

वेदकोट ने पालिका नगरकार्यपालकाको कार्यालय

शिसैया, कञ्चनपुर सुदूरपश्चिम प्रदेश, नेपाल

प्.सं.२०७७०७८ . च.नं.

सवारी साधन खरीद सम्वन्धि सूचना

(प्रथम पटक प्रकासित मिति : २०७७/०८/१२ गते)

यस वैदकौट नगरपालिकाको लागि देहाय बमोजिमको सवारी साधन खरीद गर्नुपर्ने भएकोले सार्वजिनक खरीद ऐन २०६३ को दफा द को उपदफा (१) तथा सार्वजिनक खरीद नियमाविल २०६४ को नियम ३१ (छ) बमोजिम सवारी साधन उत्पादन कम्पनी वा सो को आधिकारिक विकेता वीच मात्र प्रतिस्प्रधा गराउने (क्याटलग सिप्) विधिवाट खरीद गर्नुपर्ने भएकाले सार्वजिनक खरीद नियमाविल २०६४ को नियम ३१ (छ) को उपनियम २ अनुसार देहाय बमोजिमको सवारी साधन बिकि गर्न चाहने उत्पादक वा आधिकारिक विकेताहरूले स्पेसिफिकेसन, गुणस्तर, मूल्य र सुविधा सिहतको विवरण (क्याटलग वा बोसर) संलग्न राखि यो सूचना प्रकासित भएको मितिले १५ (पन्ध) दिनको १२ वजेभित्र यस कार्यालयमा निवेदन दर्ता गर्नु पर्ने छ । दर्ता भएका सिलवन्दी प्रस्तावहरू कार्यालय प्रतिनिधि तथा प्रस्तावदाता वा निजहरूका प्रतिनिधिहरूको रोहवरमा दाखीलागर्ने अन्तिम दिनको अपरान्ह २.०० वजे खोलिने छ । प्रस्तावदाता वा निजकाप्रतिनिधिहरू उपस्थीत नभएपिन प्रस्ताव खोल्ने कार्यमावाधा पर्ने छैन । रीत नपुगेको वा ढिलो गरी प्राप्तहुनआएको प्रस्तावउपर कृते कारवाहीहुने छैन । पेश गर्ने अन्तिमदिनविदा परेमा त्यस पछि कार्यालय खुल्ने दिन पेश गर्न सिकनेछ ।

तपसिल

ठेक्का नं.	सवारीसाधनको किसिम	संख्या	संक्षिप्त स्पेसिफिकेसन		
০ৼiPEI२০৬৬০৬ৼ	दमकल खरीद गर्ने कार्य	9	water tank capacity 5000 liters, Turbocharged intercooled diesel Engine, 6 Cylinder with Min. 5600 CC developing Maximum rated power output not less than 180 HP at governed RPM with torque min. 600 NM @ governed RPM Rear mounted Multi-pressure pump. With output— 1800 LPM at 7kg/cm² and 200 LPM @ 20 Kg/cm². Deep lift test of the pump from 3.0 Mtrs (after considering the allowances as per IS-950-1980, 15 to 18 sec).		

नोट : उल्लेखित सवारी साधनको बिस्वित स्पेसिफिकेसन वेदकोट नगरपालिकाको वेवसाइट www.bedkotmun.gov.np बाट

प्रमूख प्रशासकीय अधिकृत

प्रमुख प्रशासकीय अधिकृत

Technical specification

N.	CRITERIA	Fire Fighting Vehicle of 5000-liter water T	OFFERED SPECIFICATION
	General	The Fire fighting vehicle of capacity 5000 liters water tank water tender as per IS: 950 shall be designed and manufacture. All material used in fabrication construction of the vehicle shall be new as per International standard	Make: Model: Mfg, year: - Country of Origin:
2	Engine	Turbocharged intercooled diesel Engine, with Min. 5600 CC developing Maximum rated power output not less than 180 HP at governed RPM with torque min. 600 NM @ governed RPM, engine fully equipped with accessories for efficient full load operation of the vehicle at operating conditions. 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 pollutant emission.	Make: Model: Mfg. year: - Country of Origin:
3	Water Tank	Water tank shall be not less than 5000 liters water suitably mounted on the chassis after the cabin so as allow full contents to flow to the pump. The tank shall be fabricated with MS plate having bottom sheet not less than 5 mm thickness and other sheet of minimum 4 mm thickness suitably epoxy coated from inside. The tank shall be of sound welded construction & shall be fitted with suitable baffle plates not less than 3 mm thickness. An inspection hole of not less than 450 mm size shall be provided on top and other necessary arrangement as per standards.	
4	Pump	Rear mounted Multi-pressure pump. With output — 1800 LPM at 7kg/cm² and 200 LPM @ 20 kg/cm². Deep lift test of the pump from 3.0 Mtrs (after considering the allowances as per IS-950-1980, 15 to 18 sec). The pump Shaft and wiring rings should be made of stainless steel. The bearing should be made of C.I All studs/ bolts coming in contact with water should be stainless steel. Having one suction inlet of 100 mm round threats conforming IS-902-1974 and two numbers of 63 mm delivery outlets having push down type valves fitted with instantaneous couplings as per IS-903-1993. The delivery valve screw should have no gland. One 19mm bore High Pressure Hose shall be provided with a High-Pressure Discharge Gun rated to deliver 200 LPM. 60 mtrs. Of High-Pressure hose shall be provided.	
5	Primer	The pump will be fitted with reciprocating type. Primer will be capable of lifting water from 7 meter.	



North Engineering Connect Bear New 2 by Chargamy att

Er. Khem Raj Chataut (Mechanical Engineer)

न्यार्थ अधिवार्ष

			brong r
	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 without overheating and hot water is discharged to waste.	The Contract of the Contract o
	Power Take Off (PTO)	The Power Take Off would be heavy duty indigenous origin of VAS Make Model V3N Mechanically & Pneumatically controlled having ratio 1:1.48 and the lever for engaging the power take off shall be provided in the Driver's cabin.	
	Monitor	One water monitor of minimum discharge of 1400 LPM @ 7kg/cm² water will be provided on the top of the driver cabin in such a manner that a member of fire crew can operate it manually.	
)	Chassis	The tender shall be fabricated on truck/tipper chassis of appropriate size. Drag hook or eye of adequate strength shall be provided at the rear and front.	
10	Hose Real	1 Nos 60 m X 19 mm hose shall be provided near the	
11	Ladder Gallows	Gallows to carry 7.5 mtrs. Extension ladder would be provided on the appliance.	
12	Dry Chemical Powder	2 X 25 kg. each DCP cylinders with Hose Reel shall be provided.	
13	Stability	Fully laden vehicle shall be tested for stability test at 27.5 degree and the vehicle shall not topple down. Gradient test shall be carried out at 1:4.	
14	Control Panel & Instruments	Analog Control Panel with pressure gauge, compound gauge, water tank level glass tube type. The priming system should be fully automatic in action and require no attention whatsoever from the pump operator other than throttling the engine once the pressure is achieved even at engine idling speeds.	
15	Gradibilaty	Not less than 30 %	
16	GVW	Not less than 16000 kg	
17	Ground Clearance	Minimum 225 mm	
18	Cab	The front compartment of driver's cabin shall be all steel construction with insulated roof, right hand drive, laminated glass windscreen, wipers, glass windows on doors, and shall be provided with two independent foam cushioned seated for driver and an officer. Driver's seat shall be adjustable. Rear compartment should be provided with fixed cushioned seat for at least 5 crew men.	
19	Essential Accessories	The following accessories shall be supplied / fitted on the appliance. Head light, tail and rear light and turn signals Cabin lights Spare wheel with tire and tube	



Second Pages of the Control Read Sec. A city (annual)

Er Khem Raj Chataut (Mechanical Engineer)

Rung_

And mand

			The state of the s
		Fog light at front Fire Bell Additional equipments/Accessories as per Accessories/Equipments List below.	118 8 4× 1-
20	Clutch	Heavy duty disc type or Dry type with Clutch booster	
21	Transmission	Manual shift at least Six forward and one reverse.	
22	Emission Standard	The Emission Standard of the vehicle should comply with the Vehicle Mass Emission Standard of Nepal.	
23	Suspension	Semi-elliptical Multi Leaf springs at front and rear.	
24	Tires	Standard Size	
25	Steering	Power Steering or Power associated	
26	Brakes	Full Air S- Cam Brake with ABS or Full Air dual line	
27	Color	Painted in fire red with proper under coating.	
28	Axles	Front: Heavy Rear: Single reduction Extra Heavy Duty	- 17 - 17 - 17 - 17 - 17 - 17 - 17 - 17
29	Instructions	All signs and instructions in the equipment shall be in English	
30	Manuals	One copy of the Operator's and Owner's Instructions and Maintenance manual in English shall be supplied with each equipment/vehicle	
31	Proven performance	The tender offered shall be a current model under standard production by the manufacturer for at least one year. The bidder shall provide the manufacturer's data of the performance of the unit to include the fuel consumption, performance curve of the engine and production capacity of the unit.	
32	Warranty	Manufacturer shall provide a minimum of one-year warranty after acceptance.	
33	Related Service	The supplier shall arrange and conduct training at own cost for two operators in Nepal in operation, maintenance and /or repair of the equipment	
34	Delivery	1 Unit Fire Fighting Vehicle of 5000-liter water Tank with accessories shall be Delivered to Bedkot Municipality Office, Kanchanpur	
35	Authorization	Authorization letter from Manufacturers company is compulsory. The Bidder shall submit Manufacturers Authorization letter/ Certificate for Chassis, Pump PTO, and Ladder during the time of delivery. The letter shall clearly mention the Serial Number & Year of Manufacture for the Chassis, Pump, PTO & Ladder.	

ACCESSORIES / EQUIPMENT LIST

S. No.	Description	Unit	Qty	Comply/non comply	Remarks
I.	Armored Rubber Suction Hoses 100mm dia. 2.5 Meters Length fitted with round threaded male and female coupling Heavy duty, made of copper alloy of 100mm size.	Nos.	2		
2.	Non Percolating 63mm × 15 meters flexible fire fighting delivery hose of three layered synthetic jacketed, with	Nos.	5		



Nation Francisco Communication Statement

Er. Khem Raj Chataut (Mechanical Engineer)

dio

	elastomeric outer covering, resistant to liquids, chemicals, acids alkalis, solvents, abrasions & hear, having 42kg/cm ² burst pressure and bonded with gun metal ISI Marked & MMD approved instantaneous male and female coupling		W B S S S S S S S S S S S S S S S S S S	
3.	Suction Metal Strainer - 100mm size	Nos.		
4.	Basket Strainer – 100mm size cylindrical	No.	li l	
5.	Dividing Breaching with Control Valve made of light alloy	No.	1	
6.	Collecting Breaching -63mm size made of light alloy	No.	i i	
7.	Suction wrenches for 100mm suction couplings Universal types	Pair	1	
8.	Long line 50 mm circumference 30 meters long each	Length	i i	
9.	Short line 50mm circumference 15 m long	Length	4	
10.	Hose Bandages rubberized	Nos.	10	
11.	Hose Clamps	Nos.	2	
12.	Gunmetal Branch Pipe, Universal 63mm size	No.	1	
13.	Gunmetal Branch Pipe with Revolving Head	No.	1	
14.	Gunmetal short branch pipe complete with 63 mm size male instantaneous connection with gunmetal detachable nozzle	Nos.	2	
15.	Gunmetal nozzle if sizes 12 mm, 16mm, 20mm, 25 mm and 32 mm	Nos.	5	
	Adaptor for 100mm suction female screw coupling and 63 mm male instantaneous	Nos.	2	
	Adaptor double female instantaneous patter 63 mm	Nos.	2	
	Adaptor double male instantaneous patter 63mm	Nos.	2	
16	Nozzle spanner	Nos.	2	
17	Portable electric lamp with rechargeable accumulator	Nos.	2	
18	Flame proof lamp	Nos.	2	
19	First Aid Box of 12 Person	No.	1	
20	Rubber Gloves (in case)	Pair.	1	
21	Asbestos gauntlets (in case)	No.	1	
22	Axe-Large	No.	1	
23	Spade	No.	1	
24	Pickaxe	No.	1	
25	Crowbar	No.	1	
26	Sledgehammer	No.	E	
27	Carpenter's saw	No.	1	
28	20 Ton capacity Hydraulic Jack	No.	1	
29	Fire Hook	No.	1	
30	Tool Kit	No.	1	
31	ABC Multipurpose type Fire Extinguisher, 2 kg Capacity	No.	1	(CC)
32	Lowering line 50mm lamp, 40m long having two ends spliced in and bend with a running nose	No.	1	
33	Fire Proximity Suits (IS standard or similar)	No.	2set	

Ne pai la generalizat (chira) Re al Aniz D. (Meckania)



Er. Khem Raj Chataut (Mechanical Engineer)