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भारत सरकार  
Government of India  
कृषि एवं किसान कल्याण मंत्रालय  
Ministry of Agriculture and Farmers Welfare  
कृषि, सहकारिता एवं किसान कल्याण विभाग  
Department of Agriculture, Cooperation and Farmers Welfare  
दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान  
Southern Region Farm Machinery Training and Testing Institute  
ट्रैक्टर नगर, गार्लदिन्ने – 515 731, जिला: अनंतपुर (आं. प्र.)  
Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)  
[An 9001:2015 CERTIFIED INSTITUTE]

फाइल संख्या /File No. 10-13/2017-CPS

दिनांक/Dated:02.08.2018

### **TENDER NOTICE**

Sealed Tenders are invited by Director, Southern Region Farm Machinery Training and Testing Institute, Garladinne, Dist. Anantapur (AP) from manufacturers/agencies or experienced/reputed firms to supply the following machinery/equipment on the terms and conditions printed overleaf. Interested Firms are requested to send their Tender **on or before 24.08.2018** with detailed specifications along with literature/leaflets and other relevant information etc.

Sl.No.	Item	Quantity
1.	LIST OF MACHINERY ALONG WITH SPECIFICATIONS IS ATTACHED	ONE NO. EACH

P.T.O

## TERMS & CONDITIONS

1.	Validity of Tender price will be minimum <b>180 days</b> from the last date of receipt of Tender in this office.
2.	No insurance charges will be paid by the consignee.
3.	Taxes etc. if any should separately be mentioned clearly in the Tender. No Form C/D will be provided.
4.	Detailed specifications should be indicated with the Tender.
5.	Brochures/diagrams/photos /relevant information if any, should be supplied with the Tender.
6.	Delivery period should be mentioned in the Tender.
7.	The firms which are registered as approved contractors by DGS&D may quote the rate. In case they are not registered with DGS&D, they should mention on the top of the quotation that they are not registered with DGS&D.
8.	In case the supply does not conform to our required specifications, the material will be returned at your cost for replacement.
9.	The firm/manufacturer should clearly furnish their valid full address in the Tender for correspondence.
10.	If the Items under reference are proprietary items of the firm, self certification of the firm in this regard may be attached with the Tender which should clearly state that none other than your firm is manufacturing/fabricating such items across India.
11.	Break-up of taxes, packing & forwarding charges if any should be given
12.	Prices should include supply, assembly and commissioning at site.
13.	Payment will be made after receipt of items at this Institute in good condition
14.	The Director reserves the right to accept or reject any of the Tenders without assigning any reason.

**The Tender should be sent in SEALED/CLOSED envelope conspicuously marked QUOTATION against reference letter No.10-13/2017-CPS DATED 02.08.2018. DUE ON 24.08.2018**

पी. कमलाबाई/(P.KAMALABAI)

वरिष्ठ कृषि अभियंता/ **Senior Agricultural Engineer**

कृते निदेशक/ For DIRECTOR

## SPECIFICATIONS OF AGRICULTURAL MACHINERY

SI.No.	Specification of Machine
1.	<p><b><u>Self propelled Paddy reaper, walk behind type</u></b></p> <ul style="list-style-type: none"> <li>● Engine: Vertical/Horizontal, Air cooled, 4 stroke, Single cylinder, Diesel</li> <li>● Power: 3-5 H.P.</li> <li>● Cutting width: 1 to 1.2 meters</li> <li>● Starting method: Manual, Hand cranking</li> </ul>
2.	<p><b><u>Mould Board Plough, Reversible, 2bottom</u></b></p> <ul style="list-style-type: none"> <li>● 2 bottom (Two for each side of transverse axis) (2+2)</li> <li>● Type of Mould Board: General purpose</li> <li>● Size of Plough: 2 x 320 mm.</li> <li>● Type of reversing mechanism: Hydraulic</li> </ul>
3.	<p><b><u>Disc Plough, 2 bottom</u></b></p> <ul style="list-style-type: none"> <li>● Overall Width (mm)- 1320 mm</li> <li>● Overall Height (mm)- 1270 mm</li> <li>● Number of discs-2</li> <li>● Diameter of disc (mm)- 660</li> <li>● Depth of cut (mm)- 254</li> <li>● compatible tractor-30-40 HP</li> </ul>
4.	<p><b><u>Rotavator</u></b></p> <ul style="list-style-type: none"> <li>● Type of Rotor axle: Tubular section with provision to fix J type and C type blades for dry land operation</li> <li>● Type of Rotor blades: Type J &amp; C</li> <li>● No. of Blades: 36</li> <li>● Speed of Rotor: 200</li> <li>● Recommended Tractor size: 35-45 hp</li> <li>● Type of Drive: Gear type</li> <li>● PTO Speed : 540 rpm</li> </ul>
5.	<p><b><u>Shrubmaster (Rotary slasher)</u></b></p> <ul style="list-style-type: none"> <li>● Cutting Width: 52"</li> <li>● PTO speed: 540 RPM</li> <li>● Tractor HP: 35-40 hp</li> <li>● No. of blades on frame: 02</li> </ul>
6.	<p><b><u>Brush cutter</u></b></p> <ul style="list-style-type: none"> <li>● Engine: Single cylinder, 4 stroke, Air cooled, Spark ignition Engine</li> <li>● Power: About 1 kW.</li> <li>● Starting method: Manual, recoil starting system</li> <li>● Type of Drive Gear: Gear type</li> </ul>
7.	<p><b><u>Power Weeder</u></b></p> <ul style="list-style-type: none"> <li>● Engine Type: Air cooled, single cylinder, 4 stroke, spark ignition Engine</li> <li>● Power: 4-5 kW</li> <li>● Type of Clutch: Wet, friction, multiplate</li> <li>● Type of Gear Box for rotor: Chain and sprocket with one reverse gear</li> <li>● No. of Rotor blades: 24-32</li> <li>● Starting method: Manual, recoil starting system</li> <li>● Drive wheel: Pneumatic-2 no.</li> </ul>

8.	<p><b><u>Mobile Shredder, Tractor mounted</u></b></p> <ul style="list-style-type: none"> <li>• Tractor size: 40-45 hp</li> <li>• Feeding system: Roller type, 3+3 blades, Gear drive</li> <li>• Cutting system: Disc type</li> <li>• Trash cutting unit: Ply wheel type</li> </ul>
9.	<p><b><u>Chain Saw, Power operated</u></b></p> <ul style="list-style-type: none"> <li>• Engine: 2 stroke, single cylinder, air cooled, vertical, spark ignition</li> <li>• Power: 3-4 hp</li> <li>• Effective size of machine: 450 mm.</li> <li>• Type of Drive: Power to be transmitted to chain saw through Clutch and brake unit.</li> <li>• Type of clutch: Centrifugal, fly weight</li> <li>• Starting method: Manual, recoil starting system</li> </ul>
10.	<p><b><u>Disc Harrow, Trail type</u></b></p> <ul style="list-style-type: none"> <li>• <b>Frame (mm)</b> : 100 mm Square Tubular Frame</li> <li>• <b>Gang Axle:</b> Square bar</li> <li>• <b>Disc Diameter:</b> 24"</li> <li>• <b>No. of Disc:</b> 18</li> <li>• <b>No. of Bearing Hubs:</b> 8</li> <li>• <b>Type of Disc:</b> Front –Notched &amp; Rear – Plain</li> </ul>
11.	<p><b><u>Cultivator, Spring loaded, heavy duty, 9 tyne</u></b></p> <ul style="list-style-type: none"> <li>• <b>Frame (mm):</b> 75x40</li> <li>• <b>Length (mm / Inch):</b> 2032 /80</li> <li>• <b>Tyne:</b> 50x25mm (Forged)</li> <li>• <b>Spring (mm):</b> WD 10 x OD 49 (28 Coils)</li> <li>• <b>Shovel:</b> 8mm En-45</li> </ul>
12.	<p><b><u>Cultivator, Spring loaded, heavy duty, 11 tyne</u></b></p> <ul style="list-style-type: none"> <li>• <b>Frame (mm):</b> 75x40</li> <li>• <b>Length (mm / Inch):</b> 2489/ 98</li> <li>• <b>Tyne:</b> 50x25mm (Forged)</li> <li>• <b>Spring (mm):</b> WD 10 x OD 49 (28 Coils)</li> <li>• <b>Shovel:</b> 8mm En-45</li> </ul>
13.	<p><b><u>Self propelled Reaper</u></b></p> <ul style="list-style-type: none"> <li>• Four stroke air cooled single cylinder compression ignition engine</li> <li>• <b>Power:</b> 4-5 kW</li> <li>• <b>Starting method:</b> manual, recoil starting</li> <li>• Gear box sliding or constant mesh</li> <li>• Type of final drive-chain and sprocket</li> <li>• Type of reaper clutch-dog clutch</li> <li>• Transport wheel-pneumatic, traction, two numbers</li> </ul>