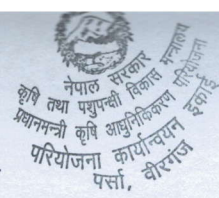




नेपाल सरकार
कृषि तथा पशुपंछी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाई, पर्सा



Name of Work: Complete Supply and Installation of Rice Processing Machinery and Equipments at Prime Minister Agriculture Modernization Project, Project Implementation Unit, Parsa

QUOTATION FORM


S.N	Name of Implements with Description	Technical Specification	Offered Price		Remarks
			Total Price in Figure	Total Price in Words	
1	Paddy Cleaner				
	Make and Model				
	Country of manufacturer				
	Capacity	1 TPH			
		<= 14%			
	Features	It separates the impurities, like mud, straw, sand out of the coming raw paddy.			
	Cylinder cleaning sieve	mainly composed of sieve cylinder, charging device, cleaning device and drive device.2 sieve cylinders are installed at one end of drive axle in horizontal cantilever state, the spiral blade shall push out the large impurity, and fine impurity shall drop down with the sieved material			
	Orientation	Vertical			
	Dust suction	approximately 130 mm dia.			
	Motor power required	>=1.5 kw			
	Motor on blower	>=3.73 kw			
	Air Volume	>=2500 m3/hr.			
	Voltage required	380V, 3 phase, 50HZ			
	RPM of spindle (r/min)	450			
Certification	ISO certified or respective country certification				
Warranty	at least one year manufacturing defects				
2	V.B Elevator				
	Make and Model				
	Country of manufacturer				
	Type	Bucket elevator			
	Body Material	Stainless steel frame structure with top & bottom 14 gauge sheets but box must be of 16 gauge sheet. High quality rubber belt (nylon cotton belt)			
	Delivery valve capacity	=2 TPH			
	Main wheel speed	>=2.7 m/s			
	Main wheel diameter	190mm			
	Winnowing pan space	<=182 mm			
	Maximum elevator height	>=6.5 m			
	Motor power	>=0.75 KW			
	Gear	>=0.75 kw			
	Mounting hole size	550×170×Ø21			
	Mechanism	Automatic type			
Certification	ISO certified or respective country certification				
Warranty	at least one year manufacturing defects				
3	Paddy De-Stoner				
	Make and Model				
	Country of manufacturer				
	Features	It separates stones and heavy impurities			

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Capacity	1 TPH
Motor power required	>= 0.75 kw
Gear	0.75kw
Cyclone	>=1120 mm of 16 gauge think Stainless steel sheet
Additional accessories	Blower of 5.5 kw
Airlock	6"
Construction body	Robust material
Inclination of sieve	10-14 degree
Air Volume	450 m3/hr
Certification	ISO certified or respective country certification
Warranty	at least one year manufacturing defects
4 Paddy De-Husker	
Make and Model	
Country of manufacturer	
Capacity	1Ton/Hr
Features	It separates paddy, brown rice, rice husk and return back unhusked paddy to husker again.
Type	Pneumatic type Rubber roll
Motor power required	>=7.5 hp
Size	>= 10 inch
Voltage required	380V, 50Hz, 3phase
Additional accessories	Husk fan with 3.73 hp motor attachment
Certification	ISO certified or respective country certification
Warranty	at least one year manufacturing defects
5 Gravity Paddy Separator	
Make and Model	
Country of manufacturer	
capacity	1 Ton/Hr
Type	Double deck/Single deck structure
Features	It processed of paddy raw materials with mixed varieties and poor particle size uniformity, high separation efficiency, and simple operation.
Feeding mechanism	It includes a hopper, a flow control gate, a large trash screen surface and a leveling device, which mainly plays the role of adjusting the flow, removing large trash and evenly distributing materials.
Discharging device	It is equipped with a discharging regulating plate, which is used to adjust the relative proportions of the discharged rice, brown rice and the mixture, so as to control the purity and flow rate of the clean brown and re- husked rice.

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	Separation box	It is jointly supported on the frame by two sets of support rods, the separation box body is bi-directionally inclined, and the horizontal inclination angle (the horizontal direction is consistent with the vibration direction of the box body) is greater than the longitudinal inclination angle. The lateral inclination angle of the box can be adjusted by the eccentric lifting device of the supporting mechanism to meet the requirements of the process and raw materials.			
	Motor power required	>=1.1 kw			
	Voltage required	380V, 50Hz, 3phase			
	Spacer Plate	8			
	Spacer Plate setting angle	14-18°C horizontally and 6-6.5°C vertically			
	Main shaft rotation	>=250 rpm			
	Certification	ISO certified or respective country certification			
	Warranty	at least one year manufacturing defects			
6	Rice Polisher				
	Make and Model				
	Country of manufacturer				
	Capacity	1 Ton/Hr			
	Features	It fully remove the bran powder adhering to the surface of white rice, so that the surface of the rice grains is clean and bright; the polished rice not only greatly improves the storage time, but also has the special function of maintaining the taste and freshness of the rice, thereby improving the rice Edible quality and hygiene standards.			
	Abrasive type	Horizontal polishing or Vertical polishing			
	Method of rice mill polisher	controlling air humidity during the polishing process			
	Components	feeding mechanism, polishing chamber, water supply system, discharging mechanism, rice bran collection.			
	Construction materials	Stainless steel (at least 0.5mm-1.0 mm thick sheet)			
	Transmitting of power	V-belt and pulley, gears or sprocket and chain.			
	Motor Power required	>=22.38 kw			
	Voltage required	380V, 50Hz, 3phase			
	Certification	ISO certified or respective country certification			
	Warranty	at least one year manufacturing defects			
7	Rice Grader				
	Make and Model				
	Country of manufacturer				
	Capacity	1 Ton/Hr			

Samosh Pandit


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