



बोदेबर्साइन नगरपालिका नगर कार्यपालिकाको कार्यालय

बोदेबर्साइन सातरी

महेश पुरेवा, नवल

पत्र संख्या :- २०८२/०८३

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सूचना !

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आ.व. २०८२/०८३ को लागि Engineering tools & Equipments को दररेट

उपलब्ध गराउने सम्बन्धी सूचना

प्रथम पटक प्रकाशित मिति: २०८२/०८/१४

प्रस्तुत विषयमा यस नगरपालिकाबाट आ.व. २०८२/०८३ को लागि तपसिलमा उल्लेखित प्राविधिक शाखाको लागि आवश्यक **Engineering tools & Equipments** यसै साथ संलग्न स्पेसिफिकेन बमोजिम सामानहरूको लागत अनुमान प्रयोजनको लागि दररेट आवश्यक भएकोले यो सूचना प्रकाशित मितिले ७ (सात) दिन भित्र सम्पूर्ण इजाजतपत्र प्राप्त फर्म/संस्था/सप्लायर्सहरूले प्रति एकाई दररेट खुलाई यस कार्यालयको जिन्सी शाखामा पेश गर्नुहुन यो सूचना प्रकाशित गरिएको छ ।

क्र.स.	सामग्रीको नाम	एकाई	दररेट (रु.)	कैफियत
1	Total Station	set		
2	Single Prism Set	set		
3	Rebar Scanner Machine	set		
4	Digital Rebound Hammer Test Apparatus	set		
5	Laser Distance Meter	set		
6	Cube Mould	set		
7	Levelling Staves	set		
8	Thermometer IR Digital (For Asphalt)	set		
9	Caliper Digital	set		
10	Water leakage detector	set		
11	portable Laser Level machine	set		

महत्वपूर्ण नोटहरू:

- स्पेसिफिकेशन बमोजिमको दररेट उपलब्ध गराउनुपर्ने छ ।
- आ.व. २०८०/८१ सम्म फर्मको करचुका भएको हुनुपर्ने छ ।
- प्यानमा उल्लेख गरिएको कारोबारको आधारमा यस सूचनामा मिल्ने शिर्षकको दररेट मात्र पेश गर्नुपर्ने छ ।
- मु.अ.कर बाहेक दररेट उपलब्ध गराउनु पर्नेछ ।
- यस सूचना तालिकामा उल्लेख भए अनुसार सामानहरूको दररेट उल्लेख गरेर फर्मको छाप तथा हस्ताक्षर सहित कर चुका प्रमाणपत्र (आ.व. २०८०/८१ को), प्यान दर्ता प्रमाणपत्र तथा अन्य कागजातहरू सहित यस कार्यालयमा पेश गर्नु पर्नेछ ।

दिनेश ठाकुर

नि. प्रमुख प्रशासकीय अधिकृत

नि.प्रमुख प्रशासकीय अधिकृत



बोदेबरसाइन नगरपालिका
नगर कार्यपालिकाको कार्यालय
बोदेबरसाइन, सप्तरी

Specification for Engineering Tools & Equipments

क्र.सं.	काम/सेवाको विवरण	specification	Remarks
	आइटम		
1	Total Station	Total Station: Reflecterless total station with a 30x magnification telescope, an accuracy of 2", and a prism measurement range of 4,000m. The device includes a 192 x 80 pixel backlit LCD display, an alphanumeric keyboard, and operates for up to 14 hours on a single charge.	
		Angle measurement	
		Accuracy: 2 arc seconds	
		Minimum display: 1" or 5"	
		Compensator: Dual-axis liquid tilt sensor with a working range of $\pm 6'$	
		Collimation compensation: On/Off (selectable)	
		Distance measurement	
		Prism range: Min 1.3m to 4,000m	
		Prism accuracy: (1.5+2ppm*D) mm or better	
		Reflectorless range: Up to 500m	

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		Measuring time: Fine: 0.9 sec; Rapid: 0.6 sec; Tracking: 0.4 sec
		Communications
		Bluetooth Class 1.5 (up to 10m operating range)
		Serial RS-232C
		USB 2.0 (Host for flash memory)
		Accessories: Standard with Box, Battery Charger, Battery & Aluminium Tripod and all required accessories
2	Single Prism Set	Single Prism Set: Prism Pole, Prism Tripod, Prism Set
3	Rebar Scanner Machine	Rebar Scanner Machine
		Protective Thickness Range (mm): $\phi 6$ - $\phi 50$
		Measuring Range (mm): First 1-90 & Second 5-185
		Max. Allowed Error Protective Thickness Range (mm): ± 1 (1-70), ± 2 (60-100), ± 4 (80-185)
		Diameter Measuring Accuracy: ± 1 or better
		Scanning Mode: Thickness Mode (Protective Layer Thickness, Spacing, Diameter), JGJ Detection
		JGJ Testing: Achieve Single point 1-6 Measurement, Automatically Calculate the Average
		Data Transmission: USB
		Display Resolution: 2.8" High Resolution Screen (320*240pixels)
		Power Supply: Built-in High Capacity Li-ion Battery
		Rebound Hammer Test Apparatus Digital
		Measuring Range: 10-70MPa
		Impact Energy: 2.207 $\pm$ 0.1J
		Length of Pointer: 20.0 $\pm$ 0.2mm
		Battery Power: 3.7V lithium battery, 3200 mAh


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4	Rebound Hammer Test Apparatus Digital	Stiffness of Bounce Tension Spring: 785.0+-30.0 N/m
		Impact Length of Bounce Hammer: 75+-0.3mm
		Fixed value of Steel Anvil: 80+-2
		Working environment :-
		Memory storage: 1000 standard components
		Complete with Main Unit, Milestone, Spring, Small screw, Screen size: 2.8" OLED screen 256*64 (dot matrix)
5	Digital Laser Distance Meter	Laser Distance Meter: Measuring Range 0.05m to 100m Measuring Units m, in, ft, Measuring Accuracy ± 1.5 mm
6	Cube Mould	Cube Mould: 150mm x 150mm x 150mm + 8 kg Cast Iron
7	Levelling Staves	Levelling Staves: 5m-5Section Aluminium
8	Thermometer IR Digital (For Asphalt)	Thermometer IR Digital (For Asphalt): -50° C to 350° C
9	Caliper Digital	Caliper Digital: 0-300mm, +- 0.03mm Accuracy, 0.01mm Resolution
10	Water leakage detector	Maximum detection depth : 200mm
		Detectable object:- Magnetic and non magnetic metals, live and non live cables, water filled and empty plastic pipes , wooden sub structure cavities
		Specific detection depths: Dry concrete : upto 200mm, Early age concrete : upto 60mm, Other wall types (e.g., brick) upto 80mm,Accuracy: +-5mm, Additional function leakage detection and distance measurement)
		Portable level greenness 360 level /16 lines 4D laser with sprit level Tripod laser , Green lines self levelling beamprofessional laser 16 lines 4D laser level with tripod green lines self levelling 360 horizontal green beam professional laser level 1.5m tripod level machine, Battery, Battery Adapter, Rotating Base, Wall mounted Bracket, iron Board, Lifting platform, Remote Controller, 1/4 inch to 5/8 inch Adapter . Carrying Bag, Plug Conversion, 1.5 tripod Wall to ground integrated laser level instrument

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11 | portable Laser Level machine

Accuracy : $\pm 0.5\text{mm/m}$
Technical parameters, 532Nm laser
Laser wave length 635/510nm
Working environment Indoor & Outdoor
Amoing range: $\pm 3\text{deg}$
Operating temperature: -10C to $+45\text{C}$
Shell protection : ip54 waterproof and dustproof


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