

**BID SPECIFICATIONS****RTV1100CW-A/H/T Work Site****ENGINE**

Make and Model	Kubota, D1105-E2-UV
Engine Type	Indirect Injected, Liquid Cooled, 4-Cycle, diesel, OHV
Fuel Type	Diesel
SAE gross horsepower	24.8 hp @ 3000 rpm
Maximum torque	52.7 ft-lbs @ 2000 – 240 rpm (71.5 kg-m @ 33.3-40 r/s)
Rated engine speed	3000 rpm
Number of cylinders	Three
Number of cycles	Four
Displacement volume of engine	68.5 cu in (1123 cc)
Bore x stroke of engine	3.07" x 3.09"
Compression ratio	23 to 1
Type of cooling system	Liquid Cooled w/ Pressurized Radiator
Type of air cleaner	Dry, Paper Filter w/ Cyclone Precleaner
Type of lubrication	Forced Lubrication
Type of oil pump	Trochoidal Pump
Type of oil filter	Replaceable Treated Paper Element

**TRANSMISSION**

Transmission Type	Variable Hydro Transmission (VHT)
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 - 12.9 km/h (0 – 8 mph) Med: 0 – 24.3 km/h (0 – 15.1 mph) High: 0 – 40 km/h (0 – 25 mph)
Maximum reverse travel speed	0 – 16 km/h (0 – 10 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	Transmission

**ELECTRICAL SYSTEM**

Type of charging system (dynamo)	Alternator
Charging system capacity	75 Amps
Battery voltage x capacity	12 volts x 650 cca

**WARRANTY**

Non-commercial	12 Months no hour limit
Commercial	

**BID SPECIFICATIONS****RTV1100CW-A/H/T Work Site (Cont.)****FLUID CAPACITIES**

Fuel Tank Capacity	29.9 L (7.9 gal)
Cooling System Capacity	5.3 L (1.4 gal)
Engine Lubricant oil capacity	3.8 L (1.0 gal)
Transmission oil capacity	12.1 L (3.2 gal)
Hydraulic system capacity	17.4 L (4.6 gal)
Front axle differential case capacity	0.75 L (0.2 gal)
Brake system capacity	0.42 qts (0.40 liters) – DOT 3 Brake Fluid

**DIMENSIONS**

Overall length of base vehicle	326.1 cm (128.4")
Overall width of base vehicle	168.9 cm (66.5")
Overall height to top of ROPS	210.3 cm (82.8")
Wheelbase	196.6 cm (77.4")
Front wheel tread width (center)	115.1 cm (45.3")
Rear wheel tread width (center)	118.1 cm (46.5")
Minimum ground clearance (front axle)	20.6 cm (8.1")
Minimum ground clearance (rear axle)	19.1 cm (7.5")
Minimum turning radius	66.5 cm (26.2')
Noise level at operators ear	83 dB(A) @ max speed
Operating weight	1119.9 kg (2469 lbs)

**CARGO BOX:**

Cargo box length	118.6 cm (46.7")
Cargo box width	132.1 cm (52.0")
Cargo box depth	29.0 cm (11.4")
Cargo box height from ground	80.0 cm (31.5")
Cargo box capacity (volume)	0.45 cu meters (16.0 cu ft)
Cargo box capacity (weight)	500 kg (1102 lbs)

**PAYLOAD CAPACITIES:**

Type of dump system	Hydraulic
Maximum payload capacity	739.4 kg (1630 lbs)
Maximum towing capacity	589.7 kg (1300 lbs)