



**KERALA AGRICULTURAL UNIVERSITY  
AGRICULTURAL RESEARCH STATION  
MANNUTHY – 680651. THRISSUR**

Phone: 0487-2370726, Email : [arsmannuthy@kau.in](mailto:arsmannuthy@kau.in)

**RE - TENDER NOTICE No. B/484/2020(i) dated 18.02.2021**

**Sealed and competitive tenders are invited for the supply of “Stationery Tools”  
as per list attached**

**The tender documents and conditions**

1. The tender form may be downloaded from the following web link in the Internet:  
<http://www.kau.in/tenders>.
2. The cost of tender form is Rs. 0.20% of PAC (rounded to nearest 100/-- minimum Rs.400/- + 12 % GST. A DD for the amount drawn in favour of **The Professor and Head, Agricultural Research Station, Mannuthy, Pin-680651, Thrissur**, payable at **SBI Ollukkara (Code-70210)** should be enclosed along with the tender submitted.
3. Earnest Money Deposit (EMD)
4. EMD @ 1 % of the cost of item offered may be remitted by a separate DD drawn as detailed above.
5. Agreement on Kerala Stamp paper for Rs. 200.00  
Form of agreement can be downloaded from the website <http://www.kau.in/tenders> under the Related Documents section.
6. The offer for the item should indicate separately the basic unit and its cost. Taxes, customs and excise duty, packing, forwarding and any other cost should also be included.
7. The sealed cover containing the tender documents should be superscribed “**Stationery Tools**” and sent to The Professor and Head, Agricultural Research Station, Mannuthy, Pin-680651, Thrissur, Kerala.
8. Tenders received late or incomplete in any respect will be summarily rejected without notice and the decision of the undersigned on such matters will be final.
9. Successful tenderers will have to execute an agreement and remit security deposit @ 5% of the value of the articles ordered, less the amount of EMD, drawn as DD or fixed deposit receipt.
10. The supplier should give the details of the nearest center and response time.
11. Details of warranty, after sale service offered on expiry of normal warranty period, available should be mentioned.

12. The undersigned reserves the authority to accept or reject any or all the tenders without assigning any reason.
13. The decision of the undersigned in finalizing the tenders shall be final and binding.
14. Leaflets/brochures/catalogues of the materials describing its features, applications, specifications etc. should be provided along with tender.
15. Tenders will be received up to 12.30 PM on 26.02.2021
16. Tenders will be opened at 2.30 PM on 26.02.2021 in the presence of the tenderers who present at that time.
17. The supplier should supply the item in this station.
18. All conditions of Kerala government tenders are applicable in this case also. Further information can be had from the web site <http://www.kau.in/tenders> or from the office of the Professor and Head, Agricultural Research Station, Mannuthy, Pin-680651, Thrissur.

Sd/-

**PROFESSOR & HEAD**

**KERALA STATE AGRICULTURAL MECHANISATION MISSION  
AGRICULTURAL RESEARCH STATION, MANNUTHY**

**List of General Tools for Mobile Agro Machinery Repair & Service unit**

**A. Stationary Tools**

| Sl. No | Item                          | Specification   | Quantity |
|--------|-------------------------------|---|----------|
| 1.     | Air compressor                | Capacity –20 lit, mono block single stage, direct drive reciprocating, single cylinder<br>Horse power – 1.5<br>Output Pressure - 10 Bar<br>Including pressure hose 10m and pressure gauge           | 1        |
| 2a.    | Angle Grinder                 | Power Input – 700 to 1000 W<br>No Load Speed - 11000 rpm / 16000 rpm<br>Weight - 1.4 to 4 kg<br>Disc dia 100mm / 125mm with locking side switch, two position auxiliary handle                      | 3        |
| 2b.    | Flexible Shaft Grinder        | Two speed flexible shaft grinder, Collect Size – 6mm<br>No of load speed – 1200-11500<br>Rated power input – 370w<br>Weight less than 8 kg  | 1        |
| 3.     | Anvil                         | Weight - 50kg<br>Horn Length – 145 + 145 cm, width 100mm<br>Overall Length – 400mm, height – 250mm  | 1        |
| 4.     | Battery charger               | 120 volts – 7 Amps<br>Can convert AC 220V to 12 DC output<br>Capacity – 7 AH – 220 AH<br>Input voltage – 220-230<br>With reverse indication protection  | 1        |
| 5.     | Bench drilling machine – 13mm | Electric Motor , Single Phase, 250/500w, No load speed -3200 RPM with variable speed, Drilling Diameter upto 13 mm, Drill Depth – 10 to 75 mm, weight – 20 – 50 kg<br>Drill bits 6mm – 13mm(2 sets) | 1        |
| 6.     | Bench grinder                 | Motor – 0.50HP, Single Phase , no load speed 3450rpm with cast iron base with rubber mount  | 1        |
| 7a.    | Bench vice – rear saw sliding | Jaw width –150 mm (6”), jaw opening 200mm, jaw depth 75mm<br>Tensile strength - 90,000+ PSI (cast vise)<br>Weight approximate 30 kg   | 2        |
| 7b.    | Bearing pulling vice          | Jaw width 100mm<br>Jaw opening 80mm<br>Throat – depth 65mm, weight upto 9kg   | 1        |
| 8.     | C-clamp                       | Size – 150 to 300 mm (6” to 12”)  | 2        |
| 9.     | Grease Gun Lever Type         | Maximum Pressure – 8000 to 10000 PSI, Cartridge capacity – 500cc  | 1        |

|     |  |  |   |
|-----|--|--|---|
| 10. | Hand Drill                               | Single phase, Rated power input - 250 to 600 W, Max. Drill Diameter - 13mm, Max Hole Size - 13 mm                                      | 2 |
| 11. | Hydraulic Jack (Trolley)                 | Max. Capacity – 5 tonne<br>Trolley jack, double piston<br>Capacity 3 to 5 m  | 1 |
| 12. | Hydraulic jack (vertical)                | Lifting capacity – 20 Ton<br>Handle operated<br>Minimum height 245mm<br>Lifting height 145mm<br>Weight upto 12.5kg                     | 1 |
| 13. | Screw jack (Ratchet type)                | 5 ton capacity<br>Maximum height 900mm   | 4 |
| 14. | Scissor jack                             | Capacity 2 tonnes<br>Base plate size -150 x 90 mm, Spindle thread- 12.5 x 2.5 mm, Length - 450 mm,<br>Lifting height – 100 – 380mm     | 2 |
| 15. | Hydraulic press (Manual operated)        | Max. capacity – 10 tonne<br>Double lever pump, Distance between column – 600 mm x 150 mm, Distance between ram to bed - 75mm x 600mm   | 1 |
| 16. | Pegboard (Wall mounted - Marine plywood) | 400 mm Tall x 800 mm Wide horizontal Pegboard Panel  | 2 |
| 17. | Pipe bending machine (hydraulic)         | Flexible maximum angle up to 90°, Output:16t, adjustable column, high and low pressure plunger<br>Mold configuration: [DIES]-- 22-60mm | 1 |
| 18. | Portable Crane                           | Capacity – 2 tonnes<br>Lifting range 25 – 2445cm<br>1740 mm (L) x 1040mm(W) x 1580mm(H)  | 1 |
| 19. | Shearing cutter                          | Cutting and sizing mild steel sheets of 1- 3mm size, Blade Length– 400 mm, Max. cut in one Stroke – 400 mm                             | 1 |
| 20. | Torque Wrench                            | Adjustable type - 50 to 225 NM<br>Ratchet type, 25-135/50-220 mm square drive ½” (127 mm)  | 2 |
| 21. | Tyre pressure Gauge                      | (PSI ang Kg)<br>Measuring Range: 0 to 100 Kg/cm <sup>2</sup><br>Size: 100 mm   | 2 |
| 22. | Welding machine (Inverter type)          | AC 220-230V single phase (50/60 H2)<br>Input power (KVA) 94,<br>rated input current (A) 42.8<br>(with PCB Board 3 nos)                 | 1 |
| 23. | ARC Welding machine (AC)                 | AC ARC Welding machine single phase, 2KVA<br>Output – 50 – 300 A<br>220 – 240 – Volt<br>Frequency – 50 - 60hz                          | 1 |

|     |                          |   |   |
|-----|--------------------------|---|---|
| 24  | Spray gun                | Capacity 500 – 600 ml<br>Operating Drum – 40 to 60 psi<br>Nozzle Size 1.3 to 1.4 mm<br>Bar pattern width 180 to 250 mm<br>Feed – Gravity<br>Air consumption – 100-300 lpm | 1 |
| 25. | Power Hacksaw Electric   | Electric Motor – 1 hp<br>RPM – 1440<br>No of strokes per minute 65-100<br>Blade size – 350mm X 25 mm<br>Cutting Capacity – Round bar -175mm<br>Square bar – 150 mm        | 1 |
| 26. | Motorized Saw (Circular) | Single phase – 220-240, 50/60hz, 10A, 2200W,<br>355mm X 4mm X 25.4mm<br>RPM – 3800  | 1 |
| 27. | Chain Pulley             | Single grinder crane, Mild steel<br>Manual type<br>Capacity – 2 tons<br>Standard lift – 3 m   | 1 |
| 28. | Soldering gun            | Pistol grips design<br>100 – 240 Watts, 12 Volt,<br>Adjustable temperature  | 1 |
| 29. | Portable Generator       | 2.0 KVA petrol operated<br>Rate output 1800w, voltage 230,<br>weight – less than 25kg   | 1 |
| 30. | Hot air blower           | Temperature range : 3 stage 60/350/500°C<br>Flow rate : 3 stage 350/350/550 lpm<br>Power : 1800 Watts<br>Weight less than 1 kg  | 1 |

Sd/-  
**Professor & Head**