



बुढानीलकण्ठ नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
गोल्फुटार, काठमाण्डौ, ३ नं. प्रदेश, नेपाल

नयाँ पत्रिका  
२०७६/१२/१५

**क्याटलग/ब्रोसर सपिङ्ग विधिवाट वारुणयन्त्र (दमकल) खरिद सम्बन्धी  
सिलबन्दी प्रस्ताव आह्वानको सूचना**

(प्रथम पटक प्रकाशित मिति २०७६/०२/१५)

यस कार्यालयका लागि आवश्यक वारुणयन्त्र (दमकल) १ (एक) गोटाको खरिद प्रक्रिया अगाडी बढाउनको लागि सार्वजनिक खरिद ऐन, २०६३ (पहिलो संशोधन, २०७३ सहित) को दफा ८ को उपदफा (१) खण्ड (क) को देहाय (८) तथा सार्वजनिक खरिद नियमावली, २०६४ (चौथो संशोधन सहित) को नियम ३१ख. बमोजिम उत्पादक कम्पनी वा सो को नेपालका लागि अधिकारिक विक्रेताहरू बीच मात्र प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिवाट खरिद गर्नुपर्ने भएकोले सार्वजनिक खरिद नियमावली २०६४ को नियम ३१ख. को उपनियम (२) अनुसार इच्छुक ईजाजत प्राप्त उत्पादक वा अधिकृत/अधिकारीक विक्रेताहरूले वारुणयन्त्र (दमकल) बिक्रि गर्न नेपाल सरकारको सम्बन्धित निकायवाट प्राप्त भएको अनुमतिपत्र, सो को अध्यावधिक नवीकरण भएको पत्र, स्थायी लेखानम्बर (PAN) तथा मूल्य अभिवृद्धि कर दर्ता प्रमाण पत्र, आ.व. २०७४ / ७५ सम्मको कर चुक्ता गरेको वा कर/आय विवरण पेश गरेको प्रमाणित कागजात, तत् तत् वारुणयन्त्र (दमकल) सफ्लाई गरेको हाल सम्मको विस्तृत विवरण, सम्बन्धित कार्य अनुभवको प्रमाण पत्रसहितका कागजात समावेश गरी अधिकारिक स्पेशिफिकेशन, गुणस्तर र कम्पनीको अधिकारिक मूल्य खुल्ने कागजात (क्याटलग वा ब्रोसर) संलग्न गरी सिलबन्दी सहितको प्रस्ताव मिति २०७६/०२/२२ भित्र यस कार्यालय मा दिनको १२ वजे भित्र दर्ता गराउन सकिने तथा दर्ता गरिएको सिलबन्दी प्रस्तावहरू सोहि दिनको २:०० वजे खोलिने जानकारीको लागि यो सूचना प्रकाशन गरिएको छ ।

यस सम्बन्धी अन्य जानकारी आवश्यक भएमा कार्यालयको वेबसाइट [www.budhanilkanthamun.gov.np](http://www.budhanilkanthamun.gov.np) तथा सोभै कार्यालयमा सम्पर्क गर्न सकिनेछ ।

क्र.सं.	सामानको विवरण	संख्या	स्पेशिफिकेशन	कैफियत
१	वारुणयन्त्र (दमकल) (Fire Fighting Vehicle)	१ (एक)	<ul style="list-style-type: none"><li>Water tender capacity : not less than 4000 litres (4000 to 4500 litres)</li><li>Gross Vehicle Weight (GVW) : not less than 13000 kg</li><li>Power output at governed RPM : not less than 120 HP; Torque output at governed RPM : not less than 400 Nm</li><li>Foam tank capacity : 500 litres</li><li>Ground clearance : minimum 210 mm</li><li>Transmission: Manual shift, at least 5 forward and 1 reverse all forward synchromesh</li><li>Steering : Power assisted/ Power steering</li></ul>	संछिप्त विवरणमा उल्लेख नभएका विषयहरू Technical Specification बमोजिम हुनेछ ।

प्रमुख प्रशासकीय अधिकृत



बूढानीलकण्ठ नगरपालिका  
नगर कार्यपालिकाको कार्यालय  
गोल्फुटार, काठमाडौं  
३ नं प्रदेश, नेपाल

**क्याटलग/ब्रोसर सपिङ्ग विधिबाट वारुणयन्त्र (दमकल) खरिद सम्बन्धी सिलबन्दी प्रस्ताव आव्हानको सूचना**

(प्रथम पटक प्रकाशित मिति २०७६/०२/१५)

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१. यस कार्यालयबाट स्वीकृत वारुणयन्त्र (दमकल) को विस्तृत प्राविधिक स्पेशिफिकेशन यस कार्यालयबाट निःशुल्क प्राप्त गर्न सकिनेछ ।
२. उक्त कागजात लिनका लागि इच्छुक उत्पादक कम्पनी वा सो को नेपालका लागि अधिकारिक विक्रेताले उक्त वारुणयन्त्र (दमकल) विक्रि गर्न नेपाल सरकारको सम्बन्धित निकायबाट प्राप्त भएको अनुमतिपत्र, सो को अध्यावधिक नवीकरण भएको पत्र, स्थायी लेखा नम्बर (PAN) तथा मूल्य अभिवृद्धि कर दर्ता प्रमाण पत्र, आ.व. २०७४/७५ सम्मको कर चुक्ता गरेको वा कर/आय विवरण पेश गरेको प्रमाणित कागजात, तत् तत् वारुणयन्त्र (दमकल) सप्लाई गरेको हाल सम्मको विस्तृत विवरण, सम्बन्धित कार्य अनुभवको प्रमाण पत्र सहितका कागजात सहित सिलबन्दी गरी मिति २०७६/०२/२२ भित्र यस कार्यालयमा दिनको १२ बजे भित्र दर्ता गराउन सकिनेछ तथा दर्ता गरिएको सिलबन्दी प्रस्तावहरु सोहि दिनको २:०० बजे खोलिनेछ ।
३. पेश गर्ने अन्तिम दिन सार्वजनिक विदा परेमा विदा पछिको कार्यालय खुलेको दिन उत्पादक वा अधिकारिक विक्रेताले प्रस्ताव पेश गर्न सकिनेछ ।
४. यस सम्बन्धी अन्य जानकारी आवश्यक भएमा कार्यालयको वेबसाइट [www.budhanilkanthamun.gov.np](http://www.budhanilkanthamun.gov.np) तथा सोभै कार्यालयमा सम्पर्क गर्न सकिनेछ ।

क्र.सं.	सामानको विवरण	संख्या	स्पेशिफिकेशन	कैफियत
१.	वारुणयन्त्र (दमकल) (Fire Fighting Vehicle)	१ (एक)	<ul style="list-style-type: none"><li>• Water tender capacity : not less than 4000 litres (4000 to 4500 litres)</li><li>• Gross Vehicle Weight (GVW) : not less than 13000 kg</li><li>• Power output at governed RPM : not less than 120 HP</li><li>• Torque output at governed RPM : not less than 400 Nm</li><li>• Foam tank capacity : 500 litres</li><li>• Ground clearance : minimum 210 mm</li><li>• Transmission: Manual shift, at least 5 forward and 1 reverse all forward synchromesh</li><li>• Steering : Power assisted/ Power steering</li></ul>	संछिप्त विवरणमा उल्लेख नभएका बिषयहरु Technical Specification बमोजिम हुनेछ

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# Technical Specifications for fire fighter vehicle

Qty: 1 Unit

S.N	CRITERIA	REQUIREMENT	OFFERED SPECIFICATIONS
1	General	Fire Fighting vehicle with water tender capacity not less than 4000 liters (4000-4500 liters) and 500 liters Foam Tank. The firefighter shall be of current model as per the international standard.	Make: Model: Mfg. Year: Country of origin:
2	Engine	Water cooled 4 stroke diesel engine, the maximum rated power output at governed rpm not less than 120 HP and torque at govern rpm not less than 400 Nm. The Engine shall be fully equipped with all necessary items/ accessories and controlling devices for safe, smooth, efficient, economical operation and optimizing vehicle performance producing lesser amount of palliative emissions.	Make: Model: Power: Torque:
3	Emission Standard	The emission standard of the offered vehicle must be in compliance with or superior than the applicable Standard as prescribed by "Nepal Vehicle Mass Emission Standard 2069 (Euro III)" which is to be certified by Department of Transport Management.	
4	Water tank	<ol style="list-style-type: none"> <li>1. Water tank capacity: not less than 4000 liters (4000-4500 liters)</li> <li>2. Suitably fabricated and coated tank, bottom sheet thickness: not less than 5 mm and other sheet of minimum 4 mm</li> <li>3. Suitably sized cleaning hole at bottom and inspection hole (size about 450 mm) on top of tank</li> <li>4. Fitted with Drain pipe and plug connection</li> <li>5. Fitted with hydrant tank-hydrant reel, hydrant pump-hose reel, tank pump-reel, cooling tank, pump monitor</li> </ol>	Capacity:
5	Foam Tank	A foam tank of 500 liter capacity with minimum 3mm thickness and suitably baffled shall be provided.	Capacity:
6	Pump	Single stage, rear mounted, efficient centrifugal pump capable of delivering water not less than 2000 LPM at discharge pressure of 7kg/cm <sup>2</sup> and suction lift about 5 meters.	
7	Prime	The pump shall be fitted with reciprocating type primer. Primer shall be capable of lifting water from 5 meter.	
8	Cooling system	Indirect cooling system of open circuit type consisting of special heat exchanger shall be provided to the vehicle to enable full power outlet to be maintained during pumping duty without overheating and hot	

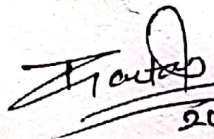
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9	Power take off	water shall be discharged to waste. The power take off would be heavy duty indigenous origin and the level for engaging the power take off will be provided in the driver's cabin.
10	Monitor	One water monitor of minimum discharge of 1400 LPM at 7 kg/cm <sup>2</sup> shall be provided on the top of driver's cabin in such a manner that a member of fire crew can operate manually. The monitor will be capable of traversing through 360 in horizontal plane. It will be capable of projecting the foam discharge to an effective distance of about 30 meter in still air when operated at designed pressure.
11	Chassis	The tender shall be fabricated on truck or other Chassis of comparable specifications. Drag hook or eye of adequate strength shall be provided at the rear and front of chassis.
12	Hose	First aid hose reel shall be provided at rear side at suitable place. Length of hose will be about 60m and Hose reel shall be 2 nos PVC Nylon braided or equivalent terminating with shut off nozzle of suitable diameter (about 8mm dia.).
13	Ladder gallows	Gallows to carry approximately 7-meter ladder shall be provided with rollers so that it can be operate easily and instantly by single person.
14	Dry chemical power	2 x 25 kg. each DCP cylinders with hose reel shall be provided.
15	Acceptance	The vehicle should be stable even on the tilted either side surface. All pipelines should be subjected to test under pressure of about 15kg/cm <sup>2</sup> for a period of about 15 minutes.
16	Control panel and instrument	Control panel and instruments as necessary for efficient operation and maintenance such as throttle control, pressure gauge compound, primer control, cooling water control, delivery valve, water level indicator, suction mouth, pump to hose reel control, tank to pump control.
17	Clutch	Heavy duty disc type
18	Brake	Air Brake or servo assisted hydraulic with mechanical parking brake and engine exhaust brake.
19	Suspension	Heavy duty semi-elliptical leaf spring and shock absorbers or equivalent.
20	Ground clearance	Not less than 210 mm
21	GVW	Not less than 13000 kg
22	Tyre	Standard Size, Front-single, Rear-Dual
23	Instructions	All signs and instructions in the vehicle shall be in English.
24	Transmission	Manual shift, at-least 5 forward and 1 reverse, all forward synchromesh

  
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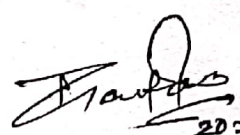
  
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25	Steering	Power steering/power assisted	
26	Accessories	The following accessories shall be supplied/fitted on the appliance. a. Front wind screen washer and wiper. b. Height adjustable driver's seat. c. Head light, tail light, rear light and turn signals d. Cabin lights e. Fog light at front f. Spot light-1 g. Fire Bell h. Spare wheel with tire and tube search Light with tripod stand along with 30m i. Cable and reel	
27	Painting	<b>Other accessories as in accessories/equipment list</b> The appliance shall be spray painted in "FIRE RED" over two coats of anti-corrosion primer. The followings shall be clearly marked at suitable location. a) Engine and chassis no b) Pump capacity c) Capacity of water/foam tanks d) Electrical and instrument panels with nameplates	
28	Manual	One copy of operators and owner's manual in English shall be supplied with equipment.	
29	Proven Performance	1. The fire tender offered shall be a current model under standard production by the manufacturer for at-least one year. 2. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine.	
30	Services	The suppliers shall arrange and conduct training at own cost for two operator for a period of one week in Nepal in operation, Maintenance and/or repair of the equipment.	
31	Accessories	Accessories should be provided as listed in the accessories/equipment list with vehicle.	
32	Warranty	Manufacture shall provide <b>minimum 1 year warranty after acceptance.</b>	
33	Delivery	One unit of Fire fighter vehicle shall be delivered to: Budhanilakantha Municipality, Golfutar, Kathmandu, Nepal.	

**Note: The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offer.**

Bidder's Signature..... date: .....

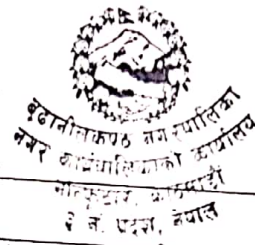
  
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**कुमार प्रसाद कोइराला**  
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Arun Aryal  
Managing Director  
9851177814, 9841927810

**Accessories/equipment list:**



S.N	Description	Unit	Quantity	Comply/non comply	Remarks
1	Trusted type Double Extension Ladder, 10.5m	No.	1		
2	Armored rubber suction hoses 100 mm dia. 25 meter length fitted with round threaded male and female coupling heavy duty made of copper alloy of 100 mm size	Nos.	4		
3	Flexible Firefighting Delivery hose of three layered synthetic jacketed with elastomeric outlet covering, resistant to the liquids, chemicals, acids. Alkalis, solvents, abrasions having about 42 kg/cm <sup>2</sup> burst bearing pressure and bonded with gun metal with standard and approved instantaneous male and female coupling. Type: non-precooling type Size: 63 x 15 meters	Nos.	10		
4	Suction Metal Strainer-100 mm size	Nos.	1		
5	Cylindrical Basket strainer-100 mm size	Nos.	1		
6	Dividing breaching with control valve made of light alloy	Nos.	1		
7	Collecting breaching-63 mm size made of light alloy	Nos.	1		
8	Suction wrenches for 100 mm suction couplings universal type	Pair	1		
9	Long line 50 mm circumference 30 meters long each		1		
10	Short line 50 mm circumference 15m length		1		
11	Hose bandages rubberized		1		
12	Hose clamps	Nos.	15		
13	Hydrant valve key and bar	Nos.	2		
14	Fog nozzle made of gunmetal with extension applicator with fog head	Set	1		
15	Hand controlled branch pipe-63 mm made of gunmetal	No	1		
16	Gunmetal branch pipe, universal 63 mm size	No	1		
17	Gunmetal branch pipe with revolving head	No	1		
18	Gunmetal short branch pipe complete with 63 mm size male instantaneous connection with gunmetal detachable nozzle	Nos.	1		
19	Gunmetal nozzle, size 12 mm, 16 mm, 20 mm, 25 mm and 32 mm (two each)	Nos.	10		
20	Adaptor for 100mm suction female screw coupling and 63 mm male instantaneous Adaptor double female instantaneous pater 63 mm Adaptor double male instantaneous pater 63mm	Nos.	2 2 2		
21	Nozzle spanner		2		
22	Portable electric lamp with rechargeable accumulator	Nos.	2		
23	Two Ways Hydrant stand pipe	Nos.	2		
24	Flame proof lamp	Nos.	1		
		Nos.	2		

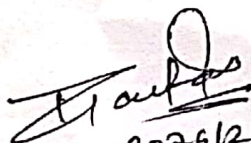
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25	First aid box for 12 persons	Nos	1		
26	Rubber gloves	Pair	1		
27	Asbestos gauntlets	No	1		
28	Axe-large	No	1		
29	Spade	No	1		
30	Pick axe	No	1		
31	Crow bar	No	1		
32	Sledge-hammer	No	1		
33	Carpenters' saw	No	1		
34	Hydraulic jack-20 Ton	No	1		
35	Fire hook	No	1		
36	Tool Kit	No	1		
37	ABC Multi-purpose type fire extinguisher, 2kg capacity	No	1		
38	Lowering line 50 mm lamp, 40 mm long having two ends spliced in and bend with a running nose	No	1		
39	Standard Fire Fighter Suit (Complete Set) including boots, firefighter helmet and hand gloves each	Set	2		
40	Standard Fire rescue harness	No	2		
41	Self-controlled breathing apparatus set with 45 minutes duration of 300 bar pressure	No	1		

  
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