

## **Desired Product: CATERPILLAR MODEL 420F2 HRC BACKHOE LOADER**

The company shall furnish a product “Brand Name or Equal” to the specifications listed in this document in accordance with FAR 52.211-6.

Backhoe Loader shall be equipped with the following specifications:

### **BOOMS, STICKS AND LINKAGES**

- 14'4" Center pivot excavator style backhoe
- Pilot operated joystick hydraulic controls with pattern changer valve
- Pilot operated stabilizer controls
- Boom transport lock
- Swing transport lock
- (Boom, Stick and E-Stick) EXTENDED BOOM
- Cat Cushion Swing(tm) system
- Bucket level indicator
- Lift cylinder brace
- Return-to-dig (auto bucket positioner)
- Self-leveling loader with single lever control
- Street pads stabilizer shoes
- Anti-drift hydraulics
- Transmission neutralizer switch
- Single Tilt Loader

### **POWERTRAIN**

- Cat C4.4, 74.SKW (Net 93HP I 69kW)
- Direct Injection Turbo Charged Engine. with ACERT technology.
- US EPA Tier4 Final Emissions Compliant with Selective Catalytic Reduction(SCR)
- Water separator with service indicator
- Thermal starting aid system
- Eco mode
- A dry-type axial seal air cleaner with integral pre-cleaner, automatic dust ejection system & filter condition indicator
- Hydraulically boosted multi-plate wet disk brake with dual pedals & interlock
- Differential lock
- Drive-line parking brake
- High Ambient Cooling Package
- Torque converter
- Transmission-four speed synchro mesh with power shuttle & neutral safety switch
- Spin-on fuel, engine oil & transmission oil filters

- Outboard planetary rear axles
- Open Circuit Breather

## **HYDRAULICS**

- Load sensing, variable flow system with 43 gpm axial piston pump
- 6 micron hydraulic filter
- O-ring face seal hydraulic fittings
- Caterpillar XT-3 hose
- Hydraulic oil cooler
- Pilot control shutoff switch
- PPPC, Flow-sharing hydraulic valves
- Hydraulic suction strainer

## **ELECTRICAL**

- 12 volt electrical start
- 150 ampere alternator
- Horn and Backup Alarm
- Hazard flashers/turn signals
- Halogen head lights (4)
- Halogen rear flood lights (4)
- Stop and tail lights
- Audible system fault alarm
- Key start/stop system
- 880 CCA maintenance free battery
- Battery disconnect switch
- External/internal power receptacles(12v)
- Diagnostic ports for engine and machine
- Electronic Control Modules
- Remote jump start connector

## **OPERATOR ENVIRONMENT**

- Lighted gauge group
- Interior rearview mirror
- Rear fenders
- ROPS canopy
- 2-inch retractable seat belt
- Tilt steering column
- Steering knob
- Hand and foot throttle
- Automatic Engine Speed Control

- One touch low idle
- Floor mat and Coat Strap
- Lockable Storage area
- Air suspension seat

## **OTHER STANDARD EQUIPMENT**

- Hydrostatic power steering
- Standard storage box
- Transport tie-downs
- Ground line fill diesel exhaust fluid tank with 5 gallon capacity
- Rubber impact strips on radiator guards
- Bumper
- CD-ROM Parts Manual
- Backhoe Safety Manual
- Operations and Maintenance Manual
- Lockable hood
- Tire Valve Stem Protection
- Long Life Coolant -30C (-20F)
- Padlocks (2 on ST,3 on IT)

## **INCLUDED EQUIPMENT:**

- 420F2 IT 4X4 ESTICK CAB/AIR
- PACK, DOMESTIC TRUCK
- LANE 2 ORDER
- FORK TINE, 2" X 5" X 54"
- BELT, SEAT, 2" SUSPENSION
- BUCKET-HD , 24", 6.2 CFT
- BUCKET-GP, 1.31 CYD, IT
- COUNTERWEIGHT, 530 LBS
- TIRES, 12.5 80/19.5L-24, GY
- RADIO & CD PLAYER, BLUETOOTH
- SERIALIZED TECHNICAL MEDIA KIT
- INSTRUCTIONS, ANSI
- SEAT, DELUXE FABRIC
- PRODUCT LINK, SATELLITE,PL631E
- HYDRAULICS, MP, 6FCN/8BNK. IT
- PT,4WD,STD SHIFT
- CAB, DELUXE
- AIR CONDITIONER, T4
- STICK, EXTENDABLE, 14FT
- ENGINE, 74.5KW,C4.4 ACERT, T4F

- COUPLING,QD,THREADED WITH CAPS
- WORKLIGHTS (B) HALOGEN LAMPS
- CARRIAGE, FORK
- CUTTING EDGE, TWO PIECE.WIDE
- STABILIZER PADS, FLIP-OVER
- BUCKET-HD, 36", 10.3 CFT

**WARRANTY:**

- Standard Warranty: 12 months/unlimited hours Standard Warranty (6month or 1 Year)
- Extended Warranty: 420-36 M0/3000 HR POWERTRAIN + HYDRAULICS