : २०८३/०१/२८

जो जस सँग सम्बन्धित छ ।

यस शुक्लागण्डकी नगरपालिका वार्ड नं १ अन्तर्गत पैतुखोला खानेपानी र सिम्ले मूलधारा खानेपानी योजनाको लागि तपसिल बमोजिमको सामग्री खरिद गर्नुपर्ने भएको हुदाँ रितपुर्वका इच्छुक फर्म/ कम्पनी/सप्लायर्सले तपसिल बमोजिमको BOQ मा दररेट भरि तपसिल बमोजिमका कागजातहरु संलग्न गरी सुचना प्रकाशन भएको मितिले सात(७) दिनभित्र कार्यालय समयमा munshuklagandaki@gmail.com मा ईमेल गर्नुहुन अथवा सक्कलै कागजात खामबन्दी गरी पेश गर्नुहुन अनुरोध छ । साथै कार्यालय समय पश्चात प्राप्त भएका दरभाउपत्र उपर कुनै कारवाही नहुने व्यहोरा समेत सुचित गरिन्छ ।

संलग्न गर्नुपर्ने कागजातहरु:

- १.स्थायी लेखा नं.प्रमाणपत्रको प्रतिलिपि
- २.आ.ब २०८२/०८३ को करचुक्ता पत्रको प्रतिलिपि
- ३.दररेट पेश गरेको निवेदन ।

शिशिर पौडेल

प्रमुख प्रशासकीय अधिकृत

प्रमुख प्रशासकीय अधिकृत

Shukla Gandaki Municipality
Dulegaunda, Tanahun
Gandaki Province

Bill of Quantity(BOQ)

S.N	Description of Item	Quantity	Rate in Figure	Rate in words	Remarks
1	Supply,Delivery,Installation,Testing and Commissioning of Solar Compatible Submersible Water Pump	2 (Two)			
		Sub-Total			
		Vat @ 13%			
		Grand Total			

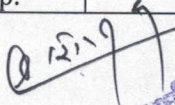
Technical Specification for Solar Powered Water Pump

S.N o.	CRITERIA	REQUIREMENT	Offered Specification
1	Water Pump	<ul style="list-style-type: none"> ➤ Supply, delivery, installation, testing, and commissioning of a solar-compatible submersible water pump system suitable for rural area in Nepal ➤ Type: Submersible Bore hole Pump ➤ Motor Type: Brushless Permanent magnet ➤ Material: Stainless Steel ➤ Pump must have IP68 enclosure ➤ Power Source: Solar Photo Voltaic ➤ Input Voltage: DC: 30-320V, AC: 90-240V ➤ Rated Current: 8-10 A ➤ Rated Power: Not less than 2HP ➤ RPM: Not less than 3000rpm ➤ Head: not less than 100 meters ➤ Minimum required efficiency of pump-motor unit shall be 55% ➤ Operating Mode: Continuous Daytime Operation ➤ Daily Discharge: Not less than 8000 liters per day ➤ Discharge Outlet: Not more than 120mm ➤ Weight: Not more than 15kg ➤ Protection: Dry Run protection, Overload Protection, Over/under voltage protection, Over-temperature protection ➤ Controller: Built-in Controller with MPPT, Automatic start/stop based on solar radiation, soft start 	



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S.N o.	CRITERIA	REQUIREMENT	Offered Specification
		<ul style="list-style-type: none"> ➤ Start Method: Direct Online ➤ Non-return valve must be integrated ➤ Should have built in sand shield ➤ Cable: Submersible copper cable with waterproof insulation ➤ Must meet ISO pump testing standards ➤ Must meet IEC standards(motor and electrical safety) ➤ Must comply with AEPC/ Nepal renewable energy guidelines ➤ On-site testing: Flowrate measurement, head verification, electrical parameter testing ➤ Must provide: manufacturer datasheet, pump performance curves(Q-H), electrical specifications, Installation manual ➤ Supplier must provide necessary accessories for installation of the pump (note: piping system already available, might need minor wiring changes) ➤ The supplier must provide warranty of at least 1 years. ➤ The supplier must have authorized service center for the supplied pump. 	


 प्रमुख प्रशासकीय अधिकृत