

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT  
NO. 353-1-V

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER

NOTE TO BIDDER: Procurement Specification No. 353-1-S, Paragraph 2.0 recommends the completion and submittal of this Report with your bid. Purpose of this Report is to enable the West Virginia Division of Highways Evaluation Committee to make full and fair evaluation of the bid. Addendums in order, along with a summary of exception as a separate attachment, should be with Bidder's Evaluation Report.

FAILURE TO SUBMIT THIS REPORT, COMPLETE IN ITS ENTIRETY, MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

Reference Requisition No.: 7011EC22A

Bidder's Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Years Bidder has been registered to do business with the State of West Virginia: \_\_\_\_\_ YRS.

Years Company has been an authorized dealer for proposed unit: \_\_\_\_\_ YRS.

X3.2 Have you complied with all mandatory specifications? \_\_\_\_\_ YES \_\_\_\_\_ NO

X4.2 DELIVERY:

X4.2.1 Delivery date of completed representative unit: \_\_\_\_\_ Calendar Days After  
Receipt of Purchase Agreement

X4.2.2 Delivery date of balance of completed units: \_\_\_\_\_ Calendar Days After Receipt of  
Purchase Agreement

X5.0 AWARD CRITERIA;

**X5.1 Price per unit:**

\_\_\_\_\_per unit

X6.0 SPECIFICATIONS - GENERAL

**X6.1 Manufacturer, model, series, and date of manufacture of proposed unit:**

\_\_\_\_\_  
Is descriptive literature, fully describing proposed unit attached to your bid? \_\_\_\_\_ YES \_\_\_\_\_ NO

If not, why?\_\_\_\_\_

**X6.2 Will the required number of service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon upon completion of delivery of total units?**

\_\_\_\_\_ YES \_\_\_\_\_ NO

**Will the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit?**

\_\_\_\_\_ YES \_\_\_\_\_ NO

X6.2  
2-10-00

**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 WVDOH.

DESCRIPTION: \_\_\_\_\_ MAKE: \_\_\_\_\_

MODEL: \_\_\_\_\_ YEAR: \_\_\_\_\_ PURCHASE AMOUNT: \_\_\_\_\_

ENGINE: MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ FUEL TYPE: \_\_\_\_\_

HORSEPOWER: \_\_\_\_\_ CYLINDER: \_\_\_\_\_ ENGINE SERIAL: \_\_\_\_\_

COOLING SYSTEM CAPACITY: \_\_\_\_\_

BELTS: DESCRIPTION: \_\_\_\_\_ PART NUMBERS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

GVW: \_\_\_\_\_ AXLE CAPACITY: FRONT: \_\_\_\_\_ REAR: \_\_\_\_\_

TIRES: FRONT MAKE & SIZE: \_\_\_\_\_

REAR MAKE & SIZE: \_\_\_\_\_

DIMENSIONS OF UNIT: LENGTH: \_\_\_\_\_ WIDTH: \_\_\_\_\_ LENGTH: \_\_\_\_\_

VENDOR CONTACT PERSON: \_\_\_\_\_ PHONE: \_\_\_\_\_

**PARTS:**

BATTERY MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ CCA: \_\_\_\_\_

TOP OR SIDE POST: \_\_\_\_\_ DIMENSIONS: LENGTH \_\_\_\_\_ WIDTH \_\_\_\_\_ HEIGHT \_\_\_\_\_

SPARK PLUGS OR FUEL INJECTORS MAKE: \_\_\_\_\_ PART # \_\_\_\_\_

FUEL PUMP OR INJECTION PUMP MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

ALTERNATOR MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

STARTER MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

TURBO CHARGER MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

TRANS. MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ AUTO/MANUAL: \_\_\_\_\_

HYDRAULIC PUMP MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

| FILTERS        | MAKE  | PART NO. | LUBRICANT      | MANUFACTURER TYPE |
|----------------|-------|----------|----------------|-------------------|
| OIL            | _____ | _____    | ENGINE         | _____             |
| AIR INNER      | _____ | _____    | TRANSMISSION   | _____             |
| AIR OUTER      | _____ | _____    | POWER STEERING | _____             |
| FUEL PRIMARY   | _____ | _____    | HYDRAULIC      | _____             |
| FUEL SECONDARY | _____ | _____    | DIFFERENTIALS  | _____             |
| COOLANT        | _____ | _____    | BRAKE FLUID    | _____             |
| HYDRAULIC      | _____ | _____    | COOLANT        | _____             |
| OTHER          | _____ | _____    | OTHER          | _____             |

X6.3 TRAINING:

Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic Training  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**Will you conduct training with each purchase order against this open end contract?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

Will training be conducted within 2 working days from the delivery of the pilot unit on the individual purchase order?  
\_\_\_\_\_ YES \_\_\_\_\_ NO

If NO, explain time frame \_\_\_\_\_

**Will an Operator's Manual be furnished directly to Training Academy prior to the delivery of the pilot?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X6.4 If you are the successful vendor, will you furnish all training aids, i.e., videos, projectors, required in conducting the training?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X6.4.1 Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO  
If NO, explain \_\_\_\_\_

X6.5 WARRANTY AND SERVICE POLICY

Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications  
\_\_\_\_\_ YES \_\_\_\_\_ NO

Is warranty literature attached? \_\_\_\_\_ YES \_\_\_\_\_ NO

**Is a minimum two (2) year bumper to bumper basic parts and labor warranty guaranteed by manufacturer excluding abuse and normal wear items included?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO  
Describe:  
\_\_\_\_\_  
\_\_\_\_\_



**X6.6 EVALUATION COMMITTEE REQUIREMENTS**

Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? \_\_\_\_\_ YES \_\_\_\_\_ NO

**X6.7 Will all parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, be furnished with the unit and conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry?**

\_\_\_\_\_ YES \_\_\_\_\_ NO

**X6.7.1 Are all parts and accessories adequate and regularly supplied as standard to be included except those which may be duplications of specifications herein, and except these by specification are not to be furnished?**

\_\_\_\_\_ YES \_\_\_\_\_ NO

**X6.7.2 Are all standard safety features that are required by Federal and State statutes of law included?**

\_\_\_\_\_ YES \_\_\_\_\_ NO

**X7.0 SPECIFICATIONS OF THE QUOTED UNIT**

The bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications. Should the bidder except a requirement, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications.

Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

**X8.0 Endloader Specification:**

**X8.1 Operating weight:** \_\_\_\_\_ pounds (exclusive of tire ballast)

**X8.1.1 Breakout force:** \_\_\_\_\_ pounds

**X8.2 Overall length (bucket lowered):** \_\_\_\_\_ foot

**X8.3 Does loader have articulated frame and full hydraulic power steering?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.3.1 Tipping load straight:** \_\_\_\_\_ pounds

**X8.4 Overall height:** \_\_\_\_\_ to top of cab

- X8.4.1 Dumping clearance at maximum height and 45° dump angle: \_\_\_\_\_ inches**
- X8.5 Are units provided with a quick coupler system for interchangeability of attachments, controlled from operator station \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.6 Do machine(s) have vandalism package/keyed alike? \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.7 Are daily services done from ground level? \_\_\_\_\_ YES \_\_\_\_\_ NO
- X8.8 Engine:
- X8.8.1 Engine to be a minimum power rating of 98 HP**
- X8.8.2 Is unit equipped with manufacturer's standard governor with key shut off, wire sealed by Manufacturer? \_\_\_\_\_ YES \_\_\_\_\_ NO
- X8.8.3 Engine equipped with an engine block water heating element? \_\_\_\_\_ YES \_\_\_\_\_ NO**
- Does engine have cold weather starting system consisting of an electric intake manifold pre-heater \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.9 Engine Lubrication:
- X8.9.1 Has full pressure lubrication with oil filter and oil by-pass system? \_\_\_\_\_ YES \_\_\_\_\_ NO
- X8.9.2 Is engine equipped with oil cooler? \_\_\_\_\_ YES \_\_\_\_\_ NO
- X8.10 Cooling System:
- X8.10.1 Is cooling system of manufacturers maximum to allow full capability of operation for all seasons? \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.10.2 Cooling system supplied with Dex-Cool or equal extended life anti freeze to -34°F? \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.10.3 Is coolant filter provided if recommended manufacturer for this application? \_\_\_\_\_ YES \_\_\_\_\_ NO**
- X8.11 Air Induction System:
- X8.11.1 Is dry type (2 stage) dual element air cleaner with pre-cleaner provided? \_\_\_\_\_ YES \_\_\_\_\_ NO
- X8.11.2 Does unit have dash mounted air filter restriction indicator that is visible when service is required ? \_\_\_\_\_ YES \_\_\_\_\_ NO**

X8.12 Exhaust System:

**X8.12.1 Is complete exhaust system manufacturers standard for unit specified?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.12.2 Is exhaust pipe rain proof?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.13 Electrical System:

X8.13.1 Is unit provided with manufacturers noise suppression wiring?  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.13.2 Is system 12 volts/24 volts negative ground  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.13.3 Are heavy duty CCA battery(s) provided?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO  
CCA \_\_\_\_\_ **reserve capacity** \_\_\_\_\_

X8.14 Charging System:

**X8.14.1 Alternator AMPS:** \_\_\_\_\_ with internal regulator? \_\_\_\_\_ YES \_\_\_\_\_ NO

X8.15 Engine Fuel System:

**X8.15.1 Is fuel capacity at least 12 working hours**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.15.2 Is unit provided with a fuel/water separator?  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.15.3 Is dual stage fuel filtering provided?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.16 Transmission:

**X8.16.1 Transmission is to have high/low, forward and reverse with a ground speed of minimum of 23 mph.**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.16.2 Does transmission have high/low \_\_\_\_\_ YES \_\_\_\_\_ NO

forward and reverse \_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.16.3 Is neutral start switch provided for safety purposes?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

X8.17 Differential:

X8.17.1 Is front and rear differential manufacturers conventional type?  YES  NO

X8.18 Axles:

X8.18.1 Is front axle fixed?  YES  NO

**X8.18.2 Oscillation of rear axle: \_\_\_\_\_ degrees**

X8.19 Brakes:

X8.19.1 Is Manufacturers recommended emergency braking system provided?  
 YES  NO

**X8.19.2 Is emergency brake independent of service brake?  YES  NO**

X8.19.3 Are service brakes powered assisted hydraulic actuated?  YES  NO

X8.19.4 Are service brakes wet disk type?  YES  NO

X8.20 Hydraulic System:

**X8.20.1 Does unit provide hydraulic lift, lower, dump, roll back and float  
 YES  NO**

**Does unit have third spool auxiliary valve and cab controller  YES  NO**

**X8.20.2 Are hydraulic cylinders double action chrome plated piston type?  
 YES  NO**

X8.20.3 Is hydraulic oil cooler provided if recommended by manufacturer?  
 YES  NO

**X8.20.4 Is sight glass provided for daily service checks?  YES  NO**

X8.20.5 Hydraulic system relief pressure: \_\_\_\_\_ P.S.I.

**X8.20.6 Is Manufacturers standard hydraulic filtering system provided?  
 YES  NO**

X8.21 Tires and Wheels:

**X8.21.1 Are wheels manufacturers recommended size for unit bid?  YES  NO**

**Specify size \_\_\_\_\_**

- X8.21.2** Are tires grader/loader type tubeless radials front and rear?  YES  NO  
Specify size: \_\_\_\_\_
- X8.21.3 Overall tire width (outside left to outside right): \_\_\_\_\_ feet \_\_\_\_\_ inches
- X8.22 Cab and related accessories:
- X8.22.1** Is cab OSHA approved ROPS?  YES  NO
- X8.22.2** Is cab insulated and pressurized?  YES  NO
- X8.22.3** Is cab equipped with heater, defroster, air conditioning installed by the manufacturer?  YES  NO
- X8.22.4** Is cab equipped with wipers and washers front and rear?  YES  NO
- X8.22.5** Is Manufacturers tinted safety glass at all locations?  YES  NO
- X8.22.6** Are left and right rear view mirrors and in cab rear view mirror provided?  YES  NO
- X8.22.7** Does cab have one (1) lockable entry door?  YES  NO
- X8.22.8 Are doors hinged at rear to provide front to back opening  YES  NO
- X8.22.9** Is unit provided with non-skid steps and hand holds  YES  NO
- X8.22.10 Is seat cloth type with scotchguard or equal and with adjustable seat belt  YES  NO
- X8.22.11 Is seat equipped with adjustable arm rests?  YES  NO
- X8.22.12** Does seat provide height and weight adjustments?  YES  NO
- X8.22.13 Is unit equipped with adjustable tilt and telescoping steering wheel for easier operator control?  YES  NO
- X8.22.14** Are fenders provided front and rear?  YES  NO
- X8.22.15** Is fire extinguisher provided and mounted on unit?  YES  NO
- X8.22.16** Is AM/FM radio provided and installed in unit?  YES  NO

X8.23 Lighting System:

X8.23.1 Is unit equipped with two (2) hi/low halogen beam front lights for tramming and working?  YES  NO

X8.23.2 Does unit have four (4) work lights; two (2) front/two (2) rear cab mounted work lights  YES  NO

X8.23.3 Does unit have flash/turn signals (front and rear),stoplights, and taillights?  YES  NO

**X8.23.4 Does unit have console and dome lighting?**  YES  NO

X8.23.5 Does unit have Class 1 LED beacon, amber  YES  NO

If NO, explain \_\_\_\_\_  
\_\_\_\_\_

**X8.23.6 Is unit equipped with audible OSHA approved reverse alarm?**  YES  NO

X8.23.7 Is articulation locking bar and pin provided?  YES  NO

X8.24 Unit Instrumentation:

X8.24.1 Tachometer?  YES  NO

X8.24.2 Speedometer?  YES  NO

**X8.24.3 Does hour meter operate from engine operation?**  YES  NO

X8.24.4 Fuel gauge?  YES  NO

X8.24.5 Ammeter/ or volt meter?  YES  NO

X8.24.6 Does coolant temperature indicator have audible buzzer or visual warning light?  YES  NO

X8.24.7 Does engine oil pressure indicator have audible buzzer or visual warning light?  YES  NO

X8.24.8 Transmission oil and/or hydraulic oil temperature indicator or hydraulic filter bypass indicator?  YES  NO

**X8.24.9 All features considered to be standard equipment not addressed above:**  
\_\_\_\_\_  
\_\_\_\_\_

**X8.24.10 Will unit be delivered to WV DOH with manufacturer's safety decals and features intact? \_\_\_\_\_YES \_\_\_\_\_NO**

**X8.24.11 Is one (1) complete set of replacement filters for each unit provided? \_\_\_\_\_YES \_\_\_\_\_NO**

X8.25 Bucket:

**X8.25.1 General purpose bucket shall be 1.4 cubic yard minimum.**

X8.25.2 Bucket width: \_\_\_\_\_ inches

**X8.25.3 Bucket roll back \_\_\_\_\_ degrees at ground level and dump at full height \_\_\_\_\_ degrees**

**X8.25.4 Does unit have automatic return to work leveler for bucket and attachments \_\_\_\_\_YES \_\_\_\_\_NO**

**X8.25.5 Are replaceable cutting edge and bottom wear strips provided \_\_\_\_\_YES \_\_\_\_\_NO**

**X8.25.6 Is cutting edge welded to bucket and bolt on replaceable cutting edge mounted under it? \_\_\_\_\_YES \_\_\_\_\_NO**

X8.25.7 Digging depth below horizontal (bucket level): \_\_\_\_\_ inches

X8.26 Forks:

**X8.26.1 Are forks heavy duty steel construction? \_\_\_\_\_YES \_\_\_\_\_NO**

**X8.26.2 Is carriage of heavy duty steel construction? \_\_\_\_\_YES \_\_\_\_\_NO**

X8.26.3 Carriage size: \_\_\_\_\_ inch side plates and \_\_\_\_\_ inches wide?

X8.26.4 Tines/Forks: \_\_\_\_\_ inches wide and \_\_\_\_\_ inches long

X8.26.5 Tines/Forks: \_\_\_\_\_ inches thick at heel and forged solid steel  
\_\_\_\_\_YES \_\_\_\_\_NO

X8.26.6 Tines/Forks mounted on \_\_\_\_\_ inches diameter round bar

Adjustable laterally \_\_\_\_\_ inches

X8.27 Material Handling Boom:

**X8.27.1 Is material handling boom of heavy duty construction with hook?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.27.2 Boom has \_\_\_\_\_ locking sections Boom reach: \_\_\_\_\_ feet**

X8.28 Paint:

**X8.28.1 Is endloader painted manufacturers standard color?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.29 Does proposed unit meet or exceed the "OSHA of 1970" and/or subsequent changes?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO

**X8.30 Does unit conform to the advertising guidelines?** \_\_\_\_\_ YES \_\_\_\_\_ NO

X8.31 Preventive Maintenance and Operators Orientation/Training:

**X8.31.1 Have you attached a copy of proposed training program. Attach schedule describing course offered with a brief explanation of each subject with the time required for each class. Do not attach instruction material or manuals. Will you furnish all training aids; i.e. videos, projectors, etc., required in conducting the training?**  
\_\_\_\_\_ YES \_\_\_\_\_ NO