**G65 Bid Specifications**

1. **Operating Weight** 
   1. Minimum operating weight of 16,000 pounds
2. **Powertrain**
   1. EPA Tier 4 Stage V
   2. 120 hp @ 2200RPM
   3. 4 Cylinder Turbocharged
   4. Minimum 150 amp alternator, 12 volt electrical system
   5. Two stage air cleaner with service indicator
3. **Engine**
4. Cat C3,4B Diesel Engine
5. Industrial
6. **Transmission** 
   1. Full powershift with single stage torque converter and electronic shift control
   2. Min. six (6) forward speeds / two (2) reverse
   3. Travel speeds 0-24 mph
7. **Brakes**
   1. Power Brakes
   2. Four wheel / wet disc / self-adjusting / with accumulator
   3. Mechanical parking brake / disc type on transmission output
8. **Tires**
   1. 15.00 x 19.5 (8 ply) G2 Tubless
9. **Axles** 
   1. Torque proportioning or limited slip differential rear axle
   2. Min 17” front axle ground clearance
   3. Hydraulic wheel lean 18° right and left
10. **Moldboard and Circle** 
    1. 10 ft or 12 ft blade with replaceable cutting edges
    2. Blade must be supported by circle and drawbar from at least (4) mounting points
    3. Circle must be gear driven and rotate 360°
    4. Moldboard height shall be min. 20”
    5. Hydraulic blade sideshift minimum 17” right and left
    6. Hydraulic actuation and control of blade lift & lower, blade pitch angle, blade side shift, frame articulation, power circle turn, circle side shift,

wheel lean and float control valves for moldboard and front attachment

* 1. Max. blade penetration 20”
  2. Min. blade down pressure 8,100 lbs

1. **Operator Station**
   1. ROPS cab/canopy conforms to SAE J1040 and J231
   2. Cab / Canopy height min 71” (inside floor to ceiling)
   3. Control console adjustable and lockable
   4. Air suspension seat with seat belt and arm rests
   5. Electronic / LCD gauges to include fuel and DEF level, hour meter, tachometer, voltmeter, engine coolant temperature, engine oil

pressure, and transmission oil temperature.

* 1. Hand / foot accelerator / decelerator throttle control
  2. Horn

1. **Miscellaneous**
   1. Integrated 5-point transport tie down system
   2. Mechanical lock system for all hydraulic controls
   3. Back- up alarm
   4. (2) front headlights, (2) front work lights, (4) cab/canopy mounted floodlights, turn signals and stop & tail lights
   5. Mirrors – (1) internal rear view, (2) external cab/canopy mounted
   6. Engine side enclosures
   7. Rear Drawbar
   8. Master electrical disconnect switch
   9. Hydraulic stack valve with capability to add up to four (4) attachments at a later date
   10. Cab / Canopy mounted Strobe light
   11. Operators Manual / Parts Manual
   12. Cab enclosure to include 40,000 BTU heater, defroster fans, floormat, dome light, front & rear windshield wipers, front & rear windshield

washers, fabric seat, tinted glass, sound suppression and sliding rear

window

* 1. Cab air conditioner with no external components

1. **Optional Equipment**
   1. CAT® Style Blade Controls
   2. LED Strobe light
   3. Premium LED Work Lights (4 additional lights)
   4. 2’ RH Moldboard Extension
   5. 2’ LH Moldboard Extension
   6. Bank Slope
   7. All Wheel Drive
   8. 12’ Moldboard Substitution
   9. 320 LB Front Weight
   10. 640 LB Front Weight
   11. Front Mount
   12. Scarifier (includes front mount)
   13. Dozer Blade (includes front mount)
   14. Ripper
   15. Ripper Prep
   16. Rear Aux Lines