

BID SPECIFICATIONS**RTV900W9-H/A Work Site (RTV900W9L-A/H ("L" is spray-in liner))****ENGINE**

Make and Model	Kubota, D902-E3-UV Tier IV
Engine Type	Indirect Injected, Liquid Cooled, 4-Cycle, diesel, OHV
Fuel Type	Diesel
SAE gross horsepower	21.6 hp (16.1 kw) @ 3200 rpm
Maximum torque	40.4 ft-lbs @ 2000 rpm (5.58 kg-m @ r/s)
Rated engine speed	3200 rpm
Number of cylinders	Three
Number of cycles	Four
Displacement volume of engine	54.8 cu in (898 cc)
Bore x stroke of engine	2.83" x 2.90" (72 mm x 73.6 mm)
Compression ratio	24 to 1
Type of cooling system	Liquid Cooled w/ Pressurized Radiator
Type of air cleaner	Dry, Paper Filter w/ Cyclone Precleaner and Safety Element
Type of lubrication	Forced Lubrication
Type of oil pump	Trochoidal Pump
Type of oil filter	Replaceable Treated Paper Element

TRANSMISSION

Transmission Type	Variable Hydrostatic Plus Transmission (VHT PLUS)
Manufacturer	Kubota Corporation
Number of ranges available	Low / Medium / High
Maximum forward travel speed Note: General Purpose travel Speeds with 25x10-12 tires	Low: 0 – 16 km/h (0 – 10 mph) Med: 0 – 29 km/h (0 – 18 mph) High: 0 – 40 km/h (0 – 25 mph)
Maximum reverse travel speed	0 – 20 km/h (0 – 12 mph)
Rear differential lock available	Standard (foot operated)
Type of rear suspension	Semi-Independent, DeDion Axle with Leaf Springs and Hydraulic Shocks
Front Differential Lock Available	N/A
Type of front suspension	Independent, Macpherson Strut Type
Type of parking brake	Rear Wheel, Hand Brake
Type of brake system	Wet Disc Brakes
Wheel drive system	2WD or 4WD

HYDRAULIC SYSTEM

Type of power steering system	Hydrostatic Power Steering
Hydraulic power source	Hydrostatic Pump from the Transmission
Type of hydraulic system	Open Centre
Type of hydraulic pump	Gear pump
Pump rated output gpm (litres/min)	5.0 (18.9)
Number of rear remotes	1 Double acting with float
Remote relief valve pressure	2133 psi (2276 kg/sq cm)

ELECTRICAL SYSTEM

Type of charging system (dynamo)	Alternator
Charging system capacity	60 Amps
Battery voltage x capacity	12 volts x 535 CCA

WARRANTY

Non-commercial	12 Months / No Hour Limit
Commercial	

BID SPECIFICATIONS**RTV900W9-H/A Work Site (Cont.)****FLUID CAPACITIES**

Fuel Tank Capacity	7.4 gal (28 liters)
Cooling System Capacity	4.2 qts (4.0 liters)
Engine Lubricant oil capacity	3.3 qts (3.1 liters)
Transmission oil capacity	2.6 gal (10 liters)
Hydraulic system capacity	8.5 gal (8.0 liters)
Front axle differential case capacity	0.63 qts (0.60 liters)
Brake system capacity	0.42 qts (0.40 liters) – DOT 3 Brake Fluid

DIMENSIONS

Overall length of base vehicle	119.3" (3030 mm)
Overall width of base vehicle	61.0" (1550 mm)
Overall height to top of ROPS	79.1" (2010 mm)
Wheelbase	77.4 " (1965 mm)
Front wheel tread width	45.3" (1150 mm) / 46.5" (1180mm)
Rear wheel tread width	46.5" (1180 mm) / 47.6" (1210mm)
Minimum ground clearance (front axle)	8.3" (210 mm)
Minimum ground clearance (rear axle)	7.5" (190 mm)
Minimum turning radius	12.8' (3.9 m)
Noise level at operators ear	87 dB(A)
Operating weight	1,918 lbs (870 kg)

CARGO BOX:

Cargo box length	46.7" (1180 mm)
Cargo box width	52.0" (1320 mm)
Cargo box depth	11.4" (290 mm)
Cargo box height from ground	31.5" (800 mm)
Cargo box material thickness	16.0 cu ft (0.455 cu m)
Cargo box capacity (volume)	14 Gauge RTP Steel
Cargo box capacity (weight)	1102 lbs (500 kg)

PAYLOAD CAPACITIES:

Type of dump system available	True Hydraulic
Maximum payload capacity	1630 lbs (740 kg)
Maximum towing capacity front	650 lbs (295 kg)
Maximum towing capacity rear	1300 lbs (590 kg)

TIRES:

RTV900G9-A ATV TIRES	Front ATV 25 X 10 -12, 6 ply Rear 25 X 11 – 12, 6 ply (37.5 psi / 5.27 kg/sq cm)
RTV900G9-H HDWS TIRES	Front & Rear 25 X 10 – 12, 6 PLY (10.61 psi / 1.49kg/sq cm)