

State of West Virginia Request For Quotation Equipment

Procurement Folder: 750027

Document Description: Addendum No. 01_D3 Crawler Bulldozer-Stonewall Jackson WMA

Procurement Type : Agency Purchase Order

Date Issued	Solicitation Closes		Solic	itation No	Version	Phase
2020-07-15	2020-07-23 13:30:00	ARFQ	0310	DNR2100000002	2	Final

SUBMIT RESPONSES TO:	7 1 12	78 (63 m = 1 & s	VENDOR
BID RESPONSE			Vendor Name, Address and Telephone
DIVISION OF NATURAL RESOURCES			OTLAND FOULTHWENE THE
PROPERTY & PROCUREMENT OFFICE			STATE EQUIPMENT, INC. 560 NEW GOFF MOUNTAIN ROAD
324 4TH AVE			CROSS LANES, WV 25313
SOUTH CHARLESTON	WV	25303-1228	(304)776-4405
us			(

FOR INFORMATION CONTACT THE

James H Adkins (304) 558-3397

jamie.h.adkins@wv.gov

Signature X

FEIN # 550658298

All offers subject to all terms and conditions contained in this solicitation

Date Printed: Jul 15, 2020 Solicitation Number: DNR2100000002 Page: 1 FORM ID: WV-PRC-ARFQ-001

DATE 7/22/2020

ADDITIONAL INFORMATION:

ADDENDUM

Addendum No. 01 is issued to publish and distribute the attached information to the Vendor Community.

INVOICE TO		SHIP TO	
DIVISION OF NATURAL R	ESOURCES		LDLIFE MANAGEMENT AREA
163 WILDLIFE RD	140/00040	114 OLD GEORGETOWN R	
FRENCH CREEK	WV26218	ROANOKE	WV 26447
US		US	

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	Track bulldozers	1.00000	EA		
	Track Ballaces o			\$130,525.00	\$130,525.00

Commodity Code	Manufacturer	Model #	Specification	
22101522	CASE	650M	CRAWLER BULLDOZER	

Extended Description Track bulldozers

SCHEDULE OF EVENTS

Event Date 2020-07-15 Line **Event** Technical Question Deadline 9:00 A.M.

Date Printed: Jul 15, 2020 Solicitation Number: DNR2100000002 Page: 2 FORM ID: WV-PRC-ARFQ-001

	Document Phase	Document Description	Page 3
DNR2100000002	Final	Addendum No. 01_D3 Crawler	of 3
		Bulldozer-Stonewall Jackson WMA	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

WEST VIRGINIA DIVISION OF NATURAL RESOURCES ONE TIME PURCHASE-CRAWLER BULLDOZER FOR STONEWALL JACKSON WMA EXHIBIT A-PRICING SHEET

Item Number	Description	Make & Model	Estimated Quantity	Unit Price	Extended Cost
3.1	Crawler Bulldozer	CASE 650M	1	\$130,525.00	\$130,525.00
				TOTAL	\$130,525.00

Note: all items are to be F.O.B. destination. Freight or delivery charges must be included in the unit cost.

Vendor Representative: EDDIE ROWAN, JR

Date: 7-22-2020

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

GENERAL MANAGER
(Name, Title)
EDDIE ROWAN, JR. GENERAL MANAGER
(Printed Name and Title)
560 NEW GOFF MOUNTAIN ROAD CROSS LANES, WV 25313 (Address)
(304)776-4405 (304)776-4409
(Phone Number) / (Fax Number)
eddie@stateequipment.com (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

STATE EQUIPMENT, INC.	
(Company)	
	GENERAL MANAGER
(Authorized Signature) (Representative Name,	Title)
GADIC PILL	
EDDIE ROWAN, JR	GENERAL MANAGER
(Printed Name and Title of Authorized Repres	entative)
	,
7-22-2020	
(Date)	
(00/)776 //07	
(304)776-4405 (304)776-44	09
(Phone Number) (Fax Number)	
()	

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

P.O. Box 9536
South Charleston WV 25309
My Commission Expires March 27, 2021

Vendor's Name: STATE EQUIPMENT, INC
Authorized Signature: 7-22-2020
State ofWEST_VIRGINIA
County of Kanawha, to-wit:
Taken, subscribed, and sworn to before me this 22 day of
My Commission expires March 21 , 2021.
AFFIX SEAL HERE Official Seal Notary Public, State of West Virginia Marie Filer Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

lum received)
Addendum No. 6
Addendum No. 7
Addendum No. 8
Addendum No. 9
Addendum No. 10

Addendum Numbers Received:

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

STATE EQUIPMENT,	INC.
Company	
6	
Authorized Signature	
7-22-2020	
Date	

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.



650M

CRAWLER DOZER

LT/WT/LGP
TIER 4 FINAL CERTIFIED



ENGINE			
Model	FPT F5C F5HFL463D*G003		
Emissions Certificat	ion Tier 4 Final Certified		
Cylinders	4		
Displacement	207.5 in ³ (3.4 L)		
Fuel injection	Common rail		
Fuel	#2 Diesel		
Fuel filter	Spin-on w/ in-line strainer		
Air intake	Cross-flow		
Cooling	Liquid		
Engine speeds	RPM		
High idle - no load	2340 +/- 50		
Rated - full load	2200		
Low idle	1100 +/- 25		
Horsepower @ 2200 RPM - SAE J1349:			
Net	68 hp (50.6 kW)		
Gross	73.8 hp (55 kW)		
Engine lubrication:			
Pump	Deep sump plate cooler		
w/ pres	surized under-piston nozzles		
Pump operating and	gle ratings:		
Side-to-side	35°		
Fore and aft	45°		
Oil filtration	Replaceable, spin-on		
	full-flow cartridge		

367.5 in2 (2 370.8 cm2)

20 in (500 mm)

1.1:1

Radiator:

Diameter

Ratio

Fan:

Core size area

Rows of tubes

DRIVETRAIN	The second of		
Dual path hydrostati	c:		
Pump	Variable axial piston		
Motor	Variable bent axis piston		
Max. drawbar pull*	39,086 lb (173.9 kt		
Transmission	Single lever control -		
	electronic straight tracking		
Transmission oil filte	r 4 micron, spin-on		
	replaceable		
Travel speeds*:			
Forward	5.0 mph (8 kph)		
Reverse	5.0 mph (8 kph)		
Parking brakes	Heavy-duty, spring-applied,		
	hydraulic pressure release		
Steering brakes	Hydrostatic		
Final drive	2 helical gear		
reduction to planetary output			
Ratio	62.4:1		
Transmission cooling	g:		
Туре	Oil to air		
Core size	216.9 in ² (1 399.3 cm ²)		
	ng standard track chain.		
Increase travel speeds by 4% and reduce drawbar pull by 4% with the optional Max-Life			
track chain.	ith the optional Max-Life		

ELECTRICAL	The state of the state of
Alternator	120 amp
Battery	12-volt low-maintenance
925 cold-c	ranking amps @ 0° F (-18 C)
Electrical system	12 Volts

OPERATOR ENVIRONMENT

Optional ROPS cab; Single lever control for speed, steering and direction; Forward/reverse speed ratio selector; Adjustable armrests; Foot rests; Retractable seat belt, 2 in (51 mm); Rear view mirror; Seat tilts for access.

Warning lights:

Air filter; Alternator; Engine oil pressure; Diagnostic fault indicator; Engine coolant; temperature; Engine oil pressure; Low fuel level; Park brake engaged; Service soon indicator; Transmission temperature; Hi range; Hydraulic filter; Transmission filter; Transmission pressure.

Gauges:

Battery voltage; Fuel level; Digital hourmeter/tachometer/diagnostics/service reminder; Transmission oil temperature; Water temperature.

Audible warnings:

Engine oil pressure; Transmission pressure; Engine coolant temperature; Low fuel level; Transmission charge pressure; Transmission/hydraulic temperature.

OPERATING WEIGHT

Unit equipped w/ ROPS, full fuel tank, 170 lb (77 kg) operator, track guides, backup alarm, horn and lights.

Long track	15,803 lb (7 168 kg)
Wide track	16,405 lb (7 441 kg)
Low ground pressure	16,839 lb (7 638 kg)
Add-on weights:	
Drawbar	128 lb (58 kg)
Ripper - 3 shank	1,400 lb (635 kg)
Winch	1,861 lb (844 kg)
Front counterweight	838 lb (380 kg)
Cab	1,874 lb (850 kg)
Max-Life chain	115 lb (52 kg)
Center rockguard	157 lb (71 kg)
Sweeps	110 lb (50 kg)
Dual batteries	60 lb (27 kg)
90 in blade	925 lb (420 kg)
96 in blade	1,001 lb (454 kg)
109 in blade	1,121 lb (508 kg)
120 in blade	1,235 lb (560 kg)
SALT w/ 15.6 in closed shoe	2,533 lb (1 149 kg)
Max-Life w/ 15.6 in open sh	oe2,595 lb (1 177 kg)
SALT w/ 20 in closed shoe	2,889 lb (1 310 kg)
Max-Life w/ 20 in open shoe	2,951 lb (1 338 kg)
SALT w/ 24 in closed shoe	3,210 lb (1 456 kg)
Max-Life w/ 24 in open shoe	3,272 lb (1 484 kg)

HYDRAULICS

Rod diameter

Stroke

Pump flow @ 2000 RPM @ 3,000 psi (20 880 kPA) 20.3 gpm (78.8 L/min) Lift cylinder Two (2) Bore diameter 3.50 in (88.9 mm) Rod diameter 1.75 in (44.4 mm) Stroke 15.53 in (394.5 mm) Angle cylinder Two (2) Bore diameter 3.50 in (88.9 mm) Rod diameter 1.75 in (44.5 mm) Stroke 13.46 in (342.0 mm) Tilt cylinder One (1) 3.50 in (88.9 mm) Bore diameter

SERVICE CAPACITIES	
Fuel tank	40.8 gal (154.4 L)
Engine oil w/ filter	13 qt (12.3 L)
Engine oil w/o filter	12.2 qt (11.5 L)
Engine cooling system	23.9 qt (22.6 L)
Hydraulic reservoir	16.5 gal (72.7 L)
Final drive – per side	16 qt (15.1 L)
Track rollers - each	0.16 qt (0.15 L)
Front idlers – each	0.34 qt (0.326 L)
Carrier rollers - each	0.13 qt (0.136 L)

1.75 in (44.4 mm)

5.39 in (137 mm)

OTHER SPECIFICATIONS

Undercarriage:

Track adjustment Hydraulic Frame Rigid suspension

Length of track on ground:

85 in (2 159 mm)

Track link pitch
Track shoe height
Pin diameter

Track link pitch
6.125 in (155.575 mm)
2.06 in (52 mm)
1.125 in (28.575 mm)

Bushing diameter:

SALT track 2.13 in (54 mm)

Max-Life track 2.68 in (68 mm)

Bolt diameter 0.625 in (16 mm)

Track shoes per side 40

Track rollers per side 6

Carrier rollers per side 1
Track roller rail diameter 5.98 in (152 mm)

Track on ground:

Shoe area:

15.6 in (395 mm) 2,644 in² (17 056 cm²) 20 in (508 mm) 3,372 in² (21 755 cm²) 24 in (610 mm) 4,083 in² (26 340 cm²)

Track:

Long Track:

15.6 in (395 mm) closed grousers and SALT 15.6 in (395 mm) open grousers and Max-Life

Wide Track:

15.6 in (395 mm) closed grousers and SALT 15.6 in (395 mm) open grousers and Max-Life 20 in (508 mm) closed grousers and SALT 20 in (508 mm) open grousers and Max-Life LGP:

24 in (610 mm) closed grousers and SALT 24 in (610 mm) open grousers and Max-Life

Blade:

Ripper:

Max. penetration:

15.3 in (389 mm) w/ grousers penetrated – see below

 Width
 73.1 in (1 856 mm)

 Cut width
 70.1 in (1 781 mm)

 Max. ground clearance
 15.5 in (393 mm)

 Points
 Replaceable

 Max. number of shanks
 3

Tooth spacing:

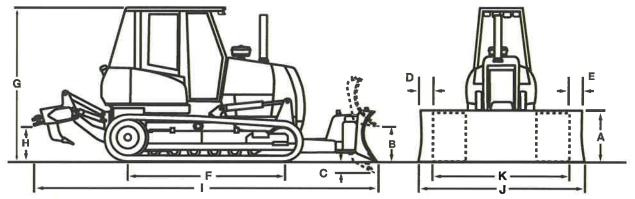
 w/ 3 teeth
 31 in (785 mm)

 Hydraulic cylinder
 Double-acting

 Diameter
 3.9 in (99.02 mm)

 Stroke
 8.4 in (213 mm)

 Rod
 1.75 in (44.5 mm)



Line drawings are for illustrative purpose only and may not be exact representation of unit.

	Long Track (LT)	Long Track (LT, WT)	Wide Track (WT)	Low Ground
				Pressure (LGP)
Blade width	90 in (2 286 mm)	96 in (2 438 mm)	109 in (2 769 mm)	120 in (3 048 mm)
SAE blade capacity	1.58 yd³ (1.21 m³)	1.69 yd³ (1.29 m³)	2 yd³ (1.48 m³)	2.15 yd³ (1.64 m³)
A. Blade height	33.1 in (841 mm)			
B. Blade lift above ground	35.1 in (892 mm)			
C. Blade depth below ground	21.0 in (533 mm)			
Blade angle both directions	22.7°	22.7°	22.7°	22.7°
D. Cast reach	11.4 in (288.4 mm)	14.1 in (358.7 mm)	12.3 in (312.7 mm)	15.4 in (390.7 mm)
E. Cut reach	-0.37 in (-9.5 mm)	2.39 in (60.8 mm)	0.58 in (14.7 mm)	3.65 in (92.8 mm)
Blade tilt, each end - up to 9.7°	7.72 in (196 mm)	8.23 in (209 mm)	9.33 in (237 mm)	10.28 in (261 mm)
Track gauge	56.47 in (1.43 m)	56.47 in (1.43 m)	68 in (1.73 m)	68 in (1.73 m)
Maximum shoe width	15.6 in (395 mm)	15.6 in (395 mm)	20 in (508 mm)	24 in (610 mm)
F. Length of track on ground:				
Max-Life	85 in (2.16 m)			
Area of track on ground	2,644 in ² (1.71 m ²)	2,644 in ² (1.71 m ²)	3,400 in ² (2.19 m ²)	4,083 in ² (2.63 m ²)
Ground pressure	5.98 psi (41.2 kPa)	5.98 psi (41.2 kPa)	6.07 psi (41.9 kPa)	4.12 psi (28.4 kPa)
G. Height to top of ROPS	8 ft 8 in (2 648 mm)			
Height to top of cab				
with air conditioning	8 ft 9 in (2 653 mm)			
H. Ground clearance	13.07 in (332 mm)			
Length:				
Blade straight with drawbar	13 ft 8 in (4 180 mm)			
I. Blade straight with ripper	16 ft 3 in (4 951 mm)			
Width:				
J. Blade straight	7 ft 6 in (2 286 mm)	8 ft 0 in (2 438 mm)	9 ft 1 in (2 769 mm)	10 ft 0 in (3 048 mm)
Blade angled	7 ft 1 in (2 159 mm)	7 ft 7 in (2 299 mm)	8 ft 7 in (2 613 mm)	9 ft 5 in (2 871 mm)
K. Over track	6 ft 0 in (1 829 mm)	6 ft 0 in (1 829 mm)	7 ft 0 in (2 122 mm)	7 ft 8 in (2 337 mm)

STANDARD EQUIPMENT

OPERATOR ENVIRONMENT

See page 1

ENGINE

FPT F5C F5HFL463D*G003

Tier 4 Final Certified

Dual DOC

CFGR

Automatic fan belt tensioner

Integral engine oil cooling

Fuel filter

Dual element radial seal air cleaner

120 amp alternator

925 CCA 12-volt battery

Engine side panel

Anti-freeze to -34°F

Pusher fan

Radiator - Anti-sandblast

DRIVETRAIN

Dual path infinitely variable, single-lever controlled hydrostatic drive with electronic straight tracking & counter-rotation

Final drive:

Triple reduction; helical gear/planetary decelerator with hydrostatic drive retardation

Decelerator with hydrostatic drive retardation

Automatic spring-applied parking brake 10 incremental speed settings - Operator

preference settings for max speed, shuttle sensitivity and steering sensitivity

BLADE

52° - 60° variable pitch

Single lever control for blade lift, angle and tilt

90 in (2.29 m) blade 650M LT

96 in (2.44 m) blade 650M LT/WT

109 in (2.8 m) blade 650M WT

120 in (3.0 m) blade 650M LGP

UNDERCARRIAGE

Hydraulic track adjusters

Easy clean track covers

Case sealed and lubricated track chain

Permanently lubricated track and

carrier rollers

H.D. track covers

Track adjuster guard

Track gauge - 56 in or 68 in

Track guides - front and rear

Length of track on ground - 85 in

High visibility track idler

Heavy duty track frame, sprocket and mounting pads

OTHER

Anti-vandalism package

Backup alarm

Hinged grill

Decelerator

Final drive seal guard

Hand throttle

Horn

Work lights:

2 front

1 rear

Master disconnect switch

Operator's manual enclosure

O-ring face seal hydraulic fittings

Pre-cleaner

Vertical spin-on hydraulic/filters

Hydraulics - 3 spool valve

Fuse circuit protection

Single key start switch

Pre-wired for work lights

Two additional power sources availabe for

heater, air seat or auxiliary 12 volt power port

Crankcase

Transmission bottom

CASE ProCare - 3-yr/3000-hr factory warranty, 3-yr/2000-hr planned maintenance and SiteWatch™ Telematics

TELEMATICS

CASE SiteWatch™ Telematics - includes hardware and a 3-vr Advanced data subscription

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Cab with heater, 22,700 BTU (6.65 kW)/hr air conditioner, defroster, front windshield washer and 2F-1R lights

3 in (76 mm) seat belt

Deluxe air suspension seat

HYDRAULICS

4 spool hydraulic valve for field-installed ripper

REAR MOUNTED EQUIPMENT

Ripper, parallelogram 5 slots with 3 shanks

BLADES

90 in (2.29 m)

96 in (2.44 m)

109 in (2.77 m)

120 in (3.05 m)

GUARDS

Brush guards (Sweeps) Center rockguard

SCREENS

Rear ROPS and cab

Side ROPS

Radiator brush screen

OTHER

Case Max-Life track

Cold start aid (Grid Heater)

Counterweight, front

Drawbar

Front pull hook

Lights - halogen, 2 front, 1 rear for

cab or ROPS

Retrieval hitch

Special paint

Turbo precleaner

Winch drive PTO

Rear Wiper for cab Lights without brush guard

Lights with brush guard

Diagnostics check fittings

Environmental drains

Lift/Tow decals (Export)

CaseCE.com

©2019 CNH Industrial America LLC. All rights reserved. CASE is a trademark registered in the United States and many other countries. owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. CNH Industrial Capital is a trademark in the United States and many other countries, owned by or licensed to CNH Industrial N.V., its subsidiaries or affiliates. Printed in U.S.A. Contains 10% post-consumer fiber.

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment is biodieselfriendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



SAFETY" Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE201908650M

Replaces Form No. CCE201905650M