

APPENDIX B

SCOPE OF SERVICES

1. SCOPE OF WORK

Contract No.020923-CEC includes between in its scope but not limited to: Supplier will provide the equipment, products, or services as stated in its proposal submitted under the Solicitation Number listed above.

Supplier's Equipment, Products, or Services Proposal (Proposal) is attached and incorporated into this Contract. All Equipment and Products provided under this contract must be new and the current model. Supplier may offer close-out or refurbished Equipment or Product if they are clearly indicated in Supplier's products and pricing list. Unless agreed to by the Participating Entities in advance, Equipment or Products must be delivered as operational to the Participating Entity's site.

2. Products

Rated Free-Air Delivery - cfm (m3/min) 185 (5.2) Rated Operating Pressure - psig (bar) 100 (6.9) Pressure Range - psig (bar) 80 -150 (5.5 - 10.3) FlexAir Flow Range - psig (bar) 184-150 (5.2-4.2) Air Discharge Outlet NPT Size - in (mm) 0.75 (19) Air Discharge Outlet Quantity 2 Separator Tank Volume (gal/l) 5.25 (19.87) Oil Capacity (gal/l) 3.5 (13.24) ENGINE Makel/Model Doosan D24 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Cylinder Bore (in/mm) 3.5 (90) Oylinder Stroke (in/mm) 3.7 (94) Displacement - cu in (L) 147 (2.4) Rated Speed - rpm 4000 dide Speed - rpm 1400 Bis @ Rated Speed (kW) 49 (36.6) Final / Cooling Dissol / Water Engine Dissol / Cooling Dissol / Co		
BRAND BOBCAT BOBCAT MODEL PA185VWDO-T4F ENGINE PA185VWDO-T4F TIER 4 FINAL		
MODEL	MANUFACTURER	BOBCAT
Tier 4 Final	BRAND	BOBCAT
COMPRESSOR ROTARY SCREW/SINGLE-STAGE Rated Pree-Air Delivery – dm (m/Simin) Rated Operating Pressure – psig (bar) Pressure Range – psig (bar) Reted Operating Pressure – psig (bar) Pressure Range – psig (bar) Rete Operating Pressure – psig (bar) Rete Operating Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Air Discharge Outlet NPT Size – in (mm) O.75 (19) Dosan D24 Emissions Tier Level Number of Cylinders 4 Cylinder Bore (in/mm) O.76 (19) Oylinder Stroke (in/mm) 3.5 (90) Cylinder Stroke (in/mm) 3.7 (94) Displacement – cu in (L) 147 (2.4) Rated Speed – rpm 1400 Bhp @ Rated Speed (kW) Puel Cooling Dissel / Water Emil Cooling Dissel / Water Dosan D24 Dos	MODEL	PA185VWDO-T4F
Rated Free-Air Delivery - cfm (m3/min) 185 (5.2) Rated Operating Pressure - psig (bar) 100 (6.9) Pressure Range - psig (bar) 80 -150 (5.5 - 10.3) FlexAir Flow Range - psig (bar) 184-150 (5.2-4.2) Air Discharge Outlet NPT Size - in (mm) 0.75 (19) Air Discharge Outlet Quantity 2 Separator Tank Volume (gal/l) 5.25 (19.87) Oil Capacity (gal/l) 3.5 (13.24) ENGINE Makel/Model Doosan D24 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Cylinder Bore (in/mm) 3.5 (90) Oylinder Stroke (in/mm) 3.7 (94) Displacement - cu in (L) 147 (2.4) Rated Speed - rpm 4000 dide Speed - rpm 1400 Bis @ Rated Speed (kW) 49 (36.6) Final / Cooling Dissol / Water Engine Dissol / Cooling Dissol / Co	ENGINE	TIER 4 FINAL
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Rated Operating Pressure — psig (bar) Pressure Range — psig (bar) 100 (6.9) 80 –150 (5.5 - 10.3) 814-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (5.2-4.2) 184-150 (19.8-7) 185-160 (19.8-7) 185-	Rated Free-Air Delivery – cfm (m3/min)	185 (5.2)
Pressure Range — psig (bar) 80 - 150 (5.5 - 10.3) 184-150 (5.2-4.2) Air Discharge Outlet NPT Size — in (mm) 0.75 (19) Air Discharge Outlet Quantity 2 Separator Tank Volume (gal/l) 5.25 (19.87) Oil Capacity (gal/l) 3.5 (13.24) Separator Tank Volume (gal/l) 4 Final (T4F) 7 (14F) 7 (14	Rated Operating Pressure - psig (bar)	
Texair Flow Range Texa	Pressure Range – psig (bar)	- Control
Air Discharge Outlet NPT Size – in (mm) 0.75 (19) Air Discharge Outlet Quentity 2 Separator Tank Volume (gal/l) 5.25 (19.87) Oil Capacity (gal/l) 3.5 (13.24) ENGINE Make/Model Doosan D24 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Cylinder Bore (in/mm) 3.5 (90) Cylinder Broke (in/mm) 3.7 (94) Displacement – cu in (L) 147 (2.4) Rated Speed – rpm 2600 dills Speed – rpm 1400 Blob @ Rated Speed (kW) 49 (36.6) Euel / Cooling Dissel / Water Indiana (Indiana Indiana I	FlexAir Flow Range ⁽¹⁾	
Air Discharge Outlet Quantity 2 Separation Tank Volume (gal/l) 5.25 (19.87) Dil Capacity (gal/l) 3.5 (13.24) ENGINE Make/Model Doosan D24 Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders Cylinder Brore (in/mm) 3.5 (90) Cylinder Brore (in/mm) 3.7 (94) Displacement – cu in (L) 147 (2.4) Rated Speed – rpm 2600 dils Speed – rpm 1400 Bib @ Rated Speed (kW) 49 (36.6) Euel / Cooling Dissel / Water Engine. Dil Capacity (gal/l) 2.4 (9.1) Radiator Coolant Capacity (gal/l) 2.6 (9.8) Electrical – volts Fuel Tank Capacity (gal/l) 34.5 (190.6)	Air Discharge Outlet NPT Size in (mm)	CONTRACTOR OF THE CONTRACTOR O
Separator Tank Volume (gal/l) 5,25 (19.87)	Air Discharge Outlet Quantity	
Seminary	Separator Tank Volume (gal/l)	5.25 (19.87)
Dossar D24	Oil Capacity (gal/l)	
Docsan D24	ENGINE	
Emissions Tier Level Tier 4 Final (T4F) Number of Cylinders 4 Cylinder Bore (in/mm) 3.5 (50) Cylinder Stoke (in/mm) 3.7 (94) Displacement – cu in (L) 147 (2.4) Rated Speed – rpm 2600 die Speed – rpm 1400 sho @ Rated Speed (kW) 49 (36.6) Evel / Cooling Dissel / Water Engine Oil Capacity (gall) 2.6 (9.8) Rediator Coolant Capacity (gall) 2.6 (9.8) Flectrical – volts 2.8 (10.6) Fuel Tank Capacity (gall) 3.4.5 (130.6) Fuel Tank Capacity (gall) 3.4.5 (130.6) Fuel Tank Capacity (gall) 3.4.5 (130.6) Foot of Operation @ Full Rated Load 12.2	Make/Model	December 1994
Author of Cylinders	Emissions Tier Level	
3.5 (90) 3.5 (90) 3.5 (90) 3.7 (94)	Number of Cylinders	
3,7 (94)	Cylinder Bore (in/mm)	
147 (2.4) 147 (2.4) 147 (2.4) 147 (2.4) 147 (2.4) 147 (2.4) 147 (2.4) 147 (2.4) 149 (2.6) 140	Cylinder Stroke (in/mm)	
Rated Speed - rpm 2600 2	Displacement - cu in (L)	
1400 1400	Rated Speed – rpm	
tho @ Rated Speed (kW) 49 (36.6) Livel / Cooking Diesel / Water Lingine Oil Capacity (gal/l) 2.4 (9.1) Ladiator Cookinn Capacity (gal/l) 2.6 (9.8) Licetrical – volts 12 Livel Consumption 100% Rated Load (GPH/LPH) 2.8 (10.6) Livel Consumption (gal/l) 34.5 (130.6) Livel Tank Capacity (gal/l) 34.5 (130.6)	Control Control	1400
Diesel / Water		49 (36.6)
Engine Oil Capacity (gald) 2.4 (9.1) Radiator Coolant Capacity (gald) 2.6 (9.8) Redical – volts 12 Fuel Consumption 100% Rated Load (GPH/LPH) 2.8 (10.6) Fuel Tank Capacity (gald) 34.5 (130.6) Hours of Operation @ Full Rated Load 12.2		Diesel / Water
Redistor Coolant Capacity (galf) 2.6 (9.8)		2.4 (9.1)
Fuel Consumption 100% Rated Load (GPH/LPH) 2.8 (10.6) Fuel Tank Capacity (galft) 34.5 (130.6) Hours of Operation @ Full Rated Load 12.2	Radiator Coolant Capacity (gal/l)	
Fuel Tank Capacity (galf) 34.5 (130.6) Hours of Operation @ Full Rated Load 12.2	Electrical – volts	12
Hours of Operation @ Full Rated Load 12.2	Fuel Consumption 100% Rated Load (GPH/LPH)	2.8 (10.6)
	Fuel Tank Capacity (gal/t)	34.5 (130.6)
Altitude Capability 15 000 feet	Hours of Operation @ Full Rated Load	12.2
	Altitude Capability	15,000 feet
Rated Limiting Ambient Temperature Range (LAT) 10°F = 120°F (-10°F w/ cold weather options)		
	FlexAir Range LAT	Varies between 110°F-120°F based on set pressure





Bid Specifications: PA185VWDO-T4F

DIMENSIONS WITH RUNNING GEAR		
Length – in (mm))	137.4 (3490)	
Width - in (mm)	68.5 (1740)	
Height – in (mm)	67.5 (1715)	
Track Width - in (mm)	60 (1524)	
Tire Size - in	15	
Shipping Weight - w/o fuel - lb (kg)	2269 (1029)	
Working Weight w fuel lb (kg)	2477 (1124)	
DIMENSIONS WITHOUT RUNNING GEAR		
Length - in (mm)	88.5 (2248)	
Width - in (mm)	49.3 (1252)	
Height - in (mm)	56.3 (1431)	
Shipping Weight – w/o fuel – lb (kg)	2059 (934)	
Working Weight - w fuel - Ib (kg)	2267 (1028)	

(1) See FlexAir chart below for pressures at given flows

