

TECHNICAL SPECIFICATION
BAKHAE LOADER
Ministry of Public Works and Housing is calling for the supply of brand new (BAKHAE LOADER)
QUANTITY REQUIRED (2).
MANUFACTURING YEAR (CURRENT YEAR OR ABOVE).

Backhoe Loader (4WD)		
Requirement of technical specifications		Offered specifications
Model: current year or above		
Country of origin		
Delivery not more than 180 days		
General		
Operating weight should be mentioned		
Electrical system		
12 V - DC - Starter, Alternator, and batteries		
Front, rear, night operation, and cab lights		
Horn and back up alarms		
Beacon		
Engine		
Diesel engine should be mentioned		
Power output not less than 90 Hp		
Torque and fuel consumption(liter/hr) should be mentioned		
Transmission		
full power shift or auto shift or power shuttle.		
Hydraulic pump		
The machine should be equipped with variable flow piston pump		
Steering		
Full power hydraulic steering system or hydrostatic system		
Brakes		
should be mentioned		
Tires		
size: should be mentioned		
type: should be mentioned		
Operator compartment and structures		
Rollover protective structure (ROPS)/ Falling object protective structure FOPS) cab		
Safety Glass		
Front and rear wipers, washers		
Adjustable driver's seat with seatbelt		
Lockable doors		
Air condition, heater, defroster		
Inside and outside mirrors		
Standard instrument panel inside cab with all gauges and meters (metric system shall be used)		
All the important guards for (engine, transmission, radiator, etc....)		
Loader Bucket		
6-in 1 shovel bucket with changeable teeth		
Fully hydraulic operated with controls located in the operator's compartment		
Dump height at maximum angle not less than 2,500 mm		
Capacity of the bucket not less than 1.0 m3		
Backhoe dimension		
Fully hydraulically operated with the controls located in the operators compartment		
Two different size buckets: 1st bucket width not less than 0,3 m		
2nd bucket width not less than 0.6 m		
Maximum digging depth not less than 5,600 mm (with extended dipper)		
Swing arc about 180 deg.		
Bucket rotation about 203 deg.		
The vehicle should be equipped with hydraulic breaker attached to the same linkage and bracket size and operated from operator's compartment through original hydraulic circuit		

Accessories	
Operating, maintenance, spare parts and workshop manuals for each unit	
Manufacturer's standard tool set includes wheel changing tools with hydraulic jack	
Fire extinguisher	
One additional spare flat chisels with each breaker	
One pneumatic greasing pumps with gun	
Painting	
As per manufacturer recommendations	
Painting color: should be mentioned	
General requirements	
1. Vehicle must be brand new and unused, having most recent updates and modifications , having monitoring built in system (by the manufacturer) (safty feature)	
2. Vehicle shall have all standard accessories, attachments and features	
3. Equipments installed in vehicles shall be made by well-known reputable manufacturers	
4. Specifications of vehicles shall be in compliance with Jordan traffic regulations, road and transport regulations and conditions	
5. Supplier shall guarantee supply of spare parts during the life time of the vehicles	
6. Warranty	
* Warranty against any defect caused by manufacturing reasons for all the vehicle including chassis and all other components - at least 2 years	
* Warranty for the tires, batteries as per manufacturers	
7. Training	
* Training shall be held in ministry of public works and housing / مديرية المشاغل for two drivers and three technicians	
8. Maintenance	
Oils, filters and labor wages for 2 years	
* Maintenance services shall be provided by local services center authorized for maintenance and repair by manufacturers	
* The maintenance services shall be provided at working location	