

Ring Power Corporation 500 World Commerce Parkway St. Augustine, FL 32092

Prepared For: Florida Sheriff's Association 8/5/2020

Item #12: (1) NEW CATERPILLAR D6 TRACK TYPE TRACTOR

CONTRACT DETAILS

Florida Sheriff's Association Bid # FSA20-EQU18.0 Item #12: GROUP:BULLDOZER: 180 HP Bulldozer Canopy Tractor and Options Contract Dates: October 1, 2020 through September 30, 2023

BID SPECIFICATION:

 <u>ENGINE</u>: a. Minimum 6 cylinder 180 H.P. diesel engine 2. <u>TRANSMISSION</u>: a. Power shift or hydrostatic drive b. Power shift to have 3 forward and reverse gear ranges minimum c. Hydrostatic drive to be variable 3. <u>UNDERCARRIAGE</u>: a. 7 rollers each side minimum b. Top roller each side minimum c. Manufacturers standard length track d. Manufacturers standard track width e. 24" grouser width 4. <u>DOZER BLADE</u>: a. 128" wide b. 48" high c. 2.5 cubic yard blade capacity d. PAT type blade, power angle and tilt, hydraulically controlled 5. <u>OPERATING WEIGHT</u>: a. Minimum Operating Weight - 43,000 LBS.

BASE MACHINE

464-5810	D6 20A VPAT TTT CFG4
464-5587	BASIC ARRANGEMENT
464-5183	FINAL DRIVE, 82" (2083 MM)
464-5201	ENGINE, LUC, STANDARD
464-5556	PRECLEANER, BASIC
460-4590	OIL DRAIN, BASIC
542-5761	UNDERCARRIAGE, HDXL, PART GDE
545-3958	TRACK, 610MM / 24" MS HDXL
471-0420	FAN, REVERSING, VPAT
464-5464	HYDRAULICS, VPAT
464-5459	CONTROL, RIPPER
464-5174	ALTERNATOR, 150 AMP
571-6186	LIGHTS, 6 LED, VPAT
564-0762	CAB, STANDARD
470-7252	SEAT, STANDARD

565-0836	VISIBILITY ARR, SINGLE CAMERA	
464-5451	PREMIUM DISPLAY, NON ARO	
464-5757	CONTROL, STANDARD, VPAT	
522-7680	FUEL TANK, BASIC	
471-6558	GUARD, BOTTOM, VPAT	
471-0418	ENCLOSURE, ENGINE, VPAT	
471-7300	DRAWBAR	
505-6966	GRAB HANDLES, STANDARD, VPAT	
472-5602	WATER JACKET HEATER, 110V	
464-5283	FLUIDS, STD OIL, -35F	
555-5500	FILM, WARNING, ANSI	
538-1329	VPAT DOZER PACKAGE	
538-1333	BLADE, VPAT	

Ring Power Corporation



Cat[®] D6 Track-Type Tractor

The new Cat[®] D6 dozer helps you move material at a lower cost with a fully automatic transmission, outstanding fuel efficiency and reduced service/maintenance costs. Choose from updated configurations and enjoy a fully redesigned cab. Plus, a choice of Cat Connect GRADE technology features adds to ease of operation by helping you save even more time, material and operator effort. The D6 is legendary versatility you have come to trust, with added performance and efficiency to help you take your business to the next level.

More Efficient

- Up to 20 percent better fuel efficiency¹
- Use up to 13 percent less fuel²
- Fully automatic 4-speed transmission continuously adjusts for maximum efficiency and power to the ground without added operator input
- Full auto shift up and down entire working range to maximize fuel efficiency
- Lower greenhouse gas emissions up to 13 percent less CO₂

Greater Productivity

- Move up to 16 percent more material per liter/gallon of fuel used
- Move up to 5 percent more material per hour
- Fully redesigned with updated configurations so you can build just the right machine for the work you do
- Purpose-built Variable Power Angle Tilt (VPAT) tractor features a new frame and optimized balance for grading – no need for rear attachment
- New LGP VPAT design, with 915 mm (36 in) centered shoes, offers 35 kPa (5 psi) ground pressure
- Wider blade on the LGP VPAT for more efficient high-speed grading
- Class-leading VPAT range of motion for improved performance, especially when trenching or backfilling
- VPAT blade remains level when angled for smoother grade
- More robust push arm dozer for heavy applications with larger SU blade capacity
- New 10-roller undercarriage option designed for smoother grades at higher speeds, even in difficult surfaces like sand and gravel

Durability

- New Cat C9.3B engine eliminates Exhaust Gas Recirculation (EGR) system for greater reliability; Simplified with a single engine Electronic Control Module (ECM) and improved engine air filter
- Redesigned fuel system provides greater reliability and more accurate fuel delivery
- New Heavy Duty Extended Life undercarriage HDXL with DuraLink™ – features Positive Pin Retention pins and link improvements for up to 20 percent more seal life in high impact conditions
- Common structures for Heavy Duty and SystemOne™ undercarriage enable changes from one to the other
- Purpose-built Waste and Forestry arrangements

Cat Connect Technology

- Hit target grade faster and more accurately with Cat Connect GRADE technologies
 - Finish jobs in fewer passes, and with less operator effort, saving you time and helping to increase your profit
- Cat GRADE with Slope Assist[™] automatically maintains pre-established blade position without a GPS signal
- Updated Cat GRADE with 3D offers greater speed, accuracy and flexibility
 - Factory-integrated system eliminates position sensing cylinders
 Antennas integrated into the cab roof for better protection
- AutoCarry™ automates blade lift to maximize blade load, improve load consistency, reduce track slip

All comparisons to 2014-2016 3-speed D6T (U.S. EPA Tier 4 Final/EU Stage IV). Maintenance comparisons to D6T over initial 10,000 hours of operation. ¹ Material moved per liter/gallon of fuel.

' Material moved per liter/gallon o

² Liters/gallons per hour.



Cat[®] D6 Track-Type Tractor

- Standard Slope Indicate displays machine cross-slope and fore/aft orientation right on the main display
- Factory Attachment Ready Option (ARO) simplifies installation of all brands of grade control system
- Product Link[™] collects machine data that can be viewed online through web and mobile applications
- Access information anytime, anywhere with VisionLink[®] and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site

Ease of Operation

- Completely redesigned cab for a whole new standard in visibility, comfort, productivity
 - New 254 mm (10 in) touchscreen display with easy-to-use operator interface
 - Grade Control display and main display positions can be swapped
 - Application Profile saves preferred machine settings
- Distributed cab heating/cooling circulates air more effectively around the operator and helps reduce window fogging/frosting
- Viscous cab mounts reduce vibration for greater operator comfort
- Wider air suspension seat has multiple adjustments for personalized comfort
- Entire armrest adjusts forward and backward independent of the seat
- Detented thumbwheel on the steering control allows easy speed setting changes
- More storage spaces throughout the cab

Reduced Maintenance Time and Cost

- Up to 9 percent lower maintenance cost designed specifically to save you money with updated components, longer service intervals, fewer scheduled maintenance tasks
- Grouped service points and modular components with easy access to save you routine maintenance time
- Fewer filters and service points save you time and money on routine maintenance
- Cab air filter replacement extended to 500 hours
- Standard reversing fan extends the time between core clean-outs
- 30-minute cab removal, if needed
- Modular, self-contained HVAC unit is easier to service

Safety

- Approximately 15 percent more glass area and Integrated ROPS offers added visibility
- Standard integrated High Definition (HD) rearview camera in the primary display
- Hood design and alignment of the exhaust and precleaner provide a better view to the front of the tractor
- Bluetooth[®] microphone gives you hands-free access to your mobile phone
- Standard ladder at the back of the machine for convenient access for fuel fill, window cleaning and maintenance
- Ground-level access to optional fast fuel fill
- Grab rail on both sides of cab roof and tie offs provide added safety
- Improved cab filtration for cleaner operator environment
- Optional integrated LED beacon warning lights

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

CONFIGURATIONS

- Push arm dozer Standard or LGP
- VPAT dozer Standard or LGP
- Push arm or VPAT dozer LGP Wide Gauge

	Standard	Optional
POWER TRAIN		
Fully-automatic 4-speed transmission	\checkmark	
Cat C9.3B diesel engine	\checkmark	
Double reduction planetary final drives	\checkmark	
Hydraulic reversing fan	\checkmark	
OPERATOR ENVIRONMENT		
Fully redesigned cab, sound suppressed, with Integrated Roll Over Protective Structure (IROPS)	✓	
Full-color 254 mm (10 in) liquid crystal touchscreen display	\checkmark	
Integrated rearview camera	\checkmark	
Adjustable operator controls/armrests	\checkmark	
Cab mounted modular HVAC system	\checkmark	
Added storage areas	\checkmark	
Electrohydraulic implement and steering controls	\checkmark	
Cloth seat	\checkmark	
Deluxe leather heated/ventilated seat		\checkmark
Communication radio ready	\checkmark	
Lights – 6 LED	\checkmark	
Premium lights – 12 LED		✓
Integrated warning lights		\checkmark
CAT CONNECT TECHNOLOGY		
Slope Indicate	\checkmark	
Attachment Ready Option (ARO) with Assist/Cat GRADE with Slope Assist	\checkmark	
Cat GRADE with 3D		\checkmark
Product Link, Cellular PLE641	\checkmark	
Product Link Elite PLE631 – Dual Cellular/Satellite		√
BLADES		
Semi-Universal		\checkmark
VPAT		✓
Straight blade		\checkmark
Angle blade		\checkmark
Foldable VPAT – under 3 m (9.9 ft) transport width (Not available in all regions)		\checkmark
Waste/Landfill		\checkmark
For a full list of blade offerings, please refer to the D	06/D6 XE Tech	nical

Specifications brochure on cat.com.

	Standard	Optional
UNDERCARRIAGE		
Heavy Duty (HDXL with DuraLink) or SystemOne		✓
Redesigned track roller frame	\checkmark	
10-Roller Fine Grading undercarriage		\checkmark
Moderate Service or Extreme Service track shoes		\checkmark
For a complete listing of track shoe offerings, pleas Technical Specifications brochure on cat.com.	e refer to the l	D6/D6 XE
SERVICE AND MAINTENANCE		
Fast fuel fill ready		\checkmark
Fast fuel pump		\checkmark
Refilling fuel pump (EU only)		\checkmark
Rear access ladder	\checkmark	
Shovel holder	\checkmark	
Ground level service center	\checkmark	
30-minute cab removal	\checkmark	
Fire extinguisher mounting provision	\checkmark	
Ecology drains	\checkmark	
High-speed oil change		\checkmark
Underhood work light	\checkmark	
HYDRAULICS		
Independent steering and implement pumps	\checkmark	
Load sensing hydraulics	\checkmark	
ATTACHMENTS		
Ripper-ready rear hydraulics	\checkmark	
Ripper and winch-ready rear hydraulics		\checkmark
High lift ripper with straight or curved shanks		\checkmark
Winch		\checkmark
Drawbar		\checkmark
Counterweights		\checkmark
Side screens		\checkmark
Rear screen – hinged or fixed		\checkmark
Sweeps		\checkmark
Forestry and Waste Special Arrangements		\checkmark

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

For additional information, refer to the Technical Specifications brochure available at www.cat.com or your Cat dealer.

Technical Specifications

Power Train	Fully Automatic	: Mechanical	В	lade
Engine	Cat C9).3B	S	U
Emissions	U.S. EPA Tie EU Stage V, Kore			GP SU GP S
Build Number	20/			PAT
Net Power (Rated) – 2,200 rpm			Lf	GP VPAT
ISO 9249/SAE J1349	161 kW	215 hp	L	GP VPAT
ISO 9249/SAE J1349 (DIN)		219 hp	()	Vide Gauge)
Fuel Tank	341 L	90 gal		
DEF Tank	28 L	7.4 gal		

Blade	Capa	acity	Wid	lth
SU	5.7 m ³	7.4 yd³	3312 mm	10.9 ft
LGP SU	5.8 m ³	7.5 yd³	3613 mm	11.9 ft
LGP S	3.8 m ³	5.0 yd³	4063 mm	13.3 ft
VPAT	4.1 m ³	5.4 yd ³	3680 mm	12.1 ft
LGP VPAT	4.5 m ³	5.8 yd³	4000 mm	13.1 ft
LGP VPAT (Wide Gauge)	4.9 m ³	6.4 yd³	4340 mm	14.2 ft

• All non-road Tier 4 Interim and Final, Stage IIIB, IV and V, and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.

• Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.

• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.36 kg of refrigerant which has a CO₂ equivalent of 1.946 metric tonnes.

Configuration	D)6	D6	LGP	D6 (Wide)	LGP Gauge)	D6 V	PAT	D6 LGF	P VPAT	D6 LGF (Wide)	
Operating Weight ¹	21 749 kg	47,949 lb	22 049 kg	48,611 lb	23 333 kg	51,441 lb	22 704 kg	50,053 lb	23 188 kg	51,122 lb	23 825 kg	52,526 lb
Ground Pressure	54 kPa	7.8 psi	46 kPa	6.6 psi	35 kPa	5.1 psi	53 kPa	7.7 psi	41 kPa	6.0 psi	35 kPa	5.0 psi
Machine Height	3.18 m	125.1 in	3.18 m	125.1 in	3.18 m	125.1 in	3.18 m	125.1 in	3.18 m	125.1 in	3.18 m	125.1 in
Length of Machine	5.70 m	224.4 in	5.70 m	224.4 in	5.70 m	224.4 in	5.93 m	233.6 in	5.93 m	233.6 in	5.93 m	233.6 in
Ground Clearance	361 mm	14.2 in	361 mm	14.2 in	361 mm	14.2 in	361 mm	14.2 in	361 mm	14.2 in	361 mm	14.2 in
Track Gauge	1.88 m	74 in	2.08 mm	82 in	2.28 m	90 in	2.08 mm	82 in	2.28 m	90 in	2.39 m	94 in
Width over Trunnions	2690 mm	105.9 in	3001 mm	118.1 in	3491 mm	137.4 in	-	_	—	_	-	_
Width across End Bits	3.30 m	10 ft 10 in	3.61 m	11 ft 10 in	4.06 m	13 ft 4 in	3.68 m	12 ft 1 in	3.99 m	13 ft 1 in	4.34 m	14 ft 3 in
Width across End Bits, Angled	-	_	-	_	-	_	3.35 m	11 ft	3.66 m	12 ft	4.34 m	13 ft
Width of Standard Track Shoe	610 mm	24 in	760 mm	30 in	915 mm	36 in	610 mm	24 in	760 mm	30 in	915 mm	36 in
Length of Track on Ground	2963 mm	116.7 in	2963 mm	116.7 in	3252 mm	128.0 in	3252 mm	128.0 in	3355 mm	132.1 in	3355 mm	132.1 in
¹ With Multi-Shank Ripper (three s	hanks) add	1686 kg (3,	710 lb).									

For complete specifications and offerings, please reference the Technical Specifications document at www.cat.com or consult your local Cat dealer.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

© 2018 Caterpillar All rights reserved

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

CAT, CATERPILLAR, SAFETY.CAT.COM, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

VisionLink is a trademark of Trimble Navigation Limited, registered in the United States and in other countries.

AEXQ2464 (08-2018) Build Number: 20A (North America, Europe, ANZ, Turkey, Korea)



Earthmoving, normating Earthmoving networks and by the before dealer or mathing Dealer dealer or mathing Called in the or any of is abalatives (Called in mathing) To be products and by the before four mathing The performance or mathing Dearer performance Called in the or any of is abalatives (Called in the before four mathing) The performance or mathing The performance or mathing Dearer performance Called in the or any of is abalatives (Called in the formating or compared in abalative) (coorport and plane in abalative) (coorport and plane in the formating or compared in abalative) (coorport and plane in abalative) (coorport abalative) (coorport and plane in abalative) (coorport abalative) (coorport abalative) (coorport abalative) (coorport and plane in abalative) (coorport abalative) (coorportabalative) (coorport abalative) (coorport abalative) (co	Istruction, Material Handling, Forestry and Pa Worldwide These products are covered by other Caterpilar warranties. Use This warranty is subject to the following: The Warranty Period
 These products are covered by other Caterpillar warranties. This warranty is subject to the following: This warranty is subject to the following: The warranty Period For new machines and work tools/attachments the warranty period is 12-months/unlimited hours, starting from date of delivery to the first user. Note: For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders, mini hydraulic excavators, steer loaders, mini hydraulic exceed loaders, mini hydraulic exceed loader loader loader loader loader	These products are covered by other Caterpillar warranties. Use This warranty is subject to the following: The Warranty Period
 Warranty Period For new machines and work tools/attachments the warranty period is 12-months/unlimited hours, starting from date of delivery to the first user. Note: For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders, multi terrain loaders, and compact track loader machines, the warranty period is 50 hours starting from the date of delivery to the first user. For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Roof Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar Responsibilities Fatorial defection material or component from the Caterpillar null and from solution on the conceed 24 months from shipment of the last major component from the Caterpillar NII, untig norwith and at a place of business of a Cate dealer or other source approved by Caterpillar null and in anondactured. Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved repaired parts or assembled components of the warranty period in the installed as if such parts were original components of the product in which installed as if such parts were original components of the product in which installed as if such parts were original components of the product it which installed as if such parts were original components of the product in which installed as if such parts were original components of the product it which installed as if such parts were original components of the product. 	Warranty Period
 12-months/unlimited hours, starting from date of delivery to the first user. Note: For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders, math the rarain loaders, mini hydraulic excavators, skid steer loaders, math the warranty period is 50 hours starting from the date of delivery to the first user. For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Feeders, Hard Rock Miners, Hard Rock Conveyors, Hard Rock Feeders, Hard Rock Miners, Hard Rock Conveyors, Hard Rock Roof Supports, the warranty period is not to exceed 24 months from stipment of the last major component from the Caterpillar place of manufacture. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period. Caterpillar approved repaired parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved replacement approved repaired under the terms of this warranty are warranty endoted the restrict the remainder of the warranty period. Rote: New, remanufactured, or Caterpillar approved repaired under the terms of this warranty are warranty of the months installed a set fullow and an aplace of burber is the endoted to correct the defect. 	
 For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excarators, skid steer loaders, multi terrain loaders, and compact track loader machines, the warranty period is 50 hours starting from the date of delivery to the first user. For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Feeders, Hard Rock Miners, Hard Rock Movers, Hard Rock Feeders, Hard Rock Miners, Hard Rock Movers, Hard Rock Roof Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period, Caterpillar responsibilities of a Cat dealer or other source approved by Caterpillar place of the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period, Caterpillar vill, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the installed as of the warranty period applicable to the product in which installed as f such parts were original components of that product. Replace lunder this warranty become the property of Caterpillar. 	12-months/unlimited hours, starting from date of delivery to the first user.
 For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Feeders, Hard Rock Miners, Hard Rock Movers, Hard Rock Konveyors, Hard Rock Feeders, Hard Rock Miners, Hard Rock Conveyors, Hard Rock Roor Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture. Caterpillar Responsibilities If a defectin material or oxthmanship is found during the warranty period, Caterpillar Will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved repaired under this warranty are warranted for the installed as if fuch and applicable to the product in which installed as a fuch parts period applicable to the product in which installed as first and the remainder of the warranty become the property of Caterpillar. 	 For hydraulic line's quick connect/disconnect components sold on compact wheel loaders, mini hydraulic excavators, skid steer loaders multi horders and commant hard horder machines
 For Draglines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Roof Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar Rock Roof Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar place of manufacture. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will, during normal working hours and at a place of business of a Caterpillar will. Adels sold in Responsed repaired parts or assembled components needed to correct the defect. Adels sold in Note: New, remanufactured, or Caterpillar approved replacement thates ("CIS") parts provided under the terms of this warranty are warranted for the remainder of the warranty beroid applicable to the product in which installed as if such parts were original components of that product. terms replaced under this warranty become the property of Caterpillar. Realace and function of filters antifreeze and other service items 	the warranty period is 50 hours starting from the date of delivery
 s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, compact s, rubber tracks used on multi terrain loaders, and for second the material or workmanship is found during the warranty period, caterpillar will, during normal working hours and at a place of business of a cat dealer or other source approved by Caterpillar s, rubber tracks used on multi terrain loaders, and for second transmission of a cat dealer or other source approved by Caterpillar s, rubber tracks of runder the terms of this warranty are warranty or other the terms of this warranty become the product in which installed as if such parts were original components of the product in which installed as if such parts warre original components of the service items den models sold in regions other the terms of filters antifreeze and other service items 	For Dragines, Electric Rope Shovels, Hard Rock Movers, Hard Rock Eesders, Hard Rock Miners, Hard Rock Convertors, Hard
 prace of manuacute. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterpillar. Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved replated parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed a ari s such parts were original components of that product. Replaced under this warranty become the property of Caterpillar. 	Rock Roof Supports; the warranty period is not to exceed 24 months from shipment of the last major component from the Caterpillar
 Caterpliar will, during normal working nours and at a place or business of a Cat dealer or other source approved by Caterpillar Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar approved repaired parts or assembled components needed to correct the defect. New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as af such parts were original components of that product. Replace lubrication oil filters, antifreeze, and other service items 	place of manuacure. Caterpillar Responsibilities If a defect in material or workmanship is found during the warranty period,
 Provide (at Caterpillar's choice) new, remanufactured, or Caterpillar Limi approved repaired parts or assembled components needed to correct the defect. Note: New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Replaced under this warranty become the property of Caterpillar. Replaced lubrication oil filters antifreeze and other service items 	Caterpliar will, during normal working hours and at a place of business of a Cat dealer or other source approved by Caterplilar
 correct the defect. New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar. Replace lubricating oil filters antifreeze and other service items 	
 Note: New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty period applicable to the product in which installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar. Replace lubricating oil filters antifreeze and other service items 	correct the defect.
installed as if such warranty borrow approxable or warportance of that product. Installed as if such parts were original components of that product. Items replaced under this warranty become the property of Caterpillar.	Note: New, remanufactured, or Caterpillar approved replacement parts provided under the terms of this warranty are warranted for the remainder of the warranty particle and include in which
Replace lubrication oil filters antificeze and other service items	installed as if such parts were original components of that product.
Cat Utility Vehicles (UTV) repair.	antifreeze, and other service items
 Compact Construction Equipment including Compact Track & Provide reasonable and customary labor needed to correct the after being notified of a potential product problem. Multi Terrain Loaders, Mini Hydraulic Excavators, and Skid Steer defect. Loaders sold in USA or Canada. Failures resulting from unauthorized repair or adjustments, and 	 Provide reasonable and customary labor needed to correct the er defect.

SELF5723

Caterpillar's obligations under this Limited Warranty are subject to, and shall not apply in contravention of, the laws, rules, regulations, directives, ordinances, orders, or statutes of the United States, or of any other applicable jurisdiction, without recourse or liability with respect to Caterpillar.

A) For products operating outside of Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

NEITHER THE FOREGOING EXPRESS WARRANTY NOR ANY OTHER WARRANTY BY CATERPILLAR, EXPRESSOR IMPLIED, IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR, PURPOSE, EXCEPT CATERPILLAR EMISSION-RELATED COMPONENTS WARRANTY FOR NEW ENGINES, WHERE APPLICABLE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS, OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS. IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS IS EXCLUDED IN ITS ENTIRETY.

B) For products operating in Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands, and Tahiti, the following is applicable:

THIS WARRANTY IS IN ADDITION TO WARRANTIES AND CONDITIONS IMPLIED BY STATUTE AND OTHER STATUTORY RIGHTS AND OBLIGATIONS THAT BY ANY APPLICABLE LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED ("MANDATORY RIGHTS"). ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED (BY STATUTE OR OTHERWISE), ARE EXCLUDED. WITHOUT LIMITING THE FOREGOING PROVISIONS OF THIS PARAGRAPH, WHERE A PRODUCT IS SUPPLIED FOR BUSINESS PURPOSES, THE CONSUMER GUARANTEES UNDER THE CONSUMER GUARANTEES ACT 1993 (NZ) WILL NOT APPLY.

NEITHER THIS WARRANTY NOR ANY OTHER CONDITION OR WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED (SUBJECT ONLY TO THE MANDATORY RIGHTS), IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS THAT IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER. IF THE MANDATORY RIGHTS MAKE CATERPILLAR LIABLE IN CONNECTION WITH SERVICES OR GOODS, THEN TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, THAT LIABILITY SHALL BE LIMITED AT CATERPILLAR'S OPTION TO (a) IN THE CASE OF SERVICES, THE SUPPLY OF THE SERVICES AGAIN OR THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN AND (b) IN THE CASE OF GOODS, THE REPAIR OR REPLACEMENT OF THE GOODS, THE SUPPLY OF EQUIVALENT GOODS, THE ERPAIR OR THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT GOODS.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS. CATERPILLAR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES UNLESS IMPOSED UNDER MANDATORY RIGHTS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION (CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS) IS EXCLUDED IN ITS ENTIRETY.

C) For products supplied in Australia:

IF THE PRODUCTS TO WHICH THIS WARRANTY APPLIES ARE:

I. PRODUCTS OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION; OR

II. PRODUCTS THAT COST AUD 40,000 OR LESS,

WHERE THOSE PRODUCTS WERE NOT ACQUIRED FOR THE PURPOSE OF RE-SUPPLY OR FOR THE PURPOSE OF USING THEM UP OR TRANSFORMING THEM IN THE COURSE OF PRODUCTION OR MANUFACTURE OR IN THE COURSE OF REPAIRING OTHER GOODS OR FIXTURES, THEN THIS SECTION C APPLIES. THE FOLLOWING MANDATORY TEXT IS INCLUDED PURSUANT TO THE AUSTRALIAN CONSUMER LAW AND INCLUDES REFERENCES TO RIGHTS THE USER MAY HAVE AGAINST THE DIRECT SUPPLIER OF THE PRODUCTS: OUR GOODS COMPENNEES THAT CANNOT BE EXCLUDED UNDER THE AUSTRALIAN CONSUMER LAW. YOU ARE ENTITLED TO A REPLACEMENT OR REPUND FOR A MAJOR FAILURE AND COMPENSATION FOR ANY OTHER REASONABLY FORESEEABLE LOSS OR DAMAGE. YOU ARE ALSO ENTITLED TO HAVE THE GOODS REPAIRED OR REPLACED IF THE GOODS FAIL OR BE OF ACCEPTABLE QUALITY AND THE FAILURE DORS NOT AMOUNT TO A MAJOR FAILURE. THE INCLUSION OF THIS TEXT DOES NOT CONSTITUTE ANY REPRESENTATION OR ACCEPTANCE BY CATERPILLAR OF LLABLURE DORS NOT AMOUNT TO A MAJOR FAILURE. THE INCLUSION OF THIS TEXT DOES NOT CONSTITUTE ANY OTHER PERSON IN ADDITION TO THAT WHICH CATERPILLAR MAY HAVE UNDER THE AUSTRALIAN CONSUMER LAW.

TO THE EXTENT THE PRODUCTS FALL WITHIN THIS SECTION C BUT ARE NOT OF A KIND ORDINARILY ACQUIRED FOR PERSONAL, DOMESTIC OR HOUSEHOLD USE OR CONSUMPTION, CATERPILLAR LIMITS ITS LIABILITY TO THE EXTENT IT IS PERMITTED TO DO SO UNDER THE AUSTRALIAN CONSUMER LAW TO, AT ITS OPTION, THE REPAIR OR REPLACEMENT OF THE PRODUCTS, THE SUPPLY OF EQUIVALENT PRODUCTS, OR THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT PRODUCTS.

THE WARRANTY SET OUT IN THIS DOCUMENT IS GIVEN BY CATERPILLAR INC. OR ANY OF ITS SUBSIDIARIES, 100 N. E. ADAMS ST, PEORIA, IL USA 61629, TELEPHONE 1 309 675 1000,THE USER IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH MAKING A CLAIM UNDER THE WARRANTY SET OUT IN THIS DOCUMENT, EXCEPT AS EXPRESSLY STATED DOCUMENT, AND THE USER IS REFERRED TO THE BALANCE OF THE DOCUMENT TERMS CONCERNING CLAIM PROCEDURES, CATERPILLAR RESPONSIBILITIES.

TO THE EXTENT PERMISSIBLE BY LAW, THE TERMS SET OUT IN THE REMAINDER OF THIS WARRANTY DOCUMENT (INCLUDING SECTION B) CONTINUE TO APPLY TO PRODUCTS TO WHICH THIS SECTION C APPLIES.

©2018 Caterpillar All Rights Reserved.

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.