

QUESTIONNAIRE  
FOR  
MOTOR GRADER

(Bids must be accompanied by this questionnaire fully completed by bidder.)

MANUFACTURER \_\_\_\_\_

MODEL NO. \_\_\_\_\_

1. ENGINE

Make \_\_\_\_\_ Model \_\_\_\_\_ Series \_\_\_\_\_  
Type \_\_\_\_\_ Cycle \_\_\_\_\_ No. Cylinders \_\_\_\_\_  
Net Brake Power \_\_\_\_\_ @ \_\_\_\_\_ Governed rpm  
Type air induction system \_\_\_\_\_  
Are lockable engine side panels furnished? (Yes/No) \_\_\_\_\_

2. DRIVE TRAIN

A. Transmission

Type \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_  
Speed - maximum: (Lowest Gear) Fwd. \_\_\_\_\_ mph Rev. \_\_\_\_\_ mph  
(Highest Gear) Fwd. \_\_\_\_\_ mph Rev. \_\_\_\_\_ mph  
No. of gears: Fwd. \_\_\_\_\_  
Torque converter: Make \_\_\_\_\_ Model \_\_\_\_\_  
Transmission guard furnished? (Yes/No) \_\_\_\_\_

B. Final Drive

No. of driving wheels \_\_\_\_\_ Type drive \_\_\_\_\_  
\_\_\_\_\_

C. Reserve Tractive Effort

Does grader meet blade pull requirement? \_\_\_\_\_ (Yes/No)  
If yes, answer the following:

Has grader been tested to determine blade pulls? \_\_\_\_\_ (Yes/No)  
Who performed the test? \_\_\_\_\_  
Who certified the test? \_\_\_\_\_  
What test procedure was used? \_\_\_\_\_  
Are test results furnished with your bid? \_\_\_\_\_ (Yes/No)

3. Brakes

Do the service brake system, emergency stopping, and parking brakes conform to all requirements of SAE-J1152? \_\_\_\_\_ (Yes/No)

4. Electrical Equipment

Battery

Number of batteries \_\_\_\_\_ Voltage \_\_\_\_\_

5. Rops Cab

Does ROPS cab comply with the SAE J1040? \_\_\_\_\_

6. Moldboard Assembly

A. Moldboard

Length with end bits: \_\_\_\_\_ "Width: \_\_\_\_\_" Thickness: \_\_\_\_\_ "

Cut below ground: \_\_\_\_\_ "Lift above ground: \_\_\_\_\_ "

Lift speed: \_\_\_\_\_ ips. Lowering speed: \_\_\_\_\_ ips.

Is hydraulically operated tilt moldboard furnished? \_\_\_\_\_

Maximum bank cutting angle: Right: \_\_\_\_\_ ° Left: \_\_\_\_\_ °

Reach outside tires: Left \_\_\_\_\_ Right \_\_\_\_\_

7. Scarifier

Cut width: \_\_\_\_\_

Number of teeth: \_\_\_\_\_

Weight \_\_\_\_\_ lbs.

8. Drawbar

Is drawbar furnished? (Yes/No) \_\_\_\_\_

9. Tires

Type \_\_\_\_\_

Ply rating: \_\_\_\_\_ Size: \_\_\_\_\_

10. Physical Data

A. Basic Operating Weight (see III.C. in specification): \_\_\_\_\_ lbs.  
On front wheels \_\_\_\_\_ lbs. On rear wheels \_\_\_\_\_ lbs.

B. Principal Dimensions

(1) Wheelbase \_\_\_\_\_ inches

(2) Overall height with cab \_\_\_\_\_ inches

11. Occupational Safety and Health Act

Does grader offered, complete with all listed attachments, comply with applicable OSHA Standards as quoted in the specification? \_\_\_\_\_ (Yes/No)

If not, state exceptions here: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** It is extremely important that you furnish complete, accurate, and precise information.

Prepared by: \_\_\_\_\_

Certified by: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Telephone No. \_\_\_\_\_