



OILSEEDS RESEARCH UNIT
Dr. PanjabraoDeshmukhKrishiVidyapeeth,
P.O. Krishi Nagar, Akola 444 104 (Maharashtra)

Senior Research Scientist
Dr. S. J. Gahukar

☎ 8208642571
E-mail srsoilseedspdkv@rediffmail.com
srsoilseeds@pdkv.ac.in

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Quotation Notice

Subject: Quotation for purchase of Groundnut Thresher, Oil Expeller Worm Type, Press Filter for Oil, Boiler for heating Oilseeds, Multipurpose Grain cleaner cum grader & Lakdi ghana at Oilseeds Research C, Dr. PDKV, AkolaRegarding

With reference to above cited subject, please send your quotation rates for **Groundnut Thresher, Oil Expeller Worm Type, Press Filter for Oil Boiler for heating Oilseeds and Multipurpose Grain cleaner cum grader** at Oilseeds Research Centre, Dr. PDKV, Akola as per the specification given below.

Groundnut Thresher (Tractor powered 15 to 25 hp)

| Sr.No. | Particular | Specification |
|--------|---|--|
| 1. | Power Rating | 15 to 25 HP |
| 2. | Types of Crops | Sunflower, Safflower & Groundnut |
| 3. | Hopper diameter | 800 mm |
| 4. | Hopper Height | 650 mm |
| 5. | Transmission Type | Gear- Box |
| 6. | Type of Bearings | UCP 205 (Grease Bath type) |
| 7. | Chasis Type | Ladder Frame (100 mm channel) |
| 8. | Capacity | 800-1000 kg per hour (depending upon crop) |
| 9. | All accessories required to run on tractor & also give demonstration of the machine | |

Oil Expeller worm type (100-150 kg/hr capacity)

| Sr.No. | Particular | Specification |
|--------|--|---------------------------------|
| 1. | No. of Bolts | 6 Bolts |
| 2. | Worm Size | 600 mm |
| 3. | Capacity | 80-100 kg/hr |
| 4. | Phase | 3 Phase |
| 5. | Power | 10 HP |
| 6. | Motor Type | Induction type (Copper Winding) |
| 7. | Motor Make | Saguna/Crompton |
| 8. | Body Type | Box Structure |
| 9. | All accessories required to run the machine & also give demonstration of the machine | |
| 10. | Preparation of foundation and fitting should be included | |

Press Filter for Oil with Pump & Fitting

| Sr.No. | Particular | Specification |
|--------|---|---------------------------|
| 1. | Capacity | 50 to 70 liters/hr |
| 2. | No. Of Plates | 5 Plates |
| 3. | Filter Type | Press Filter |
| 4. | Element Size | 300 x 300 mm |
| 5. | Material | SS 304 Grade (Food Grade) |
| 6. | Bottom tank and filtered clothe along with fitting charges should be Included | |

Boiler for heating Oil seeds (Baby Boiler) for running Oil expeller having capacity 100-150 kg/hr

| Sr.No. | Particular | Specification |
|--------|---|-----------------|
| 1. | Type | Electric Boiler |
| 2. | Voltage | 220-240 Volts |
| 3. | Frequency | 50-60 Hz |
| 4. | Phase | 3 Phase |
| 5. | Material | SS 304 Grade |
| 6. | All accessories needed to fitting to expeller along with labour charges | |

Multipurpose grain cleaner cum grader


| Sr.No. | Particular | Specification |
|--------|-----------------------------------|---------------|
| 1. | Power | 2 HP |
| 2. | Phase | Single Phase |
| 3. | Capacity | 300-500 Kg/Hr |
| 4. | Length | 1400 MM |
| 5. | Width | 600 MM |
| 6. | Height | 1200 MM |
| 7. | All accessories needed to fitting | |

Lakdi Ghana

| Sr.No. | Specification |
|--------|---|
| 1. | 6 mm thickness sheets for Loading bearing |
| 2. | 16 mm thickness plate for white roller holders |
| 3. | 50 mm Round rod for screw rod |
| 4. | EN 19 Grade material for main Shaft |
| 5. | Mitsuboshi- Japan Brand imported Belts for longer life |
| 6. | SKF Bearings |
| 7. | TVS Brand Bolts 2 mm thick 304 grade Seed putting Hooper and oil Tray |
| 8. | All accessories needed to fitting should be supplied |

Terms and Conditions

1. The quotation should be reach in the office, Oilseeds Research Unit, Dr. PDKV, Akola on or before **13/03/2023 at 5.00 P.M.** positively.
2. The quotations should be in the name of **Senior Research Scientist, Oilseeds Research Unit, Dr. PDKV, Akola**
3. The quotation will be accepted on all working days between 10.00 a.m to 5.00 p.m.
4. The rate quoted should be **inclusive GST** with delivery at office of the Senior Research Scientist, Oilseeds Research Unit, Dr. PDKV, Akola.
5. **The firm should be registered having GST No.**
6. The right to accept whole or part of the quotation or to reject is reserved with the undersigned any reasons.
7. **The rate will be valid for 6 months from the date of final approval of authority.**
8. **All machinery working with necessary fitting to demonstrated at Oilseeds research Centre Dr. PDKV, Akola**


Senior Research Scientist
Oilseeds Research Unit,
Dr. PDKV, Akola