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State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

#### Request for Quotation

RFQ NUMBER 7012EC10

ADDRESS CORRESPONDENCE TO ATTENTION OF

PAG	E
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ALAN CUMMINGS

GH-P

State Equipment, Inc. P.O. Box 3939 Charleston, WV 25339

TYPE NAME/ADDRESS HERE

DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
ROUTE 33
BRUSHY FORK ROAD
BUCKHANNON, WV
26201 304-4

304-472-1750

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### GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
- 5. Payment may only be made after the delivery and acceptance of goods or services.
- 6. Interest may be paid for late payment in accordance with the West Virginia Code.
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Altorney General, is available online at www.state,wv.us/admin/purchase/vrc/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

#### INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

#### Request for Quotation

7012EC10

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF

ALAN CUMMINGS 304-558-2402

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DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV 26201 304~4

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## Request for REONUMBER 7012EC10

7012EC10

ADDRESS CORRESPONDENCE TO ATTENTION OF

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ALAN CUMMINGS 304-558-2402

DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV 26201

304-472-1750

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DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
ROUTE 33
BRUSHY FORK ROAD
BUCKHANNON, WV
26201 304-4

304-472-1750

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State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130 Charleston, WV 25305-0130

# Request for Guotation 7012EC10

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DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV

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#### Request for Quotation

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ALAN CUMMINGS

304-558-2402

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DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD

BUCKHANNON, WV 26201 30

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DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV 26201 304-472-1750

TERMS OF SALE SHIP VIA F.O.B, FREIGHT TERMS 05/02/2012 NET 30 OUR TRUCK DESTINATION PREPAID BID OPENING DATE: 06/06/2012 BID OPENING TIME 01:30PM LINE QUANTITY UOP ITEM NUMBER UNIT PRICE AMOUNT PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-776-4409 CONTACT PERSON (PLEASE PRINT CLEARLY): EDWARD M. ROWAN, JR. ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION. \*\*\*\* THIS IS THE END OF REQ \$111,769.00 7012EC10 \*\*\*\*\* TOTAL: SEE REVERSE SIDE FOR TERMS AND CONDITIONS SIGNATURE 304-776-4405 6-26-2012 TITLE GENERAL MANGER FEIN 550658298 ADDRESS CHANGES TO BE NOTED ABOVE



State of West Virginia Department of Administration Quotation Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

WV PURCHASING ACA SECT Fax 304-558-4115 Jun
Request for

7012EC10

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ALAN CUMMINGS 304-558-2402

\*709054014

304-776-4406 STATE EQUIPMENT INC

PO BOX 3939

CHARLESTON WV 25339

DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV

26201 304-472-1750

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# PRE-BID CONFERENCE SIGN IN SHEET

Request for Quotation Nur	mber: <b>7012EC10</b>	Date:	5/24/2012 10:30
Project Description:	Hydraulic Track Ex	cavators	
PLEASE PRINT LEGIBLY	7. THIS INFORMATION IS ESSENTIAL TO CO S IN YOUR COMPANY GETTING IMPORTANT	NTACT THE ATTENDEES IN A	TIMELY MANNER. FAILURE TO DO SO
Firm Name: Firm Address:	DOH	Firm Name: Firm Address:	P.O. Box 1647 Elkins, UN 26241
Represenative Attending: Phone Number: Fax Number: Email Address:		Represenative Attending: Phone Number: Fax Number: Email Address:	David Cageered 304.682-9826 3021-636-3516 Gaggeorddourd (a) LEC 1.6m
Firm Name: Firm Address:	LUEST VIRGINIA TRACKOR P.O. BOX 433 CLARLESZOW (LV 25322	Firm Name: Firm Address:	C.I. WALKER MACHIPERY CO. P.O. Dox 2427 CHARLESTON, WV 25329
Represenative Attending: Phone Number: Fax Number: Email Address:	GAP4GRAD4 204.346-5301 204.346-5305 VMOTOREMIZM, CUM	Represenative Attending: Phone Number: Fax Number: Email Address:	Matt Comper (304) 543-5406 (304) 759-6406 monner B walker Cat. com
Firm Name: Firm Address:	RISH EQUIPMENT CO. 1650 WINFIELD RD ROUTE BIT ST. ALBANS, WV 25177	Firm Name: Firm Address:	MH Favirment Co. 126 Cakenew Dr. Charleston, WV 25313
Represenative Attending: Phone Number: Fax Number: Email Address:	TRAS BANOTE  304-755-3311  304-755-3603  Toggett @ 054 5000	Represenative Attending: Phone Number: Fax Number: Email Address:	Erie W Shock 304-741-3569

### PRE-BID CONFERENCE

### SIGN IN SHEET

Request for Quotation Num	ber: 7012EC10	Date:	5/24/2012 10:30
Project Description:	Hydraulic Track Exc	avators	
PLEASE PRINT LEGIBLY. MAY RESULT IN DELAYS	THIS INFORMATION IS ESSENTIAL TO CON- IN YOUR COMPANY GETTING IMPORTANT B	TACT THE ATTENDEES IN A ID INFORMATION.	TIMELY MANNER. FAILURE TO DO SO
Firm Name: Firm Address:	STATE GUIDMENT, INC. P.O. Box 3939 Chameston (UND5339	Firm Name: Firm Address:	WY DOH
Represenative Attending: Phone Number: Fax Number: Email Address:	EDDIÉ ROUME, JA 304-776-4405 364-776-4409 O STATECQUIPMENT. COM	Represenative Attending: Phone Number: Fax Number: Email Address:	Michael J. Meely
Firm Name: Firm Address:	State Equipment INC POBOX 3939 Charleston, WV 25339	Firm Name: Firm Address:	WYDOH
Represenative Attending: Phone Number: Fax Number: Email Address:	Rex Vanater 304-776-4405 304-776-4409 reanty@State equipment.Com	Represenative Attending: Phone Number: Fax Number: Email Address:	Marcia Lee
Firm Name: Firm Address:	STATE EQUIPMENT IN PO BOX 3939 Charleston, UV 25339	Firm Name: Firm Address;	
Phone Number: Fax Number:	71m FALLECKER 304-776-4405 304-776-4409	Represenative Attending: Phone Number: Fax Number:	



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130 Charleston, WV 25305-0130

# Request for REONUMBER 7012EC10

7012EC10

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF: ALAN CUMMINGS 304-558-2402

DIVISION OF HIGHWAYS EQUIPMENT DIVISION ROUTE 33 BRUSHY FORK ROAD BUCKHANNON, WV 26201

304-472-1750

RFQ COPY TYPE NAME/ADDRESS HERE

DATE PRINT	(ED	TER	MS OF SAL	.E		SHIP VIA	8.565 F.	É.O.B.	FREIGHT TERMS
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TITLE GENERAL	MANGER	FE	5506 NI	558298					S TO BE NOTED ABOVE

### GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia.
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
- 5. Payment may only be made after the delivery and acceptance of goods or services.
- 6. Interest may be paid for late payment in accordance with the West Virginia Code.
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code.
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern the purchasing process.
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

#### INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

#### 7012EC10 ADDENDUM NO. 2

#### ADDITIONAL TERMS AND CONDITIONS

Various Legislative acts passed in the 2012 session require inclusion of certain provisions in all state contracts. Accordingly, this addendum will add the three provisions listed below to the solicitation and resulting contract entered into between the State of West Virginia and the vendor. In the event that the solicitation is not for construction or architectural/engineering work, sections 2 and 3 below will not apply.

1. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services may require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision.

The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

- 2. SUBCONTRACTOR LIST SUBMISSION: In accordance with W. Va. Code § 5-22-1, The apparent low bidder on a contract for the construction, alteration, decoration, painting or improvement of a new or existing building or structure valued at more than \$500,000.00 shall submit a list of all subcontractors who will perform more than \$25,000.00 of work on the project including labor and materials. This provision shall not apply to any other construction projects, such as highway, mine reclamation, water or sewer projects.
  - a. Required Information. The subcontractor list shall contain the following information:
    - 1. Bidder's name
    - TI. Name of each subcontractor
    - III. License numbers as required by W. Va. Code § 21-11-1 et. seq.

- Notation that no subcontractors will be used if the bidder will perform the work
- b. Submission. The completed subcontractor list shall be provided to the Purchasing Division within one business day of the opening of bids for review. Failure to submit the subcontractor list within one business day after the deadline for submitting bids shall result in disqualification of the bid.
- c. Substitution of Subcontractor. Written approval must be obtained from the Purchasing Division before any subcontractor substitution is permitted. Substitutions are not permitted unless:
  - I. The subcontractor listed in the original bid has filed for bankruptcy;
  - II. The subcontractor in the original bid has been debarred or suspended; or
  - III. The contractor certifies in writing that the subcontractor listed in the original bill fails, is unable, or refuses to perform his subcontract.
- 3. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

#### PREBID ADDENDUM 7012EC10

#### HYDRAULIC TRACK EXCAVATOR

#### CHANGES TO SPECIFICATIONS:

#### FROM:

2. Pricing Pages: 3<sup>rd</sup> Paragraph – 1<sup>st</sup> Sentence Notwithstanding the foregoing, the Purchasing Division may correct errors as its discretion.

#### TO:

2. Pricing Pages: 3<sup>rd</sup> Paragraph – 1<sup>st</sup> Sentence Notwithstanding the foregoing, the Purchasing Division may correct errors at its discretion.

#### FROM:

#### VI. DELIVERY AND RETURN

1. Delivery Time: Vendor shall deliver standard orders within 90 working days after orders are received.

#### TO:

#### VI. DELIVERY AND RETURN

1. Delivery Time: Vendor shall deliver standard orders within 180 working days after orders are received.

#### DELETE:

VI. <u>DELIVERY AND RETURN</u>
1. Delivery Time: 2<sup>nd</sup> and 3<sup>rd</sup> Sentences Vendor shall deliver emergency orders within one (1) working day after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

#### FROM:

#### VI. DELIVERY AND RETURN

1. Delivery Time: 4th Sentence A completed pilot model for inspection must be provided within 60 calendar days after receipt of the purchase agreement by the successful vendor.

#### TO:

#### VI. DELIVERY AND RETURN

1. Delivery Time: 4th Sentence

A completed pilot model for inspection must be provided within 120 calendar days after receipt of the purchase agreement by the successful vendor.

#### ADDENDUM NO. 2

#### PREBID ADDENDUM 7012EC10

#### DELETE:

#### VI. DELIVERY AND RETURN

3.0 Delivery Payment/Risk of Loss: 3<sup>rd</sup> Sentence

The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

#### DELETE:

#### VII. MISCELLANEOUS

2. Vendor Supply: Vendor must carry sufficient inventory of the Desired Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Desired Items contained in its bid response.

#### CHANGE NUMBERING SYSTEM ON THE FOLLOWING TO READ:

- 3. Reports to 2. Reports
- 4. Contract Manager to 3. Contract Manager
- 5. Mandatory Requirements to 4. Mandatory Requirements

#### ADD:

#### VII. MISCELLANEOUS

5. EXCEPTIONS TO NON-MANDATORY SPECIFICATIONS

Exception to a non-mandatory unit specification may be made by the bidder, providing the exception is not available from the manufacturer. Any such exception must be noted on the bidder's evaluation report and should be accompanied by supporting documentation/literature from the manufacturer. Any exception must be indicated on a separate attachment to the bidder's evaluation report and labeled as "Exception to Specifications". The state reserves the right to waive minor irregularities in bids or specifications in accordance with §148-1-4(f) of the WV Legislative Rules and Regulations.

#### ADDENDUM NO. 2

#### PREBID ADDENDUM 7012EC10

#### **EXHIBIT A**

#### VIII. SPECIFICATIONS:

#### DELETE:

- Vendor shall deliver standard orders within 90 working days after orders are received.
- A completed pilot model for inspection must be provided within 60 calendar days after receipt of the purchase agreement by the successful vendor.
- Vendor shall deliver emergency orders within one (1) working day after orders are received.
- 5. Standard order delivery shall be F.O.B. destination to the Agency's location: West Virginia Division of Highways, Equipment Division, Route 33 and Brushy Fork Rd, Buckhannon, West Virginia

#### CHANGE TO READ:

11. Unspecified Accessories & Features - 1<sup>st</sup> Paragraph 4<sup>th</sup> Line Change "qualify" to "quality"

# ADDENDUM NO. 2 PREBID ADDENDUM 7012EC10

-	-		
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1	1	IV.	ı.

12. Operating weight shall be minimum 28,000 pounds and maximum of 33,000 pounds including fuel, thumb, and bucket attached.

TO:

12. Operating weight shall be minimum 28,000 pounds and maximum of 35,000 pounds including fuel, thumb, and bucket attached.

#### QUESTIONS FROM VENDOR:

14. Do you need the capability to switch between one-way and two-way flow? RESPONSE: No

Do you want the thumb controlled by an actuator within the joystick or by a foot pedal? RESPONSE: Joystick

Is there a specific (or minimum/maximum) number of tines needed for the thumb? RESPONSE: No

#### COST SHEET

Item Number	Estimated Quantity*	Unit of measure	Description	Unit Price	Extended Amount
1	10	Each	Hydraulic Track Excavator YEAR/MAKE/MODEL: 2012 CASE CX145C	\$111,769.0	o \$1,117,690.00
			Total Amount		\$1,117,690.00

hereby Certify that the item being bid meets or exceeds specifications as written and I wil	1
omply with them all:	
STATE FOULTPMENT INC	

P.O. BOX 3939

CHARLESTON, WV 25339

Vendor name and address and representative bidding

Signature Date

WARRANTY AND SERVICE POLICY QUESTIONNAIRE

CHANGE HEADING TO READ: FROM:

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID.

TO:

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY. PRIOR TO AWARD.



SIGNATUR

GENERAL MANAGER

TITLE

State of West Virginia Department of Administration Purchasing Division 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

Solicitation

7012EC10

NUMBER

PAGE

ADDRESS CORRESPONDENCE TO ATTENTION OF:

ALAN CUMMINGS 304-558-2402

\*709054014 304-776-4406 STATE EQUIPMENT INC PO BOX 3939

CHARLESTON WV 25339

DIVISION OF HIGHWAYS
SH EQUIPMENT DIVISION
ROUTE 33
BRUSHY FORK ROAD

BUCKHANNON, WV 26201 304-472-1750

DATE PRINTED 06/10/2012 BID OPENING DATE: 06/27/2012 BID OPENING TIME 01:30PM CAT. LINE QUANTITY UOP ITEM NUMBER **UNIT PRICE AMOUNT** ADDENDUM NO. 03 ISSUED TO DISTRIBUTE INFORMATION IN THE ATTACHED DOCUMENTATION. 0001 EA 975-66 \$111,769.00 \$111,769.00 HYDRAULIC TRACK EXCAVATOR (1) CASE CX1450 7012EC10 \*\*\*\*\* TOTAL: \$111,769.00 THIS IS THE END OF REQ

FEIN 550658298

TELEPHONE

304-776-4405

6-26-2012

ADDRESS CHANGES TO BE NOTED ABOVE

### SOLICITATION NUMBER: 7012EC10 Addendum Number: 3

The purpose of this addendum is to modify the solicitation identified as 7012EC10 ("Solicitation") to reflect the change(s) identified and described below.

#### Applicable Addendum Category:

[ x ]	Modify bid opening date and time
[ ]	Modify specifications of product or service being sought
[ x ]	Attachment of vendor questions and responses
[ ]	Attachment of pre-bid sign-in sheet
[ x ]	Correction of error
r 1	Other

#### **Description of Modification to Solicitation:**

Issued to clarify specifications and change bid opening date from 06/13/12 at 1:30 P.M. to 06/27/12 at 1:30 P.M.

To change paragraph 1, on page #1 of the RFQ from "The West Virginia Purchasing Division for the Agency, the West Virginia Division of Highways, is soliciting bids to provide the agency with galvanized steel grid deck with accessories per the attached specifications" to "The West Virginia Purchasing Division for the Agency, the West Virginia Division of Highways, is soliciting bids to provide the agency with hydraulic track excavators per the attached specifications"

Further, to clarify the following found on page 8, Warranty and service policy questionnaire, of addendum no.2, from "THIS FORM MUST BE COMPLETED IN ITS ENTIRETY. PRIOR TO AWARD." to "THIS FORM MUST BE COMPLETED IN ITS ENTIRETY PRIOR TO AWARD."

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

#### **Terms and Conditions:**

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.

2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

### ATTACHMENT A

#### ADDENDUM #3 7012EC10

#### HYDRAULIC TRACK EXCAVATOR

SPECIFICATIONS:

13 Engine must be Tier 4

#### ADDENDUM ACKNOWLEDGEMENT FORM 7012EC10 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.

### Addendum Numbers Received:

(Check the box next to each addendum received)

[x]	Addendum No. 1	[	]	Addendum No. 6
[X]	Addendum No. 2	]	-]	Addendum No. 7
[X]	Addendum No. 3	[	]	Addendum No. 8
[ ]	Addendum No. 4	[	]	Addendum No. 9
[ ]	Addendum No. 5	]	]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that 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 Authorized Signature 6-26-2012 Date

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

### HYDRAULIC TRACK EXCAVATOR SPECIFICATIONS 310-1-E

#### RFQ 7012EC10

#### I. PURPOSE AND SCOPE:

The West Virginia Division of Highways is soliciting bids to establish an open-end contract for Hydraulic Track Excavators.

#### II. DEFINITIONS:

The terms listed below shall have the meanings assigned to then as follows:

- 1. "Agency" or "Agencies" means West Virginia Division of Highways
- 2. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the Desired Items as specified herein.
- 3. "Desired Item" or "Desired Items" means the list of items identified in Section III, Subsection 1 below.
- 4. "Pricing Pages" means the schedule of prices, estimated order quantity, and totals attached hereto as Exhibit A and used to evaluate the RFQ.
- 5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.
- 6. "RFQ" means the official RFQ published by the Purchasing Division and identified as RFQ 7012EC10.
- 7. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc.
- 8. "Vendor" or "Vendors" means the successful bidder(s).

#### III. GENERAL REQUIREMENTS

- 1. Desired Items and Mandatory Requirements: Vendor shall provide Agency with the Desired Items listed below. Desired Items must meet or exceed the mandatory requirements as shown in Exhibit A.
  - a. Shall be Kobelco SK135SR or equal

#### IV. CONTRACT AWARD

 Contract Award: The Contract is intended to provide Agency with a purchase price for the Desired Item listed above. The Contract shall be awarded to the Vendor that provides the lowest overall total cost for the items listed on the Pricing Pages. 2. Pricing Pages: Vendor should complete the Pricing Pages by completing the Make/Model, quoting the price, and signing that you can comply with all mandatory specifications. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bid being disqualified.

The Pricing Pages contain a list of the Desired Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

Notwithstanding the foregoing, the Purchasing Division may correct errors as its discretion. Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation, The Pricing Pages were created a Microsoft Excel document and Vendor can request an electronic copy for bid purposes on Purchasing's website <a href="https://www.state.wv.us/admin/purchase">www.state.wv.us/admin/purchase</a>.

#### V. ORDERING AND PAYMENT

- 1. Ordering: Vendor shall accept orders by regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Any on-line ordering system must have the capability to restrict prices and available items to conform to the Catalogue originally submitted with this RFQ. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

#### VI. DELIVERY AND RETURN

- 1. Delivery Time: Vendor shall deliver standard orders within 90 working days after orders are received. Vendor shall deliver emergency orders within one (1) working day after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met. A completed pilot model for inspection must be provided within 60 calendar days after receipt of the purchase agreement by the successful vendor.
- 2. Late Delivery: The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for:
  - (a) Cancellation of the Contract, and
  - (b) Obtaining the Desired Item from a third party.

Any Agency seeking to obtain the Desired Items from a third party under this provision must first obtain approval of the Purchasing Division.

- 3. Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency, 10 location: West Virginia Division of Highways, Equipment Division, Route 33 and Brushy Fork Road, Buckhannon, West Virginia. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.
- 4. Return of Unacceptable Items: Items that Agency deems unacceptable shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable or permit the Agency to arrange for the return and reimburse agency for delivery expenses. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.

#### VII. MISCELLANEOUS

- 1. No Substitutions: Vendor shall supply only Desired Items submitted in response to the RFQ. Vendor shall not supply substitute items.
- 2. Vendor Supply: Vendor must carry sufficient inventory of the Desired Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Desired Items contained in its bid response.
- 3. Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- 4. Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract.
- 5. Mandatory Requirements: The terms "must", "will", "shall", "minimum", "maximum", or "is/are required" identify a mandatory contract requirement. Decisions regarding compliance with any mandatory requirements shall be at the sole discretion of the Purchasing Division. Failure on the part of the Vendor to meet any of the mandatory specifications shall result in disqualification of the bid.
- 6. Waiver: The failure of either party to insist upon a strict performance of any of the terms or provisions of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in remain in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.

#### EXHIBIT A

#### VIII. SPECIFICATIONS:

Hydraulic Track Excavator to meet or exceed the following specifications:

1. Mandatory Specifications

A mandatory pre-bid conference is scheduled for this equipment purchase as stated in the RFQ.

Vendors having products with variations or exceptions in specified mandatory items are expected to address any such variations or exceptions during the pre-bid conference.

The State shall review and consider any such variation or exception, and may at its sole discretion, issue an addendum to change mandatory specifications deemed to be in the State's best interest.

Bids from any vendor failing to attend the mandatory pre-bid shall be disqualified.

Bids containing any variation or exception to a mandatory specification that was not addressed during the pre-bid conference and accepted by the issuance of an Addendum shall be disqualified.

- 2. Vendor shall deliver standard orders within 90 working days after orders are received.
- 3. A completed pilot model for inspection must be provided within 60 calendar days after receipt of the purchase agreement by the successful vendor.
- 4. Vendor shall deliver emergency orders within one (1) working day after orders are received.
- Standard order delivery shall be F.O.B. destination to the Agency's location: West Virginia Division of Highways, Equipment Division, Route 33 and Brushy Fork Road, Buckhannon, West Virginia
- 6. The unit specified herein and offered to be manufactured after January 1, 2012 and be clearly identified and marked with date of manufacture.
- 7. Operating and Service Manuals and Parts Lists

An operator's manual must be included with each unit upon delivery.

A "line sheet" (if applicable) and Equipment Preventative Maintenance Questionnaire <u>must be with pilot unit upon delivery.</u>

There must be 12 service/shop/maintenance manuals; ten for the ten (10) Districts and two (2) for Equipment Division. Also must be 14 parts manuals; ten (10) for the ten (10) districts and four (4) for the Equipment Division. CD ROM is preferred in lieu of parts manuals.

Manuals shall be delivered upon completion of delivery of total units. Failure to do so will delay payment.

#### 8. Training:

Manufacturers and/or dealers will be required to stage a thorough seminar on the subjects of Preventative Maintenance, Operator, and Mechanic Training.

In order to keep operators and mechanics updated, the successful yendor shall conduct training with each purchase order against this open end contract.

Manufacturers and/or dealers shall be required to furnish the Training Academy with one (1) Operator's Manual to be shipped direct to WVDOH Training Academy, Post Office Box 610, Buckhannon, West Virginia 26201 prior to delivery of pilot.

Seminar to be held at W. Va. Division of Highways, Equipment Division, Buckhannon, WV

#### 9. Preventative Maintenance and Operator Procedures:

Manufacturers and/or dealers will be required to submit to the Equipment Division, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventative Maintenance and Operator Procedures to be used by the operators of this equipment, and must include such things as daily prestart inspection procedure, service schedule, and routing maintenance required, safety precautions, etc.

The successful vendor shall furnish all training aids; i.e. videos, projectors, etc. required in conducting the training.

#### 10. Warranty and Service Policy:

The unit must be accompanied upon delivery by the unit's manufacturers executed warranty or service policy.

A mandatory minimum two (2) year bumper to bumper basic parts and labor warranty regardless of hours and excluding abuse and normal wear items is required for this unit.

The Warranty and Service Policy Questionnaire must be completed in its entirety and submitted with your bid package.

### 13 11. Unspecified Accessories & Features

All parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, must be furnished with each unit and required to conform to strength, qualify of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry.

All parts and accessories advertised and regularly supplied as standard shall be included, except those which would represent duplication of these specified and except those which, by specification, are not to be furnished.

All standard safety features, required by Federal and State Law, shall be included.

- 12. Operating weight shall be minimum 28,000 pounds and maximum of 33,000 pounds including fuel, thumb, and bucket attached.
- 13. Engine shall be 84 horsepower minimum; turbocharged diesel Tier 4

Pressurized liquid cooling system with thermostat, filled with manufacturers approved extended life permanent type anti-freeze that provides freeze protection to at least -30 degrees F.

Air cleaner, double element with auto dust evacuation.

Fuel filtering system shall be manufacturer's heaviest duty available.

Dust proof net for radiator and oil cooler should be provided.

Manufacturer's heaviest duty electrical system shall be provided.

#### 14. Hydraulic System:

Hydraulic system to maintain manufacturers recommended safe oil temperature within recommended operating range during continuous operation under maximum working combinations.

System to have manufacturer's heaviest variable capacity piston type pumps with load sensing for maximum efficiency.

Boom length shall be minimum 15 feet and should be controlled by two (2) hydraulic cylinders.

Arm length shall be minimum 8 feet and should be controlled by one (1) hydraulic cylinder and equipped with multi function hydraulics with piping to the end of arm with foot controls. And shall include shut off valve at end of piping.

Unit shall be equipped with a hydraulic thumb minimum of 18 inches x 46 inches.

Tine thickness of thumb to be 1 inch with a pin diameter of approximately 2 inches.

Bucket to be approximately 0.60 cubic yard capacity, shall be with teeth and side cutters and controlled by one (1) hydraulic cylinder.

Drive shall be hydrostatic design with independent track control.

Wet multiple disk brakes that automatically release while propelling and apply when stationary.

Unit swing shall be capable of 360 degrees.

Swing speed should be approximately 10 R.P.M.

Swing brake shall be SAHR for safety.

Unit shall be joystick controlled with a minimum of one (1) additional actuator for auxiliary hydraulics.

#### 15. Undercarriage:

Undercarriage frame shall be manufacturers standard for model bid.

Unit shall have sealed type track.

A minimum of one (1) top carrier roller each side for proper track support.

Track guides shall be provided to prevent track misalignment.

Track adjustment shall be of hydraulic design.

Shall have manufacturer's triple grouser shoes.

Track length minimum 11 feet.

Limited tail swing 5.1 feet including manufacturers needed weight(s)

#### 16. Cab shall be all weather steel isolation mounted.

Unit will have a deep cushioned fully adjustable seat with padded arm rests.

Cab shall be equipped manufacturers heater and air condition system.

Cold weather starting aid shall be provided.

Cab should be equipped with front windshield wiper and washer, intermittent features.

Manufacturer's vandalism protection package shall be provided. The vandalism protection package shall include locking cab doors, locking compartments for engine and hydraulic components, locking fuel and radiator access and electrical cut-off switch. All locks except master switch shall be keyed alike.

Also to be included:

VELDALLEDALODEL NU

Interior cab light.

Work lights at boom and cab for sufficient night shift operations,
Tinted safety glass at all locations, and
AM and FM radio with antenna.

#### 17. Paint:

Unit will be painted manufacturers standard color.

Manufacturers standard plant painting procedures for cleaning, degreasing, preparing, priming and painting are sufficient to meet the requirements for painting unit.

- 18. Vendor must certify that unit offered will meet or exceed the "Occupational Safety and Health Act or 1970" and subsequent amendments.
- 19. Advertising: No visible decals or name plates or painted on names representing the manufacturer or model number or trademark should appear on the exterior surface of the unit. Such logos created through the stamping or casting process of manufacture are accepted.

YEAR/MAKE/MO	DEL BID; 2012 CASE CX145C
LUMP SUM BID, N	MEETING ALL SPECIFICATIONS ABOVE: \$111,769.00 (EACH) \$1,117,690.00 FOR 10 UNITS
I hereby certify that the iterall:	being bid meets or exceeds specifications as written and I will comply with them
	STATE EQUIPMENT, INC
	P.O. BOX 3939
	CHARLESTON, WV 25339
	EDDIE ROWAN, JR.
	Vendor name and address and representative bidding

6-26-2012

Date

#### EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY BY SUCCESSFUL BIDDER OR MANUFACTURER'S TECHNICAL REPRESENTATIVE PRIOR TO DELIVERY OF PILOT MODEL TO THE WYDOH.

DESCRIPT	ION:	****	MA	KE:	· · · · · · · · · · · · · · · · · · ·	
Mo	ODEL:		YEAR:	PUR	CHASE AMOUNT:	
ENGINE:	MAKE:		MODEL:		_ FUEL TYPE:	
	HORSEPOWER: _		CYLINDER: _	ENC	GINE SERIAL:	
	COOLING SYSTEM	м САРАСІТУ: _				
BELTS:	DESCRIPTION:			PART NUMI	BERS:	
GVW:		_AXLE CAPAC	ITY: FRONT: _			REAR:
TIRES:	FRONT MAKE & S	SIZE:				
	REAR MAKE & SI					
DIMENSIO	NS OF UNIT:	LENGTH:		WIDTH:		LENGTH:
VENDOR C	CONTACT PERSON:				PHONE:	
PARTS:						
BATTERY	MAKE:		MODEL:		CCA:	
TOP OR SII	DE POST:		DIMENSIONS	: LENGTH	WIDTH	HEIGHT
SPARK PLU	JGS OR FUEL INJE	CTORS MAKE:		PART#		
FUEL PUM	P OR INJECTION P	JMP MAKE:		MODEL:		
ALTERNA'	FOR MAKE:			PART#:		
STARTER	MAKE:			PART #:		
LOKBO CH	ARGER MAKE:	MODE	\T	PART#:	111000111111	
HYDRAUL	IC PUMP MAKE: _	MODE	sL:	MODEL:	_ AUTO/MANUAL	
	MAKE		LUBI			
OIL			ENGI	NE		
AIR INNER	~		TRAN	NOISSIME		
AIR OUTER	₹		POW	ER STEERING		
PUEL PKIN	IAKY		HYD	RAULIC		
FUEL SECO	DNDARY		DIFFI	ERENTIALS		
COOLANT			BRAI	KE FLUID		
HYDRAUL	IC		COOl			
OTHER			OTHI			

# WARRANTY AND SERVICE POLICY QUESTIONNAIRE THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID. (If additional lines are needed, make copies of form.)

12	MONTHS OR 1,800 HOURS					
24	MONTHS OR 2,000 HOURS-	ENGINE				
manul WARR	facturer's representative facilit	formed at DOH facilities and warranty service to be performed at y. List name and location of manufacturer's representative.  ORMED AT STATE EQUIPMENT, INC. FACILITIES LOCATED IN  WV BEAVER, WV PARKERSGURG, WV				
CROB	b Emilio ( W ) BRIDGE OKT (	DELIVER IN TARRESTORY				
	\ <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	s that are within the State of West Virginia. Also, list availability levels, if				
knowi CF	n. ROSS LANES,WV        BEAVE	CR,WV BRIDGEPORT,WV PARKERSBURG,WV				
	in the second se					
	ring the term of warranty, list to will sell the parts to owner.	he guarantee discount to manufacturer's published list price for parts that				
orador	•					
A.		facturer's published list price less: % discount				
В. С.		facturer's published list price less:% discount facturer's published list price less:% discount				
5, Dui Highv	7.000 A 3 10.000 A	all manufacturers or engineering improvements be submitted to Division ofXYESNO				
6. Dui	ring the term of warranty, list	he guaranteed rates charged for repair to the unit.				
A.	Shop Rate	\$ 90.00 per mechanic hour				
В.	Travel Time Charge (Specify if one-way)	\$ 90.00 per mechanic hour; port to port X				
C.	Mileage Charge (Specify if one-way	\$_ 2.15 per vehicle mile; port to port _X				
D.	Field Mechanic Rate	\$ 90.00 per mechanic hour				
E.	Specify period of time that prices are in effect: 12 MONTHS					
F	Surcharge for miscellaneous	items: 0 %				

# COST SHEET

Item Number	Estimated Quantity*	Unit of measure	Description	Unit Price	Extended Amount
1	10	Each	Hydraulic Track Excavator 2012 CASE CX 145C	\$111,769.0	00 \$1,117,690.00
			Total Amount		\$1,117,690.00



# STATE EQUIPMENT, INC.

PO BOX 3939 CHARLESTON WV 25339 PHONE: 304-776-4405

FAX: 304-776-4409

INFO@STATEEQUIPMENT.COM WWW.STATEEQUIPMENT.COM

THE CASE CX145C EXCAVATOR WILL MEET OR EXCEED THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND SUBSEQUENT AMMENDMENT.

#### PURCHASED PROTECTION PLAN MASTER PARTS SCHEDULE

#### CONSTRUCTION EQUIPMENT

#### **NEW EQUIPMENT**

This Plan excludes protection for any failure to any component caused by or resulting from the failure of a component not listed on the "Master Parts Schedule", including any resulting damage to a "covered component". "Covered components" vary by Plan Option and are limited to those under the purchased Plan Option. See the Terms and Conditions document for complete Plan details.

#### POWERTRAIN PLAN OPTION COVERED COMPONENTS

ENGINE and all internal lubricated components within Engine Components Covered after Emission Warranty Accessory Gears Charge Air Cooler

Enclosed Oil Immersed Chains and Sprockets Camshaft Electronic Engine Control Module Final Drive Pinion Camshaft Bearings EGR System Manifold Final Drive Planetary Gears

Camshaft Drive Gear Injection Pump Front Wheel Drive Sensors Connecting Rods & Bearings Injectors Hydraulic Drive / Travel Motor Crankshaft Bearings & Gear Intake and Exhaust Manifold And Gaskets Hydraulic Drive Pump Hydraulic Transmission-Control Valve

Crankshaft Including Front And Rear Crankshaft Seals Turbocharger And Gasket

Cylinder Heads! Head Gaskets Cylinder Liners COMPACTION/PAVING EQUIPMENT

Engine Block Eccentric Mechanism & Bearings Hydrostatic Transmission Charge Pump Engine Oil Cooler Drum Seals Hydrostatic Transmission Pump Engine Speed Controls, Linkages, and Cables Propulsion System Hydraulic Components Internal Lubricated Clutch Housings

Internal Transmission Control Linkage Flywheel, Ring Gear Pump Drive Front And Rear Engine Covers And Seals Reduction Unit Internal Wet Service Brakes Front Damper Splitter Box

MFWD Axle/Differential Assembly including Driveshaft and U Joint Oil Pan And Gasket Torque Hubs Planetary Gear Carrier Oil Pump Vibration System Hydraulic Components IPTO Clutch Housing (Scraper Tractors Only)

Pistons & Rings Rotary Hydraulic Manifold Pressure/Temperature Sensors & Sending Units TRANSMISSIONS/AXLES/HYDROSTATICS Splitter Drive/Drop Box Rocker Arm Assembly Swing Motor And Swing Gear Box Axle Housing

Thermostats Axle Shaft Turntable Bearing Timing Gears Clutch Discs (Wet Only) Torque Converter Valve Cover And Gasket Clutch Plates (Wet Only) Torque Converter Pump Water Pumps Counter Shaft Clutch Transfer Drive

Differential Housing Transmission Case Differential Pinion Gear / Ring Gear Transmission Gears, Bearings, & Shafts

Drive Axle Hub Transmission Pump Drive Shaft with Universal Joints Travel Control Valve

Drive Shaft Support Bearing Travel & Swing Sections (only) Of Main Control Valve

TRANSMISSIONS/AXLES/HYDROSTATICS CONTINUED

Rubbing, Chafing, Loose Or Corroded Connections

Hydrostatic/Hydraulic Pump Drives

Hydrostatic Motor

Electronic Transmission Controller and Valve Wet Steering Clutches

#### POWERTRAIN EXCLUSIONS

Engine/Transmission Mounts, Hoses And Fittings, Filters, Belts, Pulleys, Lubricants, Antifreeze, Burnt And/Or Pitted Valves, Radiator, Wining Harnesses, Breathers, Adjustments, Dry Clutches, Batteries, Electrical Components Not Listed Above, Pipes, And Gauges'

#### POWERTRAIN PLUS HYDRAULIC PLAN OPTION COVERED COMPONENTS

All components listed under the Powertrain Plan Option, plus:

Accumulator And Related Relief Valve Hydraulic Cylinders Hydraulic Reservoir Brake Accumulator Hydraulic Hoses and Piping Hydraulic Valves Brake Pressure Sensor Pilot Control Brake Pump, Brake Valve Hydraulic Oil Coolers Pressure Reducing Valves Differential Lock Valve Hydraulic Pumps Unloading Valves

an Pumps And Motors

#### POWERTRAIN PLUS HYDRAULIC EXCLUSIONS

All Powerfrain Exclusions, (except Hydraulic Hoses and Fittings), plus Air and Water Hoses (Including Fittings), External Hydraulic Seals, External O-Rings And Bonded Washers, Hydraulic Quick Couplers, Oil, Filters, Breathers, Hose Chafing, and Adjustments\*

#### PREMIER PLAN OPTION COVERED COMPONENTS

All components listed under the Powertrain and Powertrain + Hydraulics Plan Options, plus ENGINE **FACTORY INSTALLED HEAT AND AIR CONDITIONING** ELECTRICAL Engine Mounts And Supports Accumulator Alternator Filter Mount Clutch Gauges

Fuel Lines Compressor Horn Fuel Tank Condenser Indicators Fuel Transfer Pump & Gasket Dryer Instruments Oil Filler Tube Evaporato Electronic Joysticks Oil Lines Expansion Valve Electric Motors Pullevs Heater Core Sensors Radiator Solenoid Valves Hoses Water Piping Starter And Starter Solenoid Fan And Fan Drive Seals & Gaskets Switches Air Intake Hose Temperature Control Programmers and Valves Traction Control System

Engine Components Covered after Emission Warranty

Voltage Regulator TRANSMISSION / AXLES / HYDROSTATICS Catalytic Converter Wiring Harnesses Diesel Particulate Filter Control Rods Wiring Harnesses Exclusions

Selective Catalytic Reduction System External Oil Lines Diesel Exhaust Fluid Tank and Dispensing System Filler Tubes (Transmission)

Cold Start Enrichment Systems Pneumatic Valves STRUCTURAL

Sensors, Solenoids & Wiring Harnesses used in these systems Undercarriage Roller And Idler Seals And Bearings Backhoe Booms Undercarriage Tensioners Backhoe/Excavator Dipper Sticks

UNDERCARRIAGE EXCLUSIONS: Sprocket, Tracks, Pads, Bolts, Chains, Or Any Failure Wheel Loader/Skid steer Loader Arms Due To Wear, Or Breakage Caused By Wear

#### PREMIER EXCLUSIONS

Filters, Belts, Lubricants, Antifreeze, Burnt And/Or Pitted Valves, Breathers, Batteries, Electrical Components Not Listed Above, External Hydraulic Seals, Dry Clutches, External O-Rings And External Bonded Washers, Hydraulic Quick Couplers, Hose Chafing, and Adjustments\*

#### PURCHASED PROTECTION PLAN MASTER PARTS SCHEDULE

#### CONSTRUCTION EQUIPMENT

#### **NEW EQUIPMENT**

This Plan excludes protection for any failure to any component caused by or resulting from the failure of a component not listed on the "Master Parts Schedule", including any resulting damage to a "covered component". "Covered components" vary by Plan Option and are limited to those under the purchased Plan Option.

See the Terms and Conditions document for complete Plan details.

#### STRUCTURAL PLAN OPTION COVERED COMPONENTS

This is a stand-alone plan option and must be purchased separately

Backhoe Booms Engine Frame

C Frame Equipment Frame Moldboard Lift Arm
Car Body Excavator Booms Rollover Protection Structure (ROPS)
Chassis Forklift Masts Swing Frame

Circle Frame Loader Arms
Dipper Stick

#### STRUCTURAL EXCLUSIONS

Track Frame

Pivot Pins, Forks, Carriages, Swingpost, Pivot Pin Bushings, Loader/Backhoe Links, 3-Point Hitch Linkage, Extending Dipper Wear Strips, Detendration Due To Use Of Non Factory Approved Attachments, Front Shovels/Buckets, Backhoe Buckets, Including Teeth/Side-Cutters, Wear Pads, Hose Routing Guides \*

#### BACKHOE STRUCTURAL PLAN OPTION COVERED COMPONENTS

This is a stand-alone plan option and must be purchased separately

Backhoe Main Boom Standard Dipper Arms

Inner and Outer Dipper Arms of the Extendable Boom

Swing Tower Castings

#### ENGINE

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100 hp (74.9 kW) @ 2000 RPM

265 lb·ft (359 N·m) @ 1600 RPM

110° to -13°F (43° to -25°C)

Requires low-ash oil (CJ-4)

at 55% concentration

#### SERVICE CAPACITIES

Net maximum torque - SAE J1349

Cooling

Oil

42 gal (252 L)
42 gai (252 L)
20 gal (114 L)
4.5 gal (23.1 L)
3.2 qt (5.0 L)
2.4 qt (5.0 L)
4.0 gal (15.3 L)

#### ELECTRICAL

Voltage	24 Volts
Alternator rating	50 amp
Batteries Battery reserve capacity	2 x 12 Volt 72 Ah / 5 hour
Work lights (4) (1 x boom;	24 Volt / 70 watt 1 x upper; 2 x cab)

#### SWING WECHANISM

Swing speed	0 - 10.6 RPM
Swing torque	27,400 lb·ft (37,000 N·m)
Swing brake	Mechanical disc

#### UNDERCARRIAGE

Length	12 ft 4 in (3.76 m)
Track gauge	6 ft 6 in (1.99 m)
Carrier rollers	2 per side
Track rollers	7 per side
Shoes-triple grouser	47 per side
Shoe width (std.)	23.6 in (600 mm)
Link pitch	6.8 in (172 mm)
Track:	

Grease lubricated / strutted

Single

Hydraulic

Open center

### Adjustment

GROUND PRESSURE

@ Standard operating weight	5.22 psi (.36 bar)
w/ 23.6 in (600 mm) triple semi-grouse	***

#### HYDRAULICS

System design

Travel motor

Chain

Guides

	2202 November 2011 August 2012 August 2012
Main pumps T	wo variable displacement/ axial pistons
Max. rated flow	2 x 34.1 gpm (2 x 129 L/min)
System pressures:	
Boom, arm & bucke Boom, arm & bucke	
w/ power boost	5,260 psi (370 bar)
Travel circuits	4,970 psi (350 bar)
Swing circuits	4,060 psi (286 bar)
Pilot pump	1 x gear design
Max. capacity	5.3 gpm (20 L/min)
Controls with boom /a	arm holding valve
Right track travel, bucket, boom and arm acceleration.	Four-spool section
Left track travel, auxiliary, swing, boom acceleration.	Five-spool section
Work Mode Selections	s SP: Speed priority H: Heavy duty A: Automatic
Swing motor	Fixed displacement axial piston
Swing final drive	Planetary gear reduction

#### HYDRAULIC CYLINDERS

Boom cylinders	Two (2)	
Cylinder bore	4.1 in (105 mm)	
Cylinder rod diameter	3.0 in (75 mm)	
Cylinder stroke	44.1 in (1120 mm)	
Arm cylinder	One (1)	
Cylinder bore	4.5 in (115 mm)	
Cylinder rod diameter	3.3 in (65 mm)	
Cylinder stroke	43.6 in (1108 mm)	
Bucket cylinder	One (1)	
Cylinder bore	3.7 in (95 mm)	
Cylinder rod diameter	2.6 in (65 mm)	
Cylinder stroke	34.7 in (881 mm)	

#### DRIVETRAIN

Travel control	Dual stage relief / counter balance design
Brakes	Mechanical disc
Service brakes	SAHR disc (each motor)
Two speed travel:	
Max. high speed	3.5 mph (5.6 kph)
Max. low speed	2.1 mph (3.2 kph)
Automatic downshift	
Drawbar pull	26,100 lbf (116 kN)
Gradeability	70% (35° slope)

#### CAB AND CONTROLS

Air-conditioner output	18,100 BTU/hr
Heater output	20,150 BTU/hr
Sound level—ISO6395 (Inside cab)	70 dBa
Electrical outlet	12 Volt
Cab interior light (1)	10 watt
Rear-view camera (1)	Standard
Seat	Air-suspension

#### ATTACHMENTS

Boom	15 ft 2 in (4.63 m)
Arm options	8 ft 2 in (2.50 m)
Bucket digging force*	20,200 lbf (90 kN)
w/ Auto Power-Boost	21,400 lbf (95 kN)
*Digging force ratings based on ISC	06015

#### **OPERATING WEIGHT**

Operating weight	31,967 lb (14,500 kg)
w/ shoes	23.6 in (600 mm)
w/ boom	15 ft 2 in (4.72 m)
w/ arm	8 ft 2 in (2.50 m)
w/ bucket	880 lb (400 kg)
w/ counterweight	8,160 lb (3,700 kg)
w/ operator / full fuel	/ standard equipment

Planetary gear reduction
Two-speed independent
travel/axial piston

#### **CX145C SR LC LIFT CAPACITIES**

8 ft 2 in (2.50 m) Arm Lift capacities calculated using a 900 lb (408 kg) bucket, 8,160 lb (3700 kg) counterweight and 23.6 in (600mm) shoes.

Load (Lift Point)		i ft 5 m)		) ft m)		5 ft 5 m)		O ft m)	25 (7.5	ft om)	М	AXIMUM REAC	СН
Height	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	e	END	SIDE
+25 ft (7.5 m)					4,850 lb* (2200 kg)*	4,850 lb* (2200 kg)*					16 ft 8 in (5.08 m)	2,950 lb* (1338 kg)*	2,950 lb* (1338 kg)*
+20 ft (6 m)					6,350 lb* (2880 kg)*	6,350 lb* (2880 kg)*	4,800 lb* (2177 kg)*	4,800 lb* (2177 kg)*			21 ft 9 in (6.63 m)	2,500 lb* (1134 kg)*	2,500 lb* (1134 kg)*
+15 ft (4.5 m)					8,050 lb* (3651 kg)*	7,700 lb (3493 kg)	6,400 lb* (2903 kg)*	4,750 lb (2155 kg)			24 ft 7 in (7.49 m)	2,350 lb* (1066 kg)*	2,350 lb* (1066 kg)*
+10 ft (3 m)	28,250 lb* (12 814 kg)*	28,250 lb* (12 814 kg)*	15,700 lb* (7121 kg)*	14,250 lb (6464 kg)	10,350 lb (4695 kg)	7,350 lb (3334 kg)	6,400 lb (2903 kg)	4,550 lb (2064 kg)	4,350 lb (1973 kg)	3,050 lb (1383 kg)	26 ft 0 in (7.92 m)	2,350 lb* (1066 kg)*	2,350 lb* (1066 kg)*
+5 ft (1.5 m)			19,750 lb (8958 kg)	12,900 lb (5851 kg)	9,800 lb (4445 kg)	6,850 lb (3107 kg)	6,150 lb (2790 kg)	4,300 lb (1950 kg)	4,250 lb (1928 kg)	2,950 lb (1338 kg)	26 ft 3 in (8.00 m)	2,500 lb* (1134 kg)*	2,500 lb* (1134 kg)*
Ground- line	6,250 lb* (2835 kg)*	6,250 lb* (2835 kg)*	18,500 lb (8391 kg)	11,900 lb (5398 kg)	9,300 lb (4218 kg)	6,400 lb (2903 kg)	5,900 lb (2676 kg)	4,100 lb (1860 kg)	4,150 lb (1882 kg)	2,850 lb (1293 kg)	25 ft 6 in (7.77 m)	2,800 lb* (1270 kg)*	2,750 lb (1247 kg)
-5 ft (-1.5 m)	11,500 lb* (5216 kg)*	11,500 lb* (5216 kg)*	18,450 lb (8369 kg)	11,800 lb (5352 kg)	9,100 lb (4128 kg)	6,200 lb (2812 kg)	5,800 lb (2631 kg)	4,000 lb (1814 kg)			23 ft 8 in (7.21 m)	3,350 lb* (1520 kg)*	3,100 lb (1406 kg)
-10 ft (-3 m)	18,300 lb* (8301 kg)*	18,300 lb* (8301 kg)*	17,300 lb* (7847 kg)*	12,050 lb (5466 kg)	9,200 lb (4173 kg)	6,300 lb (2858 kg)	5,900 lb (2676 kg)	4,100 lb (1860 kg)			20 ft 5 in (6.22 m)	4,650 lb* (2109 kg)*	3,950 lb (1792 kg)
-15 ft (-4.5 m)			9,400 lb* (4264 kg)*	9,400 lb* (4264 kg)*	5,000 lb* (2268 kg)*	5,000 lb* (2268 kg)*					15 ft 1 in (4.59 m)	4,750 lo* (2155 kg)*	4,750 lb* (2155 kg)*

#### 9 ft 10 in (3.01 m) Arm Lift capacities calculated using a 750 lb (340 kg) bucket, 8,160 lb (3700 kg) counterweight and 23.6 in (600mm) shoes.

Load (Lift Point)	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		25 ft (7.5 m)		MAXIMUM REACH		
Height	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+25 ft (7.5 m)			****		5,200 lb* (2359 kg)*	5,200 lb* (2359 kg)*					19 ft 2 in (5.84 m)	2,900 lb* (1315 kg)*	2,900 lb* (1315 kg)*
+20 ft (6 m)					6,050 lb* (2744 kg)*	6,050 lb* (2744 kg)*	5,000 lb* (2268 kg)*	5,000 lb* (2268 kg)*			23 ft 8 in (7.21 m)	2,500 lb* (1134 kg)*	2,500 lb* (1134 kg)
+15 ft (4.5 m)					6,800 lb* (3084 kg)*	6,800 lb* (3084 kg)*	5,850 lb* (2654 kg)*	4,900 lb (2223 kg)	4,050 lb* (1837 kg)*	3,200 lb (1451 kg)	26 ft 3 in (8.00 m)	2,400 lb* (1089 kg)*	2,400 lb* (1089 kg)*
+10 ft (3 m)			9,950 lb* (4513 kg)*	9,950 lb* (4513 kg)*	9,250 lb* (4196 kg)*	7,550 lb (3425 kg)	6,550 lb (2971 kg)	4,650 lb (2109 kg)	4,450 lb (2018 kg)	3,100 lb (1406 kg)	27 ft 6 in (8.38 m)	2,400 lb* (1089 kg)*	2,400 lb* (1089 kg)*
+5 ft (1.5 m)			19,500 lb* (8845 kg)*	13,300 lb (6033 kg)	9,950 lb (4513 kg)	6,950 lb (3152 kg)	6,200 lb (2812 kg)	4,400 lb (1996 kg)	4,300 lb (1950 kg)	3,000 lb (1361 kg)	27 ft 10 in (8.48 m)	2,550 lb* (1157 kg)*	2,450 lb (1111 kg)
Ground- line	6,300 lb* (2858 kg)*	6,300 lb* (2858 kg)*	18,700 lb (8482 kg)	12,000 lb (5443 kg)	9,350 lb (4241 kg)	6,450 lb (2926 kg)	5,950 lb (2699 kg)	4,100 lb (1860 kg)	4,150 lb (1882 kg)	2,850 lb (1293 kg)	27 ft 1 in (8.25 m)	2,800 lb* (1270 kg)*	2,500 lb (1134 kg)
-5 ft (-1.5 m)	10,500 lb* (4763 kg)*	10,500 lb* (4763 kg)*	18,200 lb (8255 kg)	11,650 lb (5284 kg)	9,050 lb (4105 kg)	6,150 lb (2790 kg)	5,800 lb (2631 kg)	3,950 lb (1792 kg)	4,100 lb (1860 kg)	2,800 lb (1270 kg)	25 ft 4 in (7.72 m)	3,350 lb* (1520 kg)*	2,750 lb (1247 kg)
-10 ft (-3 m)	15,550 lb* (7053 kg)*	15,550 lb* (7053 kg)*	18,250 lb (8278 kg)	11,800 lb (5352 kg)	9,100 lb (4128 kg)	6,200 lb (2812 kg)	5,850 lb (2654 kg)	4,050 lb (1837 kg)			22 ft 4 in (6.81 m)	4,400 lb* (1996 kg)*	3,400 lb (1542 kg)
-15 ft (-4.5 m)	19,050 lb* (8641 kg)*	19,050 lb* (8641 kg)*	12,450 lb* (5647 kg)*	11,900 lb (5398 kg)	8,150 lb* (3697 kg)*	6,400 lb (2903 kg)					17 ft 7 in (5.36 m)	5,200 lb* (2359 kg)*	5,000 lb (2268 kg)

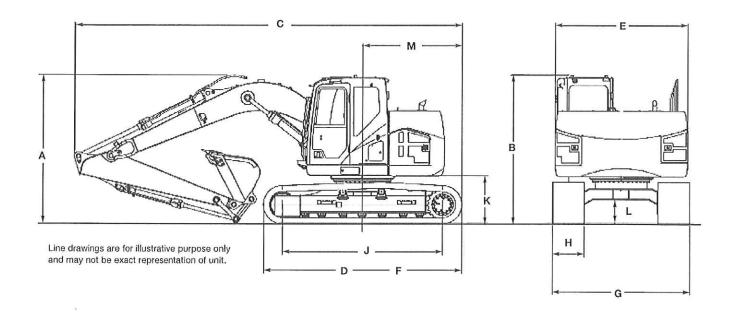
NOTE: \*Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.

#### CX145C SR LC LIFT CAPACITIES

6 ft 10 in (2.11 m) HD Arm (used with offset boom only) Lift capacities calculated using a 900 lb (408 kg) bucket, 8,160 lb (3700 kg) counterweight and 23.6 in (600mm) shoes.

Load (Lift Point)		ft i m)	10			5 ft 5 m)	20		25 (7.5		M	AXIMUM REAC	Н
Height	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	0	END	SIDE
+25 ft (7.5 m)			3,800 lb* (1724 kg)*	3,800 lb* (1724 kg)*				THE PARTY CONTROL OF THE PARTY			14 ft 7 in (4.45 m)	3,650 lb* (1656 kg)*	3,650 lb* (1656 kg)*
+20 ft (6 m)	200				6,900 lb* (3130 kg)*	6,900 lb* (3130 kg)*	3,800 lb* (1724 kg)*	3,800 lb* (1724 kg)*			20 ft 4 in (6.19 m)	3,000 lb* (1361 kg)*	3,000 lb* (1361 kg)*
+15 ft (4.5 m)			10,000 lb* (4536 kg)*	10,000 lb* (4536 kg)*	9,450 lb* (4286 kg)*	7,650 lb (3470 kg)	6,500 lb (2948 kg)	4,650 lb (2109 kg)			23 ft 4 in (7.11 m)	2,800 lb* (1270 kg)*	2,800 lb* (1270 kg)*
+10 ft (3 m)			17,450 lb* (7915 kg)*	14,050 lb (6373 kg)	10,200 lb (4627 kg)	7,200 lb (3266 kg)	6,300 lb (2858 kg)	4,450 lb (2018 kg)			24 ft 10 in (7.57 m)	2,800 lb* (1270 kg)*	2,800 lb* (1270 kg)*
+5 ft (1.5 m)			19,250 lb (8732 kg)	12,450 lb (5647 kg)	9,600 lb (4354 kg)	6,650 lb (3016 kg)	6,050 lb (2744 kg)	4,200 lb (1905 kg)	3,400 lb* (1542 kg)*	2,850 lb (1293 kg)	25 ft 1 in (7.64 m)	2,950 lb* (1338 kg)*	2,800 lb (1270 kg)
Ground- line			17,600 lb* (7983 kg)*	11,700 lb (5307 kg)	9,150 lb (4150 kg)	6,250 lb (2835 kg)	5,850 lb (2654 kg)	4,000 lb (1814 kg)			24 ft 4 in (7.42 m)	3,300 lb* (1497 kg)*	2,950 lb (1338 kg)
-5 ft (-1.5 m)	12,450 lb* (5647 kg)*	12,450 lb* (5647 kg)*	18,400 lb* (8346 kg)*	11,800 lb (5352 kg)	9,050 lb (4105 kg)	6,150 lb (2790 kg)	5,800 lb (2631 kg)	4,000 lb (1814 kg)			22 ft 4 in (6.81 m)	4,000 lb* (1814 kg)*	3,350 lb (1520 kg)
-10 ft (-3 m)	18,750 lb* (8505 kg)*	18,750 lb* (8505 kg)*	15,450 lb* (7008 kg)*	12,050 lb (5466 kg)	9,200 lb (4173 kg)	6,350 lb (2880 kg)					18 ft 11 in (5.77 m)	5,700 lb* (2585 kg)*	4,450 lb (2018 kg)

NOTE: \*Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity. Capacities that are marked with an asterisk are hydraulic limited.

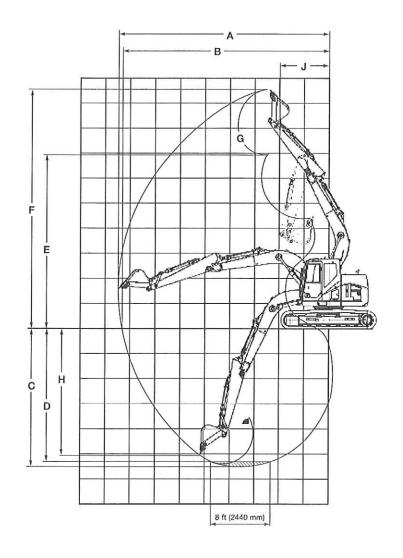


#### DIMENSIONS

		8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 10 in (2.11 m) HD Arm**
A.	Overall height (w/ attachment)	9 ft 2 in (2.80 m)	9 ft 2 in (2.80 m)	9 ft 2 in (2.80 m)
В.	Cab height	9 ft 2 in (2.80 m)	9 ft 2 in (2.80 m)	9 ft 2 in (2.80 m)
c.	Overall length (w/ attachment)	24 ft 1 in (7.35 m)	23 ft 10 in (7.31 m)	24 ft 1 in (7.34 m)
D.	Overall length (w/o attachment)	14 ft 7 in (3.76 m)	14 ft 7 in (3.76 m)	14 ft 7 in (3.76 m)
Ē.	Width of upperstructure	9 ft 8 in (2.49 m)	9 ft 8 in (2.49 m)	9 ft 8 in (2.49 m)
F.	Track overall length	12 ft 4 in (3.76 m)	12 ft 4 in (3.76 m)	12 ft 4 in (3.76 m)
G.	Track overall width w/ 23.6 in (600 mm) shoes	8 ft 5 in (2.59 m)	8 ft 5 in (2.59 m)	8 ft 5 in (2.59 m)
Н.	Track shoe width	23.6 in (600 mm)	23.6 in (600 mm)	23.6 in (600 mm)
J.	Center to center (idler to sprocket)	9 ft 10 in (2,9 m)	9 ft 10 in (2.9 m)	9 ft 10 in (2.9 m)
K.	Upperstructure ground clearance	2 ft 9 in (0.88 m)	2 ft 9 in (0.88 m)	2 ft 9 in (0.88 m)
L.	Minimum ground clearance	17 in (0.44 m)	17 in (0.44 m)	17 in (0.44 m)
M.	Rear tail swing radius	5 ft 1 in (1.55 m)	5 ft 1 in (1.55 m)	5 ft 1 in (1.55 m)
Ope	erating weight*	31,900 lb (14 500 kg)	32,830 lb (14 887 kg)	33,735 lb (15 302 kg)
Gro	ound pressure	5.2 psi (.36 bar)	5.2 psi (.36 bar)	5.4 psi (.37 bar)

<sup>&#</sup>x27;With 23.6 in (600 mm) track shoe, 880 lb (400 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.

<sup>&</sup>quot;With offset boom only.



#### PERFORMANCE SPECS

		8 ft 2 in (2.50 m) Arm	9 ft 10 in (3.01 m) Arm	6 ft 10 in (2.11 m) HD Arm*
A.	Maximum dig radius	27 ft 2 in (8.29 m)	28 ft 7 in (8.74 m)	26 ft 1 in (7.94 m)
В.	Maximum dig radius at groundline	26 ft 7 in (8.14 m)	28 ft 2 in (8.60 m)	25 ft 5 in (7.78 m)
c.	Maximum dig depth	18 ft 1 in (5.51 m)	19 ft 8 in (6.01 m)	16 ft 8 in (5.11 m)
D.	Dig depth-8 ft 0 in (2.44 m) level bottom	17 ft 4 in (5.29 m)	19 ft 1 in (5.83 m)	15 ft 10 in (4.87 m)
E.	Dump height	22 ft 8 in (6.94 m)	23 ft 9 in (7.29 m)	21 ft 9 in (6.66 m)
F.	Maximum reach height	30 ft 6 in (9.34 m)	34 ft 8 in (9.69 m)	29 ft 7 in (9.06 m)
G.	Bucket rotation	178°	178°	178°
H.	Maximum vertical wall dig depth	16 ft 1 in (4.90 m)	17 ft 4 in (5.29 m)	14 ft 10 in (4.56 m)
J.	Minimum swing radius	6 ft 4 in (1.95 m)	7 ft 6 in (2.33 m)	6 ft 2 in (1.89 m)
Arm	digging force:			
	Standard	13,900 lb (62 kN)	12,600 lb (56 kN)	15,700 lb (70 kN)
	Power Boost	14,800 lb (66 kN)	13,500 lb (60 kN)	16,600 lb (74 kN)
Buc	ket digging force:			
	Standard	20,200 lb (90 kN)	20,200 lb (90 kN)	20,200 lb (90 kN)
	Power Boost	21,400 lb (95 kN)	21,400 lb (95 kN)	21,400 lb (95 kN)

<sup>\*</sup>With offset boom only.

#### STANDARD EQUIPMENT

#### ENGINE

Isuzu four-cylinder turbo-charged diesel

Tier 4 Interim Certified (CEGR)

Electronic fuel injection

High pressure common rail system

Diesel Particulate Defuser System (DPD)

Neutral safety start

Auto-engine warm up

Glow-plug pre-heat

EPF (Engine Protection Feature)

Dual-stage fuel filtration

Dual element air filter

Remote oil filter

Green plug oil drain

500-hour engine oil change interval

24-volt system

Requires CJ-4 engine oil

Requires ultra-low sulfur fuel

#### **FUEL ECONOMY SYSTEMS**

Engine Idle / Fuel Economy System:

Auto-idle

One-touch idle

Idle shut-down

BEC-Boom Economy Control

AEC-Auto Economy Control

SWC-Swing Relief Control

SSC-Spool Stroke Control

#### HYDRAULICS

Auto power boost

Auto swing priority

Auto travel speed change

Selectable work modes

ISO pattern controls

#### HYDRAULICS (continued)

Pre-set auxiliary pump settings

Auxiliary valve

5,000-hour hydraulic oil change interval

1,000-hour hydraulic filter change interval SAHR brake

#### UPPERSTRUCTURE

Right and left side mirrors

Isolation mounted cab (fluid and spring)

Common key vandal locks

Upper mounted work light (70 watt)

Swivel guard belly pan

#### **ATTACHMENTS**

Boom - 15 ft 6 in (4.72 m)

Arm - 8 ft 2 in (2.50 m)

Heavy-duty bucket linkage

Boom mounted work light (70 watt)

Auxiliary pipe brackets

Centralized grease fittings

Attachment cushion valve

Arm and boom regeneration

#### **OPERATOR STATION**

ROPS protection

FOPS cab top guard (Level 1)

Pressurized cab

One-touch lock front window

AC/heat/defrost with auto climate control

Color monitor - 7 in (180 mm)

Interior dome light

Air-suspension seat (cloth)

Seatbelt (3 in)

Adjustable armrests

#### **OPERATOR STATION** (continued)

Tilting consoles - 4-position

Low-effort joystick controls

Sliding cockpit-7 in (180 mm)

Straight travel

AM/FM radio w/ antenna and 2 speakers

Aux-in port for personal electronics

Rear-view camera

Anti-theft system (start code system)

Rubber floormat

12-volt electric outlet

24-volt cigarette lighter

External rearview mirrors

Windshield wiper/washer

Clear (polycarbonate) roof window w/ sunshade

Cup holder

Storage compartments

On-board diagnostic system

Travel alarm with cancel switch

One key start and lock-up

#### UNDERCARRIAGE

23.6 in (600 mm) steel shoes, triple semi-grouser

Full overlap turntable bearing tub

Hydraulic track adjustment

X-pattern carbody

#### OPTIONAL EQUIPMENT

#### **HYDRAULICS**

Auxiliary hydraulics:

Single acting/joystick activated

Double acting/joystick activated

Multi-function/joystick activated Secondary low-flow / joystick activated

#### **ATTACHMENTS**

Standard arm - 9 ft 11 in (3.01 m)

Heavy-duty arm - 6 ft 10 in (2.11 m)

Coupler / Case multi-pin grabber

Buckets:

Heavy-duty

Extreme-duty

Load holding control

Free swing (order kit through Service Parts)

Hose Burst Check Valve (HBCV)

#### **OPERATOR STATION**

Control pattern selector

FOPS cab top guard (Level 2)

Front grill guard - 2 x 2 screen mesh

Front rock guard-vertical bars

(two piece) / OPG 1

Front rock guard-vertical bars

Rain deflector

Side-view camera

Refueling pump

Sun visor

(fixed/one piece) / OPG 2 Vandal guard

## UNDERCARRIAGE

27.6 in (700 mm) steel shoes, triple semi-grouser 20.0 in (500 mm) rubber shoes

Double track chain guides

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NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Case Construction Equipment Inc. does not warrant the safety or reliability of attachments from other manufacturers.

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Form No. CCE201203CX145CSRLC Replaces form no. None

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Biodiesel Ready All Case construction equipment is biodiesel ready.

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# State of West Virginia

# VENDOR PREFERENCE CERTIFICATE

Certification and application\* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1.	ing the date of this configuration; or	ed continuously in West Virginia for four (4) years immediately preced-
	business continuously in West Virginia for four (4) y ownership interest of Bidder is held by another indivinalinationed its headquarters or principal place of the procedure the data of this contification; or	sident vendor and has maintained its headquarters or principal place of ears immediately preceding the date of this certification; or 80% of the idual, partnership, association or corporation resident vendor who has business continuously in West Virginia for four (4) years immediately
	Diddor is a nonresident vendor which has an affiliate	or subsidiary which employs a minimum of one hundred state residents ipal place of business within West Virginia continuously for the four (4) cation; or,
2.	Application is made for 2.5% resident vendor problems is a resident vendor who certifies that, during working on the project being bid are residents of Weimmediately preceding submission of this bid; or,	oreference for the reason checked:  ng the life of the contract, on average at least 75% of the employees  est Virginia who have resided in the state continuously for the two years
3.	affiliate or subsidiary which maintains its headqua	um of one hundred state residents or is a nonresident vendor with an irters or principal place of business within West Virginia employing a fies that, during the life of the contract, on average at least 75% of the apployees are residents of West Virginia who have resided in the state
4. X	Application is made for 5% resident vendor pr Bidder meets either the requirement of both subdiv	eference for the reason checked: isions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Bidder is an individual resident vendor who is a veter	preference who is a veteran for the reason checked; an of the United States armed forces, the reserves or the National Guard r the four years immediately preceding the date on which the bid is
6.	Bidder is a resident vendor who is a veteran of the purposes of producing or distributing the commodition continuously over the entire term of the project, of	preference who is a veteran for the reason checked: United States armed forces, the reserves or the National Guard, if, for ies or completing the project which is the subject of the vendor's bid and a average at least seventy-five percent of the vendor's employees are state continuously for the two immediately preceding years.
require agains or ded	understands if the Secretary of Revenue determine ements for such preference, the Secretary may order t such Bidder in an amount not to exceed 5% of the fucted from any unpaid balance on the contract or pure	es that a Bidder receiving preference has failed to continue to meet the the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty oid amount and that such penalty will be paid to the contracting agency chase order.
author the red deemo	izes the Department of Revenue to disclose to the Dire quired business taxes, provided that such informatio ed by the Tax Commissioner to be confidential.	any reasonably requested information to the Purchasing Division and ector of Purchasing appropriate information verifying that Bidder has paid not contain the amounts of taxes paid nor any other information
and a	courate in all records; and that it a contract is	Code, §61-5-3), Bidder hereby certifies that this certificate is true issued to Bidder and if anything contained within this certificate otify the Purchasing Division in writing immediately.
Bidde	CTATE EQUIDMENT INC	Signed
Date:	6-26-2012	Title: GENERAL MANAGER

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

# STATE OF WEST VIRGINIA Purchasing Division

## PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

#### **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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

# Vendor's Name: STATE EQUIPMENT, INC. Authorized Signature: Date: 6- 26-2012 State of WEST VIRGINIA County of Kanawha, to-wit: Taken, subscribed, and sworn to before me this Kay of June 1, 20 2. My Commission expires March 27 1, 2021. AFFIX SEAL HERE NOTARY PUBLIC March 5 1.

Official Seal
Notary Public, State of West Virginia
Marie Eller
P.O. Box 9530
South Charleston WV 26300
My Commission Expires March 27, 2021

WITNESS THE FOLLOWING SIGNATURE