Office of the Rural Municipal Executive
Barbot , Gulmi
Lumbini Province,Nepal
General Technical Specifications

Name of project : Procurement Of Agricultural Equipment For Dhurkot Rural Municipality.
Address:Dhurkot Rural Municipality.

SN	Name Of Machine	Required Technical Specifications	Unit	Quantity	Rate In Figures	Rate in words	Amount	Remarks
1	Diesel Mini Tiller medium power category	Make & model : Internationally test certified, Minitiller,Engine :4 stroke, single cylinder, forced air cooled, Diesel engine,Rated Power :4 kw or more,Engine Speed(RPM):3600 or above ,,Bore* Stroke :78*62± 5(mm),Transmission system :friction wet type, Double clutch, no. of gear speed:2 forward &1 reverse and neutral,,Model of transmission:Driven by gear system,Number of rotor blades:32 blades.,Transportation wheel:Solid or Pneumatic tyre size (inch): 4.0:8,Starting method:Manual or Recoil starting system,Steering handle :Height adjustment provided.,Weight (Kg):Gross weight 120-130 kg ,Width of cut(cm):105 to 130,Depth of cut(cm):10 to 15,Fuel tank capacity(liter):3.5 to 4,Air cleaner:Oil bath type,Manual and documents:maintenance manual. Test report or any documents to verify the power of mini tiller.,Accessories parts & tools :One set of tool box, MT filled with lubricant & Gear oil (Ready to use).,Servicing :Two free servicing.,Warranty:Supplier must provide minimum one year warranty for manufacturing defects.	Nos					
2	Manual Seed planter- Double-Barrel Hand operated Seeder For Efficient Sowing &Fertilizer Application	Make, Model and Brand:Any,Country of manufacturer:Any,Type :Double -Barrel-Seeder ,Product Type :Manual Seeder,multi colour,Material:Plastic or Stainless steel,Efficiency:8000- 10000 m2/Day, Seedbox Capacity:2.5kg,Operator Required:1 person,Certification:Internationally test certified ,Warranty:1 year manufacturing defects.	Nos					

Rudra Bahadur Pannai
Chief Administrative Officer

3	Combine Rice Mill	Make, Model and Brand:Any,Product:Combine Rice Mill,Power Source: Electric motor,(100 % copper wire binding motor) 2.5kw or more,Voltage:220V/50Hz, single phase,Rotational Speed Motor:2800 rpm or higher ,Efficiency kg/hr:180 kg milling & 250 kg Hulling Feeding System:Hopper-fed system,Discharge System:Separate outlets for rice , husk and Flour , as applicable,Transmission System:Belt and pulley or equivalent drive system,Body Material:Durable steel or equivalent materia,Protective Guard:Provided for belts, pulleys and other moving parts,Rice Bran Collection:Bran outlet or collection arrangement, where applicable,Ease of Maintenance:Easily accessible parts for cleaning and servicing,Spare Parts:Essential spare parts available in Nepal,Installation:Complete installation with required accessories,Manual and documents:One set of operation and maintenance manual,Warranty:Supplier must provide minimum one year warranty for manufacturing defects.,Warranty	Nos					
4	Semi-Automatic Turmeric slicer/Haldi Slicer/Ginger Slicer	Make, Model and Brand:Any,Product: Turmeric slicer,Power Source: Electric, 1 Hp, or more ,Voltage:220V/50Hz, single phase ,Efficiency kg/hr:100 kg (Approx.),Body Material:Stainless Steel,colour:standerad,Automation Grade:Semi-Automatic,cutting Method:Slice,Usage/Application:Commercial uses or Commercial kitchen,Thickness of slice size Ranging from:2mm-3.5mm or adjustable,Manual and documents:One set of operation and maintenance manual,Warranty:Supplier must provide minimum one year warranty for manufacturing defects.	Nos					

Rudra Bahadur Pachnai
Chief Administrative Officer

5	Multi Crop Thresher	Make and Model Of Machine:Any,Product:Multi Crop Thresher ,Power Source:Electric motor,(100 % copper wire binding motor) 2 HP/1.5kw or more ,Voltage:220V/50Hz, single phase ,Rotational Speed Motor:1440 rpm or higher ,Roller Speed :820 rpm or higher,Roller Diameter (mm):Not less than 230,Roller Length (mm):Not less than 750,Fan Speed:2450 rpm or higher ,Breakage rate :≤2%,Total Loss:≤2%,Feature :After threshing particles, the crop is clean without impurities,Productivity application:300-600kg/hrRice, Wheat, millet,Gross Weight :At least 70kg ,Manual and documents:One set of operation and maintenance manual,Warranty:Supplier must provide minimum one year warranty for manufacturing defects.	Nos					
6	Pellet Machine	Make and Model Of Machine: Any,Product :Pallet Machine,Power Source: Electric motor,(100 % copper wire binding motor) not less than 5Hp ,Voltage:220V/50Hz, single phase ,Motor Speed:1400 RPM or higher,Production Capacity:Minimum 150–200 kg/hour,Pellet Diameter:2–8 mm, interchangeable dies,Roller Material:Heavy-duty hardened steel,Feeding System:Hopper feeding system,Machine Body:Heavy-duty steel construction,Pellet Cutting System:Adjustable pellet length cutter,Application:Animal feed, cattle feed and poultry feed, as suitable for the offered model,Manual and documents:One set of operation and maintenance manual,Warranty:Supplier must provide minimum one year warranty for manufacturing defects.	Nos					
7	Cornsheller	Make, Model and Brand:Any,Country of manufacturer:Any,Type :Double tube ,Power Source :Electric(Motor-operated, copper coil 100%, single phase motor),Voltage :Single phase, 220-240 V & 50Hz,Rated Power :1.5hp(Not less than 1.1kw),Power transmission system:Belt type ,Material:Heavy- duty steel or Stainless steel,,Capacity:≥240kg/hr,Tooth spacing:20mm,Kernel breakage rate :< 1%,Threshing rate :≥99%,Suitability:Corn ,Certification:Internationally test certified ,Warranty:1 year manufacturing defects	Nos					
8	Portable Earth Augers & post Hole Diggers(Handheld)	Function:powered by 2-stroke(52cc model)which have spiral helical blade.Application:Bore holes for trees sapling,fence posts and construction.Power output:2hp to 3hp(approx.1.5kw to 2.2kw) 6500-8500 RPM.Drill bit Diameter:supports interchangeable spiral bits ranging from 4inch to 12 inches.Drilling Depth:600mm to 800mm extendable up to 1500-1800mm with shaft extensions.Fuel & tank capacity:1.0-1.25 liters.Machine weight:9kg-19kg(excluding the drill bit)	Nos					
				Sub Total (A)				
				VAT 13%				
				Grand Total				

Rudra Bahadur Pachha
Chief Administrative Office