

BID SCHEDULE
FOR

“Surplus Equipment Sale: 2003 Polaris Ranger 6X6”

Bid Item No.	Description	Quantity	Unit	Unit Price		Total Price
1	Polaris Ranger 6x6	1	Ea	\$		\$
				\$		\$
				\$		\$
				\$		\$
				TOTAL		\$

BIDDER: _____

TOTAL PRICE (Numerical, total of items 1-3):

TOTAL IN WORDS:

Sealed Bids due by

2:00 p.m. on May 18, 2018.

Bids may be mailed or hand-delivered to:

Humboldt Waste Management Authority
1059 West Hawthorne Street
Eureka, CA 95501

GENERAL INFORMATION



MODEL SPECIFICATIONS

MODEL: **RANGER 6x6**
MODEL NUMBER: ... A11RF50AA
ENGINE MODEL: EH50PLE16

ELECTRICAL

Flywheel I.D. FF97
CDI Marking CU2570
Alternator Output ... 250 Watts
Ignition Timing 30° BTDC@5000RPM±2°
Spark Plug / Gap ... NGK BKR5E / 0.036" (0.9mm)
Lights: Head Dual Beam (2)-35 watt quartz
 Tail 5 watts
 Brake 5 watts
 Indicator 1 watt
Voltage Regulator .. LR39
Start System Electric start
DC Outlet Dash Receptacle
Battery 30 Amp (12 Volt)

SUSPENSION / CHASSIS

Body Style Series 11
Front Suspension .. MacPherson Strut
Middle Suspension .. MacPherson Strut
Tow Capacity 1500 lbs. (680 kg)
Turning Radius 150" (381 cm)
Toe Out 1/8"-1/4" (3-6.35 mm)
Ground Clearance .. 7.2" (180 mm)
Front Vertical Travel 6.7" (170 mm)
Center Vertical Travel 5.25" (133 mm)
Rear Suspension ... Swing Arm w/Dual Shocks
Rear Travel 6.25" (158 mm)
Shock (2)-2" Twin Tubes
Shock Adjustment .. Cam

TIRES

Tire Size - Front 25 x 10 - 12
Tire Size - Rear 25 x 11 - 12
Tire Pressure - F/R . 8-12 psi
Total Width 60" (152.40 cm)
Total Length 120" (305 cm)
Total Height 75" (190.50 cm)
Wheel Base 90" (229 cm)
Dry Weight. 1410 lbs. (526 kg)

FLUID	Capacity	Type
Fuel Tank	8.5 gals. (32.2L)	
Injector Oil	N / A	
Coolant	2.25 qts. (2.1L)	.. PP6*
Transmission	13.5 oz (400 ml)	.. PPS*
Gearcase Oil (Front) .	5 oz (150 ml) PDD*
Gearcase Oil (Rear) .	10 oz (300 ml) 80-90
Gearcase Oil (Middle)	6.75 oz (200 ml)	.. 80-90
Engine Oil	2 qts. (1.9L) PP4*
Brake (Foot)		D.O.T.3

Lubricant Key

*PPS Polaris Premium Synthetic Gear Case Oil
*PP4 Polaris 0W-40 Synthetic Engine Lubricant
*PDD Premium Demand Drive Hub Fluid
*PP6 Polaris Premium 60/40 Antifreeze/Coolant

DRIVE TRAIN

Transmission Dual Sensing Automatic PVT
Gear Reduction-Low . 8.66:1
Gear Reduction-Rev . 5.91:1
Gear Reduction-Hi ... 3.81:1
Front Drive Ratio 3.83:1
Middle Drive Ratio ... 3.70:1
Final Drive Ratio 3.70:1
Shift Type InLine EZShift Hi/Lo/Reverse
Brake Type: Hydraulic Foot Pedal
Parking Brake Foot Actuated (Mechanical)
Front & Rear Brake .. Fixed Disc, Hydraulic
 Floating Caliper

LOAD CAPACITY

Cargo Box Dimensions 58x48x13 in.
Cargo Box Load Capacity 1000 lbs (454 kgs)
Tow Hitch Receiver Hitch
Hitch Tongue Capacity 75 lbs (28 kgs)
Hitch Towing Capacity 1500 lbs (681 kgs)
*Vehicle Payload 1500 lbs (681 kgs)
*Payload Includes: One driver and two passengers



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CARBURETION

Type BST 34 Mikuni CV
Main Jet 142.5
Pilot Jet 42.5
Jet Needle 4MB32-3
Needle Jet P-8
Pilot Screw 2.5 Turns
Pilot Air Jet 160
Valve Seat 1.2 Viton
Float Height 13mm (.51")
Fuel Octane (R+M/2) . 87 Non-Oxygenated or
89 Oxygenated

JETTING CHART

Table with columns: Altitude, Ambient Temperature (Below 40°F, +40° to +80°F), and rows for Meters (Feet) ranges: 0-1800 (0-6000) and 1800-above (6000-above).

CLUTCH

Type PVT
Belt 3211077
Belt Width (Projected) 1.188" (30.18mm)
Side Angle (Overall) 26°
Outside Circumference 40.86 ±.12"
Drive Belt Deflection 1.125" (28.57 mm)
Center Distance 10" (254.5mm)
Clutch Offset 0.5" (12.7mm)
Secondary Spring Silver
Driven Helix 41-37
Spring Position (Helix) 1
Spring Position (Sheave) .. 1

CLUTCH CHART

Table with columns: Altitude, Shift Weight, Drive Clutch Spring, Driven Clutch Spring, Helix Spring Angle, and rows for Meters (Feet) ranges: 0-1800 (0-6000) and 1800-3700 (6000-12000).

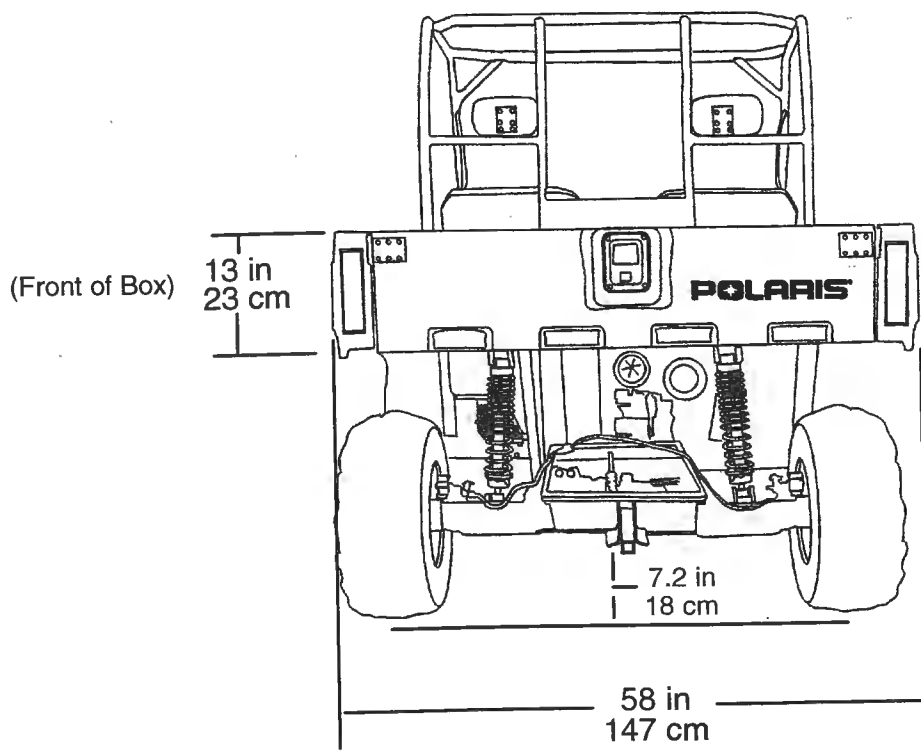
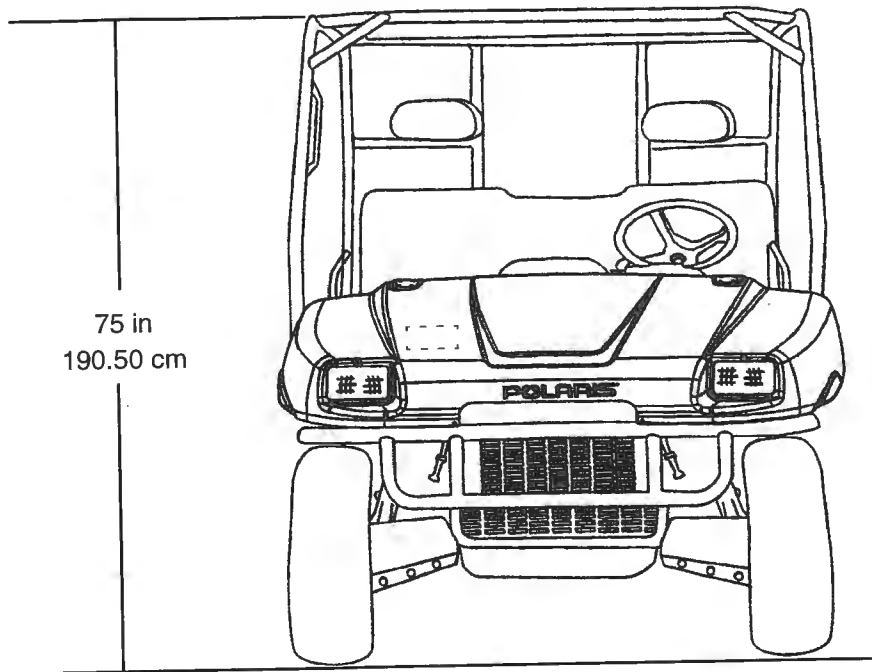
ENGINE

Type 4 Cycle, Single Cyl.
Displacement 498 cc
Bore 3.625" (92mm)
Stroke 2.955" (75mm)
Valve Clearance In/Ex 0.006/0.006" @ TDC on compression
Compression Ratio 10.2:1
Cooling Liquid
Lubrication Type Dry Sump
Operating RPM±200 5250 RPM
Idle RPM±200 (lights off) 1200 RPM
Compression Pressure 70-90 psi

GENERAL INFORMATION



MACHINE DIMENSIONS





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