



EOI SCHEDULE

Empanelment of the suppliers for supply of Tractor Drawn Implements, Plant Protection Equipment, Power Weeders, Brush Cutters and Power Tillers During the year 2024-25 under Subsidy Scheme

Pre Bid Meeting	: 03-02-2025 at 11.00 AM
Last date for submission of Bid	: 14-02-2025 up to 12.00 PM
Date of opening of Technical Bids	: 14-02-2025 at 14.00 PM



ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

G1, G2, 101, Prime Hill Crest, Vaddeswaram, Guntur District
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**ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT
CORPORATION LTD.**

#G1, G2, 101, Prime Hill Crest, Vaddeswaram Village,
Guntur District – 522502, Andhra Pradesh

AGROS/FMD/SMAM/EOI/2024-25

Dated:24-01-2025

E.O.I. NOTICE

Sealed Quotations are invited from reputed manufacturers/Importers for supply of different types of Farm Equipment in all districts of Andhra Pradesh State for the Financial year 2024-25 under the subsidy schemes of Department of Agriculture. The EOI schedule including cost and submission particulars etc., are as follows:

S. No.	Category of Equipment	Cost of EOI Schedule	Submission of bids starting and closing dates	Last date and Time for Submission of Bids	Date of opening of Technical Bids
1	Tractor drawn implements	Rs.10,000	27-01-2025 to 14-02-2025	14-02-2025 up to 12.00 PM	14-02-2025 at 14.00PM
2	Sowing Equipment				
3	Power Tillers, Power weeders and Brush cutters				
4	Plant Protection Equipment				

EOI Schedule can be down loaded from AP E-Procurement portal and our website www.apagros.org from 25-01-2025 onwards. EMD and EOI document cost shall be ONLINE as per the norms of AP E-Procurement Portal. Pre-Bid meeting scheduled on 03-02-2025 at 11.00 AM at our Regd.Office, Vaddeswaram.

**VICE CHAIRMAN AND
MANAGING DIRECTOR**



ANDHRA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LTD.

#G1, G2, 101, Prime Hill Crest, Vaddeswaram Village,
Guntur District – 522502, Andhra Pradesh

AGROS/FMD/SMAM/EOI/2024-25

Dated:24-01-2025

EOI SCHEDULE

Name of work: Supply of Tractor Drawn Implements, Plant protection Equipment, Power Weeders, Brush Cutters and Power Tillers during the year 2024-25 under subsidy scheme.
Ref : Agros/FMD/SMAM/EOI/2024-25, Dt.24-01-2025

Preamble:

The Department of Agriculture, Government of Andhra Pradesh State is implementing CSS-SMAM subsidy schemes for supplying **various type of Agricultural Implements & Equipment** to the farmers in the State of Andhra Pradesh through the Nodal Agency A.P.S.Agro Ind. Dev. Corp. Ltd. (APSAIDCL), a Government of Andhra Pradesh undertaking.

Technical & price quotations are invited from reputed manufacturers for supply of various types of Tractor Drawn Implements, Plant protection Equipment, Power Weeders, Brush Cutters and Power tillers.

The Bidders intending to participate in this Expression of Interest (EOI) schedule are required to get enrolled/registered on AP State E-Procurement portal. Enrolment /registration and subsequent empanelment in the above portal is mandatory.

A. ELIGIBLE CONDITIONS FOR OFFERER(S):

TRACTOR DRAWN IMPLEMENTS

1. Those having valid SSI Certificate Part II or 3 completed years of experience with workshop license for manufacturing agricultural implements as specified in the schedule for supply of different types of Agricultural Implements, having annual turnover of more than Rs.25.00 lakhs for SSI units and Rs.50.00 lakhs for other firms. SSI Certificate Part II shall indicate the specific implements manufactured by the offerer(s).
 - a) For Rotavator Manufacturing firms, turnover should be Rs.5.00 crores per annum in last 03 years.
2. The offerer(s) shall be a manufacturer of Tractor drawn implements shall enclose the copy of manufacturing license.
3. The Offerer(s) shall have a full-fledged workshop with sufficient skilled technical personnel for manufacturing agricultural implements as per the prescribed specifications and to attend post sales service.
4. The firm should have valid GST & PAN number.

5. Income tax returns for the Financial Year 2021-22, 2022-23, 2023-24.
6. Tractor drawn conventional/mechanical implements such as Ploughs, Harrows, Seed Drills etc., costing less than Rs.50,000/- (Rupees Fifty thousand only) need not submit Commercial Test Report (CTR) either from FMTTI or any identified Institute by DA&FW. For such machines self-certification for the desired specification/quality/performance of Agricultural Implements and tools shall be submitted.
7. Above Rs.50,000/- cost Agricultural Implements CTRs either from FMTTI or any identified Institute by DA&FW must be produced in hard copies only.

SOWING EQUIPMENT TRACTOR DRAWN:

1. Those having valid SSI Certificate Part II or 3 completed years of experience with workshop license for manufacturing Sowing equipment as specified in the schedule for supply of different types of Sowing equipment, having annual turnover of more than Rs.25.00 lakhs for SSI units and Rs.50.00 lakhs for other firms. SSI Certificate Part II shall indicate the specific implements manufactured by the offerer(s).
2. The firm should enclose Commercial test report, from FMTTI centers or any Agriculture Universities, institutions recognized by Ministry of Agriculture GOI, as per their guidelines.
3. The offerer(s) shall be a manufacturer of sowing equipment shall enclose the copy of manufacturing license.
4. The Offerer(s) shall have a full-fledged workshop with sufficient skilled technical personnel for manufacturing of Sowing equipment as per the prescribed specifications and to attend post sales service
5. The firm should have valid GST & PAN number.
6. Income tax returns for the FY 2021-22, 2022-23, 2023-24
7. List of dealers, address, mail ID, bank account, IFSC Code in Andhra Pradesh and Turnover (IT returns of last 03 years of each dealer shall be uploaded).

POWER TILLERS, POWER WEEDERS AND BRUSH CUTTERS:

1. Firms should have Manufacturing license for Power Tillers, Power weeders and Brush Cutters from the Govt. of India should have minimum 3 years' experience in production of Power Tillers. Annual turnover should be Rs.5.00 crores per annum in last 03 years.
2. The manufacturers/importers who supplies power tillers, Brush cutters and power weeders should enclose commercial test report, from FMTTI centers or any Agriculture Universities, institutions recognized by Ministry of Agriculture GOI as per their guidelines.

3. Manufacturers/importers whose models are approved by Ministry of Agriculture, Government of India as per the latest eligibility list only need apply.
4. The Offerer(s) shall have a full-fledged workshop with sufficient technical personnel and dealers network to attend after sales service.
5. The firm should have valid GST & PAN number.
6. Income tax returns for the FY 2021-22, 2022-23, 2023-24
8. List of dealers, address, bank account, IFSC Code, GST number in Andhra Pradesh and Turnover (IT returns of last 03 years of each dealer shall be uploaded).
- 7.

PLANT PROTECTION EQUIPMENT:

Those having valid SSI Certificate Part II or 3 completed years of experience with workshop license for manufacturing of ISI marked (BIS) Plant Protection equipment as specified in the schedule for supply of different types of Plant Protection equipment, having annual turnover of more than Rs.1.00 crore for SSI units and Rs.5.00 crores for other firms. SSI Certificate Part II shall indicate the specific Plant Protection equipment manufactured by the offerer(s).

1. Offerer(s) must be a manufacturer of BIS (i.e. previously ISI) branded Plant Protection Equipment and should enclose a copy of manufacturing license. And also, equipment wise ISI certificate with latest validity.
2. a) The firms who are manufacturing in India self-propelled light weight boom sprayers should produce BIS Certificates and to produce Commercial Test report from the Farm Machinery Training & Testing Institute, or any Agriculture University, institutions recognized by the Ministry of Agriculture GOI as per their guidelines.

b) The firms who are importing self-propelled light weight boom sprayers, PP Equipment should submit Commercial Test report from the Farm Machinery Training & Testing Institute, or any Agriculture University, institutions recognized by the Ministry of Agriculture GOI.
3. In case of Importers, the authorized dealer / distributor/agency must enclose the original specific authorization letter for the models quoted by them in the EOI from the principal manufacturing company.
4. The offerer(s) shall have a full-fledged manufacturing unit with sufficient personnel for manufacturing of Plant Protection Equipment as per the prescribed specifications and sufficient dealer network in the State of Andhra Pradesh to attend after sales service.
5. The firm should have valid GST & PAN number.
6. Income tax returns for the FY 2021-22, 2022-23, 2023-24

7. List of dealers, address, bank account, IFSC Code in Andhra Pradesh and Turnover (IT returns of last 03 years of each dealer shall be uploaded).

B. INSTRUCTIONS FOR SUBMISSION OF EOI SCHEDULE:

1. The offerer(s) shall submit only Commercial Test Reports in hard copy in a sealed cover duly addressing on the envelope VC&MD, APAGROS, Vaddeswaram on or before bid closing date & time in the box provided at APAGROS headquarters. Other eligible criteria documents shall be uploaded in E-Portal only.
2. Earnest Money Deposit (EMD) for an amount of Rs.1,00,000/- (Rupees One lakh only) & Rs 10,000/- EOI Schedule cost shall be paid online only in E-Portal.
3. The EMD of un-successful Offerer(s) shall be returned on finalization of EOIs i.e., after agreement / price acceptance.
4. The EMD of successful Offerer(s) shall be retained by the Corporation and refunded only after satisfactory completion of the contract. The EMD shall be adjusted against the Performance Guarantee for the successful Offerer(s). This deposit will not carry any interest.
5. The manufacturers who are having dealers & service centers in Government of Andhra Pradesh is only eligible to participate in the EOI

C. GENERAL TERMS AND CONDITIONS:

1. The Offerer(s) have to quote the prices as per the technical specifications given in the EOI schedule in Annexure II.
2. The Price quotes of only those Offerer(s) whose EOI Schedules are Technically qualified for acceptance will be opened with due intimation to them.
3. Negotiations will be held as per the decision of the Technical Committee appointed by the Government of Andhra Pradesh. The aim is to reach agreement on all the points and sign a contract. **Bidders who qualified in the technical bid shall produce three GST invoices raised on any government departments/agencies or any customers of last year ie 2024 for the products quoted during price bid negotiation without fail.**
4. The agreement period will be up to 31.3.2025 from the date of signing the agreement. The successful Offerer(s) have to submit their price acceptance letter, agreement etc., within 02 days from the date of receipt of draft agreement. No Escalation charges will be paid for supply of equipment during the agreement period. Failure to supply the equipment due to price variation will attract blacklisting of the firm and shall not be allowed to participate in the EOI process called by any Government Department in Andhra Pradesh for minimum 3 years under any subsidy schemes or in any project. The manufacturers should submit list of their dealers along with mail address & bank account details at the time of agreement without fail. No addition & deletion shall be entertained afterwards.

5. EMD of the successful bidder will also be retained as performance guarantee deposit in cash. This deposit will not carry any interest. Performance Guarantee Deposit(PGD) shall be paid by BG on approval of eligible bidders which shall be handed over while entering into agreement with APAGROS without fail. The details are as follows.

Sl.No.	Name of the Product	PGD (in Rs.)
1	Rotavators	10.00 lakhs
2	Power Tillers	10.00 lakhs
3	PP Equipment	05.00 lakhs
4	Power Weeders & Brush Cutters	02.00 lakhs
5	Tractor Drawn Implements & Seed Drills	02.00 lakhs

Refund of BG will be initiated immediately after successful completion of supply of identified Units. On submission of BG only, payments will be released.

6. The supplies made shall be invoiced on GST invoice with serial No. of invoice printed on it. No invoice other than Tax invoice will be accepted.
7. a) Performance guarantee Deposit produced by the successful Offerer(s) shall be forfeited and alternate arrangements shall be made, if the firm does not fulfill the obligation of supply of stocks as per orders / specification / quality and alternate arrangements will be made for procurement of such products and any additional cost incurred in this regard will be recovered from the concerned firm. The arbitration will be initiated and shall remain final.
- b) The responsibility of quality and quantity (eg. Misbranding / underweight) of the implement supplied lies with supplier only.
8. All those manufacturers, who had filed valid EOI and are willing to supply the implements at the accepted rate will be given opportunity to supply the implements for which they have offered subject to the acceptance of the terms and conditions.
9. The approved firms shall supply the ordered implements as per terms and condition within the stipulated time indicated in the purchase order placed from time to time to the beneficiary at Mandal Headquarter/ RSKs and obtain acknowledgement from the beneficiary on the day of delivery. They shall also ensure that all the components shall be made available through dealer's network at least for a period of **three years** from the date of supply of the unit on payment basis beyond warranty period.
10. The implements supplied must be covered with warranty for one year from the date of supply against any defective manufacture / workmanship etc. Repairs / Replacements / servicing shall be attended free of cost within the warranty period and the transport charges are to be borne by the supplier within 7 days from the date of intimation at the Mandal Agricultural Office/ RSKs.
11. If the supplying firms fail to supply the implements within the scheduled time i.e.15 days from the date of receipt of purchase order, the Performance Deposit shall be forfeited besides initiating action as per procedure and also will not be allowed to participate in future EOIs. **Stringent criminal action will be initiated against default suppliers apart from initiating action through RR Act.**

12. Liquidated damages will be levied at the rate of 0.5% of the total value of work per week up to a maximum of 5% in case of default in the supply of implements as per schedule.
13. The supplier has to deliver the indented equipment to the concerned beneficiary in the presence of VIA at RSK through mobile app.
14. The loading, un-loading charges and demonstration expenses, should be borne by the supplier only.
15. Random inspection of all implements distributed under subsidy schemes will be conducted by suitable committee / team appointed by the Director of Agriculture before / after the implements are supplied to the beneficiaries.
16. The manufacturer shall provide detailed operational and maintenance manuals, parts catalogue (in the Telugu language) at the time of supply of the implements to the beneficiary and awareness should be created to beneficiaries to follow the instructions.
17. For all implements a metal/Aluminum sheet (Size 4"x2") shall be fixed on the purchased implement in a prominent place with the following details in Telugu. The SL.No. which is indicated in the implement must also be mentioned in the supply order.
 - a) All the manufacturers of tractor drawn implements, power tillers, power weeders, brush cutters must and should engraved the following information on Aluminium plate and is to be fixed on the main frame stating the following information. For sprayers stickers shall be affixed accordingly.

1. పరికరము పేరు	:	
(Name of the Implement)		
2. క్రమ సంఖ్య కురియు సంవత్సరము(-/-)	:	
(SL.No. & Year)		
3. బరువు (Kg)	:	
(Weight)		
4. సబ్సిడీ పథకము పేరు	:	
(Name of the Subsidy Scheme)		
5. సరఫరా చేసిన కంపెనీ పేరు	:	
(Name of the Suppling Firm)		
" వ్యవసాయ శాఖ యాంశ్రీకరణ సబ్సిడీ పథకం ద్వారా సరఫరా చేయబడినది." (Supplied Under Subsidy Schemes of Dept. of Agriculture)		

18. The Offerer(s) have to quote the price only as per the technical specifications given in the EOI schedule in Annexure II.
19. A.P State Agro Industries Development Corporation Limited reserves the right to award the EOI either in part or full or to empanel on rate contract or follow any other suitable procurement procedure. AP Agros at its sole discretion and without assigning any reason thereof, reserves the right to accept / reject any or all bids at any stage of the EOI process.

20. In case of any dispute or difference arising out of the agreement between the two parties relating to any aspect of the agreement, the parties should attempt to settle the dispute through mutual and amicable discussions. If the dispute is not settled through such discussions, the matter shall be referred / settled as per provisions of Arbitration & Conciliation Act.1996.
21. It is further to be agreed by both the parties that all differences and disputes if not resolved as above, shall be got remedied through the Court of Law of Vijayawada jurisdiction only.
22. The EOI Schedule can be rejected if at any stage of the procurement process, it comes to knowledge that any Offerer(s) is involved in any fraudulent practice or misrepresentation of the facts or tried to influence the selection process or indulged in any corrupt activities in competing with others.
23. The manufacturer shall be liable for blacklisting and prosecution, if they fail to adhere to the above conditions.
24. The manufacturers who are manufacturing above implements should not be allowed to take the dealership of the same product of other firms.
25. The offeror has to furnish their authorized dealers list along with the agreement duly enclosing a copy of acceptance letter from the dealer. Additional dealers communicated to the corporation separately for empanelment under the subsidy schemes shall not be considered for communication to the department.
26. The firm/company which is facing Criminal cases is not eligible to participate in the EOI process called by the corporation.
27. Once the firm is empanelled under any subsidy scheme, their performance guarantee deposit shall be returned only after completion of the financial year, if no issues are pending against the firm / dealer.

D. TERMS OF PAYMENT:

- 1) Payment of non-subsidy will be transferred online to the supplier along with purchase order in order to ensure the delivery of the indented equipment with in the stipulated time.
- 2) a) Subsidy amount shall be released to the firm on receipt of the same from the office of the Director of Agriculture after delivery of the indented equipment & on approval of the proceedings submitted by APAGROS by the officials of the Director of Agriculture. If there is any complaint on working of implement, the payment will be made after rectification of defects.
- b) GST Input must be initiated within that stipulated time subjected to the release subsidy.

NOTE: If there are any changes in terms & conditions, the same will be intimated to the suppliers

PLACE:

DATE:

SIGNATURE OF THE OFFERER(S)
WITH SEAL

ANNEXURE – I (Mandatory to be filled)
CONDITIONS OF ELIGIBILITY FOR OFFERER(S)
(Attested copies of following to be enclosed)

1	EOI Reference	:	No:Agros /FMD/SMAM/EOI/2024-25, Date:24-01-2025	Page No.
2	Name of the Manufacturing Company with its Regn.No. (copy of the manufacturing license to be enclosed)	:		
3	Status of Company	:		
	i) Registered Company	:		
	ii) Sole proprietorship firm (Name & address of the proprietor)	:		
	iii) Partnership firm (Partnership agreement, letter of consent as authorized by other partners to bid for this EOI)	:		
	iv) Private Limited Company (Certificate of incorporation and authorization from CEO, if not represented by CEO)	:		
4	Registered Address of manufacturing unit	:		
5	Particulars of EMD & EOI Schedule cost paid online	:	Amount Name of the Bank	
7	Brief Profile of the firm	:		
8	Manufacture/Bidder Bank particulars for online transfer of amounts. a) Bank Name : b) Bank Branch: c) Account No.: d) RTGS No :	: : : :		
9	Whether the firm is having Valid manufacturing license from the competent authority (copy to be enclosed)	:		
10	Whether the Company is ISO certified or not (If 'yes' copy to be enclosed)	:		
11	Proof of having sufficient No. of technicians with experience (List out details about names of persons / Experience / qualifications)	:		
12	Annual production capacity of the firm (Quantity and value for each implement to be indicated)	:		

13	Turnover of the above firm during last 3 years.	:	a. 2021-22: b.2022-23: c.2023-24:	
14	Firm should indicate the no. of districts that can be handled by them. (List of Districts that will be served is to be furnished).	:		
15	Details of dealers' net work and after sales service stations to be provided by firm in the area of operation. (Name & address of each dealer with jurisdiction to be listed out)	:		
16	List of equipment available in the workshop Welding machines : Nos Grinding machines : Nos Bending machine : Nos Painting machine : Nos Lathe machine : Nos. Drilling machine : Nos. (A photograph of layout of these machines in the workshop/manufacturing unit should be submitted)	:		
17	GST Number and validity SSI Registration Number and validity date (copies to be enclosed)	:		
18	PAN No. (copy to be enclosed)	:		
20	Income Tax assessment Certificate for the last three years (attested copies to be enclosed)	:		
21	Name of contact person	:		
	Address for correspondence	:		
	Cell phone No.	:		
	E Mail ID	:		

Note:

1. All the columns of the EOI forms shall be duly, properly and exhaustively filled in.
2. All corrections if any must be signed by the Offerer(s) before submission itself. For filing faulty information, the EOI is liable for rejection. The Offerer(s) should sign on each and every page of EOI Schedules and on all the additional documents submitted along with EOI Schedules.

SIGNATURE OF OFFERER(S)
WITH SEAL

Technical Specifications(Mandatory to be filled)

Annexure – II

A. TECHNICAL SPECIFICATIONS OF TRACTOR DRAWN AGRICULTURAL IMPLEMENTS FOR THE YEAR 2024-25:

1) 9 TYNE RIGID CULTIVATOR (LIGHT DUTY):

Number of Tynes	9		
Frame Section	Type	:	Diamond box frame
	Length	:	1800mm – 1950 mm
	Width	:	600 mm
	Box size	:	65mm x 65mm Angular with 8 mm thickness.
	No. of cross plates in the frame	:	4 –5 with 18 mm thickness
Tyne Section	Tyne size	:	75 mm x 32 mm x 550 mm (LxWxH)
	Clamp	:	20mm U clamp with High tensile nuts and bolts
	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	Adjustable
Hitching Section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 12mm Front 50mm x 12mm Rear
Overall weight	Should not be less than 240 kg		

2) 9 TYNE RIGID CULTIVATOR (HEAVY DUTY):

Number of Tynes	9		
Frame Section	Type	:	Diamond box frame
	Length	:	1800mm – 1950 mm
	Width	:	600 mm
	Box size	:	65mm x 65mm Angular with 10mm thickness.
	No. of cross plates / bars in the frame	:	4 –5 with 20 mm thickness
Tyne Section	Tyne size	:	75 mm x 36 mm x 550 mm(LxWxH)
	Clamp	:	20mm U clamp with High tensile nuts and bolts
	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	Adjustable

Hitching Section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 16mm Front 50mm x 16mm Rear
Overall weight	Should not be less than 270kg		

3) 11 TYNE RIGID CULTIVATOR (LIGHT DUTY):

Number of Tynes	11		
Frame Section	Type	:	Box type
	Length	:	2100mm – 2250 mm
	Width	:	600 mm
	Box size	:	65mm x 65mm Angular with 8 mm thickness.
	No. of cross plates / Bars in the frame	:	5 – 6 with 18 mm thickness
Tyne Section	Tyne size	:	75 mm x 32 mm x 550 -600mm(LxWxH)
	Clamp	:	20mm U clamp with High tensile nuts and bolts
	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	Adjustable
Hitching Section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 12mm Front 50mm x 12mm Rear
Overall weight	Should not be less than 270 kg		

4) 11 TYNE RIGID CULTIVATOR (HEAVY DUTY):

Number of Tynes	11		
Frame Section	Type	:	Diamond box frame
	Length	:	2100mm – 2250 mm
	Width	:	600 mm
	Box size	:	65mm x 65mm Angular with 10 mm thickness.
	No. of cross plates/ Bars in the frame	:	5 – 6 with 20 mm thickness
Tyne Section	Tyne size	:	75 mmx36 mmx550 -600mm (LxWxH)
	Clamp	:	20mm U clamp with High tensile nuts and bolts
	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	Adjustable

Hitching Section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 16mm Front 50mm x 16mm Rear
Overall weight	Should not be less than 350 kg		

5) 9 TYNE SPRING LOADED CULTIVATOR (LIGHT DUTY):

Number of Tyne	9		
Frame Section	Type	:	75mm x 40mm channel with 10mm thickness
	Length	:	2150mm
	Width	:	600 mm – 700 mm
	Spring	:	9.5 mm WD, 50 mm OD, 24 – 25 coils made with spring steel(9 nos.)
	Pairs	:	50 mm x 8 mm Flat
	Anchor pins size	:	25 mm
	Nuts and Bolts	:	High Tensile
Tyne Section	Tyne size	:	75 mm x 28 mm x 550 mm(LxWxH) made with Carbon steel.
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	225 mm Fixed
Hitching Section	3 Point linkage frame	:	50mm x 10mm Flat for Front and Rear and it should be suitable for all types of tractors
Overall weight	Should not be less than 230 kg		

6) 9 TYNE SPRING LOADED CULTIVATOR (HEAVY DUTY):

Number of Tyne	9		
Frame Section	Type	:	75mm x 40mm channel with 12mm thickness
	Length	:	2150mm
	Width	:	600 mm – 700 mm
	Spring	:	9.5 mm WD, 50 mm OD, 26 – 27 coils made with spring steel(9 nos)
	Pairs	:	50 mm x 8 mm Flat
	Anchor pins size	:	25 mm
	Nuts and Bolts	:	High Tensile
Tyne Section	Tyne size	:	75 mm x 30 mm x 550 mm(LxWxH) made with Carbon steel.
	Shovel	:	Reversible type made with Alloy steel
	Tyne spacing	:	225 mm Fixed
Hitching Section	3 Point linkage frame	:	50mm x 12mm Flat for Front and Rear and it should be suitable for all types of tractors
Overall weight	Should not be less than 260 to 340 kgs		

7) SUB-SOILER:

8) (a):2 FURROW M.B. PLOUGH / (b) 3 FURROW MB PLOUGH (HEAVY DUTY):

No. of furrows	Two and Three furrows	
Type	Mounted type with three point linkage	
Frame Section	Main Frame	: Box type with 100mm x 100mm angular with 8mm thickness.
Moving section	Land side should be 20mm thick plate made with mild steel.	
	Bar point share	: 900mm length with 25mm square size made with chilled cast iron / steel.
	Cutting blade	: 10mm thickness made with carbon steel
	Mould Board	: 750mm length x 400 mm width with required curvature made with high carbon steel with 8mm thickness
	Standard	: with 35mm thickness with sufficient strength to with stand load.
	Furrow Width	: 300mm
Hitching Section	3 Point linkage should be heavy duty and suitable for all tractors	
Overall weight	a. Should not be less than 260 kg. for 2 MB plough b. Should not be less than 325 kg. for 3 MB plough	

9) REVERSIBLE 2/3 M.B PLOUGH (HEAVY DUTY):

No. of furrows	Two and Three furrows	
Type	Mounted type with heavy and sturdy three point linkage	
Frame Section	Main Frame	: Box type with 115mm x 115mm angular with 10mm thickness. Length 1850 mm and 2500 mm Width 1350 mm
Moving section	Land side should be 20mm thick plate made with mild steel.	
	Tyne/Bar point share	: 105 x 40 mm profile cut single piece
	Cutting blade	: 10mm thickness made with carbon steel
	Mould Board	: 750 mm length x 400 mm width with required curvature made with high carbon steel with 8 mm thickness
	Standard/shovel(point)	: with 35mm thickness with sufficient strength to with stand load.
	Depth of cut	: 350 mm
	Furrow Width	: 300mm
Adjustment	Hydraulic and Manual	
Hitching Section	3 Point linkage should be heavy duty and bearing should be heavy duty	
Overall weight	a. Should not be less than 420 kg. for 2 MB reversible plough b. Should not be less than 550 kg for 3 MB reversible plough	

10) 12 OFF SET DISC HARROW (DOUBLE DISC HARROW – HEAVY DUTY):

Tyne	Mounted type		
Frame section	Channel type and box type frame with 65mm x 65mm angular with 10mm thickness		
Moving section.	No. of Discs	:	12
	No. of Gang Shafts	:	2 nos
	Disc dia	:	500 – 550mm with 6mm thickness
	Shaft size	:	25mm – 30mm square with length 1200 mm
	Bearing type	:	Bush type/ball bearing type – 4nos.
	Spool/ spacer	:	Made with cast iron
	Disc spacing	:	230 mm
Hitching Section	3 Point linkage. Frame should be heavy duty and suitable to all tractors.		
Overall weight	Should not be less than 335 kg.		

11) GUNTAKA / BLADE HARROW – (UP LANDS) (HEAVY DUTY):

Frame section/ Main Frame	150 mm Diameter pipe with 6 mm thickness and length of 2000 mm (or) cultivator frame with box type 65mm x 65mm angular with 8 mm thickness.
Blade	75 mm width 1500 mm length (suitable to above frame sizes) 12 mm thickness (In case of cultivator frame, two blades with length of 750 mm)
Blade extension / rod / Tyne	40 mm diameter pipe 450 mm length (or) cultivator tynes 4 Nos.
Hitching section	3 Point linkage frame Frame should be suitable for all types of tractors 65 mm X 16 mm Front 50 mm X 16 mm Rear
Overall weight	a. Should not be less than 140 kg. for pipe frame. (fixed frame) b. Should not be less than 180 kg. for offset pipe frame, (adjustable frame) c. Should not be less than 180 kg. for cultivator frame with 4 tynes.

12) LEVELING BLADE REVERSIBLE:

13) 10 FT. SPIKE TOOTH HARROW (HEAVY DUTY):

Frame section	Frame type	:	Box type with 65 mm angular with 6mm thickness.
	Supporting bars	:	with 50mm angular with 12mm thickness.
	Frame size	:	750 mm x 600 mm
Body section	Tooth body size	:	3000mm length x 125mm width x 63 mm Breadth channel type with 8mm thickness.
	No. of teeth	:	28 – 30

	Teeth size	:	300 mm length with 25mm dia. Pointed on one side.
Hitching Section	3 Point linkage bars should be 50mm x 12mm for front & rear and should be suitable for all tractors.		
Overall weight	Should not be less than 110 kg.		

14) DISC PUDDLER : (HEAVY DUTY):

Frame section	Frame type	:	Box type with 75mm x 75mm angular with 8mm thickness.
	Supporting bars	:	75mm x 40mm angular with 6mm thickness.
Moving section	No. of discs	:	12 nos. with size 450mm dia X 6mm thickness.
	No. of shafts	:	2 nos. with a length of 950 mm
	Size of the shaft	:	25mm square
	Spacers/spools	:	Made with cast iron.
	Bearing type	:	Bush type bearing with grease nipple.
	Scraper	:	Heavy duty one per each disc.
Hitching Section	3 Point linkage	:	Hitching should be heavy duty flats and should be suitable for all tractors.
Over all weight	Should not be less than 190 kg.		

15) VISHNU PUDDLER:

Number of Paddles	40		
	Paddle orientation	:	12-15 ⁰ inclination
	No. of bearings	:	2 oil soaked wooden bearing / rubber bearings
	Central shaft	:	Circular hollow section
Frame Section	Type	:	Diamond box frame
	Length	:	2100mm – 2250 mm
	Width	:	600 mm
	Box size	:	65mm x 65mm Angular with 10 mm thickness.
Hitching Section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 16mm Front 50mm x 16mm Rear
Overall weight	Should not be less than 200 kg		

16) Tractor drawn 5 bottom plough:

Frame section	Frame type	:	Diamond box frame
	Length	:	1800 mm
Frame section	Width	:	600 mm
	Box size	:	75 mm x 75mm angular with 8 mm thickness
	No. of cross plates / bars in the frame	:	4
	Tyne section		
Tyne section	No. of tynes	:	5
	Tyne size	:	75 mmx40mmx450mm (LxWxH)
	Clamp	:	20mm U clamp with high tensile nuts & bolts
	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Tyne bottom	:	V- type made with 20mm thick plate with bar point share of 25mmx25mm square rod adjustable
Tyne section	Tyne spacing	:	rod adjustable
	Hitching section		
Hitching section	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 16mm Front 50mm x 16mm Rear
	Overall weight should not be less than 225 kg		

17) Tractor drawn 7 Bottom plough:

Frame section	Frame type	:	Diamond box frame
	Length	:	2000 mm
	Width	:	600 mm
	Box size	:	75 mm x 75mm angular with 8 mm thickness
Tyne section	No. of cross plates/bars in the frame	:	4
	Tyne section		
	No. of tynes	:	7
	Tyne size	:	75 mmx40mmx450mm (LxWxH)
	Clamp	:	20mm U clamp with high tensile nuts & bolts
Tyne section	Clamp supporting plate	:	180mm x 120mm with 16mm thickness
	Tyne bottom	:	V- type made with 20mm thick plate with bar point share of 25mmx25mm square rod adjustable
	Tyne spacing	:	Adjustable
Hitching section	Hitching section		
	3 Point linkage frame	:	Frame should be suitable for all types of tractors: 65mm x 16mm Front 50mm x 16mm Rear
Overall weight	Should not be less than 280 kg		

18) TRACTOR DRAWN BUND FORMER:

Tractor drawn suitable for 35 HP to 50 HP

- 1) To make bunds straightly
- 2) To cut both sides of the bund
- 3) Height of Ridge formed is Appx.50 Cms.
- 4) Weight of the machine is Approx.350kg.

19) REVERSABLE M.B. PLOUGH 2 ROWS (HYDRAULIC):

Main Frame	Rectangular box fabricated by welding two MS Flats of size 370 x 310 x 10 mm. A straight beam fabricated with MS Flat of size 1250 x 100 x 25 mm, another bend beam made out of MS flat of size 1340 x 100 x 25 mm are bolted & welded to rectangular box for fitting rear & front standard respectively. One MS Flat of size 250 x 100 x 20 mm is welded in between the beam as a cross-bar for giving strengthening of the main frame. Both beams are bolted & welded along with rear standard at the rear end. Hitch pyramid & reverse mechanism of plough also fitted on the main frame.
Main shaft	Size of shaft (mm) -- 750 x 75 dia
Hollow Pipe	Length (mm) -- 250 Outer/Inner dia (mm) -- 140 / 125
Standard	Numbers : Two (common standard for fixing two opposite plough bottoms) Material : MS Flat Dimensions (mm) : Project Length : 980 Width at top/middle/bottom : 270 Thickness : 40.0
Plough Bottoms	Number : Four Type : Reversible (2 bottoms at a time) Constructional details : The plough bottom consists of mould board, share, barpoint, gunnel & landside bolted to the frog Size of plough(mm) : 2 x 400
Mould Board	Dimensions (mm) : Length : 900 Width : 410 Thickness: 6.0
Share	Size (mm) : 495 x 130 x 13.5
Share Barpoint	Size (mm) : 580 x 40 x 25
Braces	No. of braces : Four (one for each bottom) Material : MS Flat Size of flat(mm) : 465 x 40 x 10 (curved)
Reverse mechanism	Type : Hydraulically operated

Note: The specifications shall be informed by the offerer wherever specifications were not Mentioned.

S. No	Technical Specifications of Sowing Equipment for the Year 2024-25
1	Tractor drawn 9/8/7/6/5/4 Row multi crop automatic seed cum fertilizer drill with double box with rigid cultivator and covering blade along with depth control wheels
2	Tractor drawn 9/8/7/6/5/4 Row multi crop automatic seed cum fertilizer drill with single box with rigid cultivator and covering blade along with depth control wheels
3	Tractor drawn automatic seed cum fertilizer drill double box with spring tyne cultivator and leveler - 8/ 9 tyne (ATP type)
4	4 / 5 row multi crop planter without cultivator with iron drive wheel

Technical Specifications of Rotavators:

S.No.	Description of the implement	Blade	Length	Weight
1	ROTAVATORS: (multi speed gear drive)	36	5FT	330 – 400 kg
2	ROTAVATORS: (multi speed gear drive)	42	6FT	420 – 500 kg

Note: Only one variant shall be quoted, multiple variants will be rejected.

Technical Specifications of Plant Protection Equipment:

I. MANUAL OPERATED SPRAYERS:		
a. All Hand/foot operated sprayers should have ISI / BIS markings and shall be with ISI / BIS specifications.		
b. Firms should submit the BIS certificate.		
1.	Hand compression sprayer	
	Model :	All models with BIS marking
	Tank/body :	Brass tank with air tight
	Pump :	Air pump with one way valve
	Delivery pipe :	1 m plastic pipe and brass lance fitted with trigger control valve, goose neck bend and nozzle – hollow cone/solid cone
	Carrying arrangement :	A pair of shoulder straps to carry it on back
	Pressure :	3 – 4 Kg/sq.cm
	General accessories :	Strainer, tool kit and set of washers to be provided
2.	Hand lever operated knap sack sprayer with HDPE tank	

	Model	:	All models with BIS marking	
	Tank/body	:	HDPE tank	
	Pump	:	Lever operated reciprocating pump inside pressure chamber/outside pressure chamber with chemical agitator	
	Delivery pipe	:	1 m plastic pipe and brass lance fitted with trigger control valve, goose neck bend and nozzle – hollow cone/solid cone	
	Carrying arrangement	:	A pair of shoulder straps to carry it on back	
	Pressure	:	2-3 Kg/sq.cm	
	General accessories	:	Strainer, tool kit and set of washers to be provided	
3.	Hand lever operated Knap sack sprayer with Brass tank			
	Model	:	All models with BIS marking	
	Tank/body	:	Brass tank	
	Pump	:	Lever operated reciprocating pump inside pressure chamber with chemical agitator	
	Delivery pipe	:	1 m plastic pipe and brass lance fitted with trigger control valve, goose neck bend and nozzle – hollow cone/solid cone	
	Carrying arrangement	:	A pair of shoulder straps to carry it on back	
	Pressure	:	2-3 Kg/sq.cm	
	General accessories	:	Strainer, tool kit and set of washers to be provided	
4.	Rocker Sprayer			
	Model	:	All models with BIS marking	
	Pump	:	Brass, Reciprocating type fitted with air chamber on wooden platform with lever operated	
	Suction pipe	:	2 m. Plastic hose pipe with strainer	
	Delivery pipe	:	10 m plastic hose pipe and brass spray lance fitted with trigger control valve, goose neck bend and triple action nozzle for one delivery Provision for second delivery line should be provided	
	Pressure	:	7-10 Kg/sq.cm	
	General accessories	:	Tool kit and set of washers to be provided	
5.	Foot Sprayer:			
	Model	:	All models with BIS marking	
	Pump	:	Brass, Reciprocating type with non detachable barrel, double spring	

	Suction pipe	:	2 m. Plastic hose pipe with strainer	
	Delivery pipe	:	10 m plastic hose pipe and brass spray lance fitted with trigger control valve, goose neck bend and triple action nozzle for one delivery Provision for second delivery line should be provided	
	Pressure	:	7-10 Kg/sq.cm	
	General accessories	:	Tool kit and set of washers to be provided	
6. Tractor Mounted Boom Sprayer:				
	Model	:	All models	
	Power source	:	Tractor PTO operated	
	Tank	:	100 - 400 lit. capacity HDPE tank with frame assembly	
	Pump	:	Horizontal reciprocating pump with pressure vessel, High pressure and high volume type along with pressure gauge and pressure regulator, with five out lets to connect to boom	
	Suction pipe	:	3 m. hose pipe with strainer	
	Delivery pipe	:	5 nos. of different length hose pipe both ends fitted with coupling sets with five booms fitted with nozzles	
	Accessories	:	PTO pulley, pump pulley, V belts(2nos), tool kit and other suitable accessories should be provided.	

Any other models tested at CFMTTIs also can be quoted by the manufacturers with detailed specifications along with relevant Commercial Test Reports.

Technical Specifications of the Power Tillers:

S.N	Description of the implement
1	Power tiller approved by Govt. of India (Please list out the details of accessories to be supplied along with tiller at free of cost)
2	Additional accessories : (please list out all additional accessories and attachments with unit price /rate etc.,)

Technical Specifications of power weeders:

Sl No.	Type	Power requirement	Source of power	
1	Self propelled rotary weeder	1.0 to 2.5 HP	Petrol engine	
2	Self propelled rotary weeder	4 to 5 HP	Petrol engine	
3	Self propelled rotary weeder	6 HP	Petrol engine	
4	Self propelled rotary weeder	8 HP	Petrol engine	
5	Self propelled rotary weeder	4 to 5 HP	Diesel engine	
6	Self propelled rotary weeder	5 to 6 HP	Diesel engine	
7	Self propelled inter cultivator/ power weeder	1.5 to 2.0 HP	Petrol engine	
8	Self propelled inter cultivator/ power weeder	4 to 6 HP	Diesel engine	
9	Multi purpose rotary tiller	3.5 to 6 HP	Petrol engine	
10	Multi purpose rotary tiller	3.5 to 6 HP	Diesel engine	
11	Multi purpose rotary tiller	8 to 10 HP	Diesel engine	
12	Power operated single row paddy weeder	1 to 2 HP	Petrol engine	
13	Power operated single / double / three row paddy weeder	3 to 3.5 HP	Petrol engine	
14	Power operated inter cultivator	4 HP	Diesel engine	
15	Power operated inter cultivator	6 HP	Diesel engine	

Any other models tested at CFMTTIs & any institute approved by GOI also can be quoted by the manufacturers with detailed specifications along with relevant Commercial Test Reports.

Brush Cutter models as approved and tested at CFMTTIs & Any institute approved by GOI

For all the equipment for which offerer(s) quote shall upload the following technical specifications sheet in E-Portal:

ANNEXURE-III (Mandatory to be filled)

Sl.No	Firm name and address	Description of the equipment	Model No/CTR No	Detailed specifications
1 to 10				

Signature of the Offeror(s) with seal

PRICE QUOTE

ANNEXURE- IV (Mandatory to be filled)
PRICE QUOTE

S.No.	Name of the Implement	Description of the implement/Model No/Make	Rate quoted per each including all taxes			
			Basic Price (Rs.)	GST @%	Total	In words

1. The basic rate quoted in schedule should be inclusive of all Taxes, duties on FOL delivery at RSKs & loading, unloading etc. GST component should be shown separately.
2. The rates quoted in the Price quote should be firm and valid up to **31.3.2025**. The AP Agros will not entertain any upward price revisions during the agreement period.
3. The rates and units shall not be over written. The rates and units shall always be in figures and words.

Place :

Date :

SIGNATURE OF OFFERER(S) WITH SEAL

ANNEXURE- V (Mandatory to be filled)

**DECLARATION ON Rs.100/- NON-JUDICIAL STAMP PAPER
(TO BE NOTARISED)**

1. I/we have read and understood the Terms and Conditions of EOI Schedule relevant to “EOI notice” dated:24-01-2025 and I / we have submitted the Annexures in accordance with the Terms and Conditions of above EOI Schedule.
2. I / we shall not sell the products being quoted through this EOI schedule, at a lower price either to Government / Private Parties/farmers in the State of Andhra Pradesh by way of giving any additional trade discount or incentives. If any such incident is noticed, the A.P.S.A.I.D.C.Ltd. has the right to restrict all payments to such a lower rate apart from initiating penal action.
3. The information furnished in the Annexure 1 is true and factual and I clearly understand that our EOI schedule is liable for rejection, if any information furnished is found not true and factual, at any point of time.

PLACE:

DATE:

SIGNATURE OF THE OFFERER(S)
WITH SEAL

ANNEXURE- VI (Mandatory to be filled)

List of details approved by the Manufacturer

S. No.	Name & Address	District	Mobile No.	GST No.	PAN No.	Turnover			Bank Account No.	Name of the Bank	IFSC Code	Mail ID
						2021-22	2022-23	2023-24				

PLACE:

SIGNATURE OF THE OFFERER(S)
WITH SEAL

DATE:

**CHECK LIST OF THE DOCUMENTS TO BE UPLOADED IN THE
AP E-PROCUREMENT PORTAL**

- 1) Entire EOI document from page no 01 to 10 shall be attested with seal and shall be uploaded
- 2) EMD Cost of Rs.1,00,000/- and EOI Schedule Cost of Rs 10,000/- shall be paid online through E-Procurement portal only.
- 3) GST Certificate along with GSTR-1, GSTR-2A, GSTR-3B, GSTR-9A, GSTR-9C
- 4) PAN Certificate
- 5) IT Returns of the last three years
- 6) SSI Certificate/MSME Certificate
- 7) Manufacturing License
- 8) Importers License- wherever applicable
- 9) Annexure-I(Mandatory to be filled)
- 10) Annexure-III (Mandatory to be filled)
- 11) Annexure-IV- Price Quote shall be uploaded (Mandatory to be filled)
- 12) Annexure-V(Mandatory to be filled)
- 13) Dealers list with address, mobile number, bank account, IFSC Code, GST Number, turnover of last 03 years along with IT returns of each dealer shall be uploaded.
- 14) For Tractor Drawn Implements self-certification of specifications shall be uploaded for less than Rs 50,000/- items such as harrows, ploughs, seed drills etc.
- 15) Turnover certificate attested by CA for last three years.

Note: 01) Commercial Test Reports only shall be submitted (hard copies) in sealed envelope in the drop box provided at APAGROS headquarters on or before the bid closing date & time. No other documents will be entertained in hard copies & will not be considered for technical evaluation. Only online documents will be considered for technical evaluation.

02) Bidders who qualified in the technical bid shall produce three GST invoices raised on any government departments/agencies or any customers of last year ie 2024 for the products quoted during price bid negotiation without fail.

3) Soft copy of Annexures-III, IV & VI must be submitted in Pen Drive while submitted the physical documents at our Regd.Office.

For any queries contact number:

General Manager (AE) : 9912880011
Agricultural Engineer : 9000365438

Agricultural Engineer(ASC)

GM(AE)

VC&MD