                           55 Horsepower Excavator

Basic Specifications

-          Net horsepower shall not be less than 55 HP

-          Operating weight of machine shall not be less than 18,000 LBS.

-          Digging depth shall not be less than 14 feet

-          Minimum ground clearance must be at least 14 inches

Engine Specifications

-         Engine shall be 3.3L that meets US EPA TIER 4 or interim

-         Engine shall have automatic engine idle that automatically lowers engine revolutions when machine is not in use

-         Engine oil and filter shall have a recommended change interval of 500 hrs.

-         Engine displacement shall not be less than 202 cubic inches

-         Engine fan guard installed

-          Engine must be built by the machine manufacturer

Powertrain

-          Travel speed shall be at least 1.7 M.P.H. in low speed and 3.1 in high

Operator’s Station

-          Operator station shall have a monitor which includes machine security system, diagnostics, and machine warning indicators

-          Operators station shall be equipped with enhanced mode settings to offer fuel savings

-          Operators station shall be equipped with a factory installed AM/FM CD radio

-          Machine shall have a pattern control changer

-          Machine shall have factory installed heat and A/C

-          Cab shall have 12 volt, 60 watt, 5 amp cell phone power outlet

-          Cab shall be equipped with a built in cup and beverage holder

-          Interior light as standard equipment

-          Front window shall open

-          Cab door shall swing around and latch to side of machine

-          Cab shall have an adjustable seat

Undercarriage

-          Shall have one carrier roller and a minimum 5 bottom rollers side

-          Track and carrier rollers shall be lubricated

-          Track shall be sealed and lubricated for extended life with 18 inch rubber crawler pads

Swing

-          Swing speed shall be between 10 and 10.5 rpm.

-          Swing boom shall move no less than 50 to 60 degrees to left or right

Additional Features

-          Machine shall be able to swing 360 degrees and have an independent swing boom for working in tight places.

-          Machine shall be equipped with the machine manufacturers built hydraulic thumb.

-          Shall include a printed operator, service and parts manual

-          48 inch ditching bucket

-          36 inch HD digging bucket

-          Front blade for grading

-           Rotating beacon light

-          Toolbox for storage of grease guns

-          Travel lights and boom lights for operation at night

-          Side and rear mirrors

-          Travel backup alarm

- Machine must have less than 5 hours

**ALSO LIST ANY SPECIFICATIONS THAT ARE NOT MET**