

TELANGANA STATE

**AGRO INDUSTRIES DEVELOPMENT
CORPORATION LIMITED**

EOI SCHEDULE - II **TRACTOR DRAWN IMPLEMENTS** **LAND PREPARATORY & SOWING /** **PLANTING EQUIPMENT**

“AS PER THE APPROVAL OF TECHNICAL COMMITTEE ON FARM MECHANIZATION CONSTITUTED
VIDE G.O.Rt.No.100, AGRICULTURE AND COOPERATION (AGRI-II) DEPARTMENT DATED 10-09-2014”

2017-18

Last date for submission : 25-04-2017 upto 1:00 PM

Date of opening of Technical Bid : 25-04-2017 at 3:00 PM



TELANGANA STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED
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TELANGANA STATE
AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED
103, 1st Floor, Hermitage Office Complex, Hillfort Road, Hyderabad – 500004
Phone No. : 040-023302680, e-Mail: agros-ts@gov.in,
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No. TS/Agros/FMD/27/2017-18

Dated: 10-04-2017

E.O.I. NOTICE INVITING SEALED QUOTATIONS

Sealed Quotations are invited from reputed manufacturers/authorized importers for empanelment under the subsidy schemes of Department of Agriculture, Govt. of Telangana for supply of different types of Land preparatory, sowing/planting, Plant protection, Inter cultivation, Post Harvest equipment, individual and package of Machinery for establishing Custom Hiring Centres for Paddy, Sugarcane, Maize, Groundnut, Cotton and Tobacco crops, supply and installation of Solar Fencing System in the farmers fields, ISI marked oil engines in all districts in Telangana State for the Financial year 2017-18 under different Govt. subsidy schemes. The category wise EOI schedule including cost and submission particulars etc., are as follows :

| EOI Sch. No. | Category of Equipment | Cost of EOI Schedule | Sale of EOI Schedules From – to | Last date for submission | Date of opening of Technical Quotations |
|--------------|---|----------------------|--|--------------------------|---|
| I | Land preparatory & Sowing / Animal Drawn Implements / Bullock Carts | Rs.5,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| II | Land preparatory & Sowing / Tractor Drawn Implements | Rs.10,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| III | Plant Protection Equipment | Rs.5,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| IV | Inter Cultivation Equipment & Oil Engines | Rs.5,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| V | High Cost Machinery | Rs.10,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| VI | Post Harvest Equipment | Rs.5,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |

| | | | | | |
|------|--|---------------|--|-----------------------------|---------------------------|
| VII | HDPE Tarpaulins | Rs.5,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| VIII | Package of Machinery for Custom Hiring centre for SMSRI (Paddy), SSI(Sugarcane), Maize, Groundnut & Cotton crops | Rs.15,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| IX | Solar Fencing | Rs.10,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| X | Tractors and Power Tillers | Rs.15,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |
| XI | Tractor Trollies | Rs . 10,000/- | 12-04-2017 to 25-04-2017 upto 12:01 PM | 25-04-2017 upto 01:00 PM | 25-04-2017 by 03:00 PM |

EOI schedules in person may be obtained from the Registered office **between 10:30 AM to 5:00 PM on all working days** on payment of the amount mentioned against each EOI Schedule in the shape of Demand Draft drawn in favour of VC & MD ,T.S.A.I.D.C. Limited payable at Hyderabad. The EOI Schedules can also be downloaded from our website www.tsoilfed.com and submitted duly enclosing the Demand Draft towards the cost of EOI schedule. The downloaded EOI schedules received without Demand Drafts towards cost of EOI schedule will be rejected.

Hyderabad

Sd/-
Vice Chairman and
Managing Director



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EOI SCHEDULE – II

Name of work : Tractor Drawn Implements - Supply of Land Preparatory & Sowing // Planting Equipments

Ref : TS Agros/FMD/27/2017-18 dated 10-04-2017

Preamble:

The Department of Agriculture, Government of Telangana State is implementing various subsidy schemes for supplying various type of agricultural implements / machinery etc., to the farmers in the State of Telangana through the Nodal Agency Telangana State Agro Industries Development Corporation Limited (TSAIDCL), a Government of Telangana undertaking.

EOI Schedule & Price Quotes are invited for various types of Tractor Drawn -Land Preparatory & Sowing / Planting Equipment.

A. ELIGIBLE CONDITIONS FOR OFFERER(S) :

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.10.00 lakhs for SSI units and Rs. 20.00 lakhs for other firms. SSI Certificate Part II shall indicate the specific implements manufactured by the offerer(s).
2. The firms who are manufacturing Rotavators, Seed-cum-Fertilizer Drills and Post Hole Diggers must produce only Test Reports from FMTTI or Indian Agricultural University Testing Centres approved by GOI, vide Lr.No.8-1/2004 – My. (I&P), Ministry of Agriculture dated 14-09-2010. For all other implements, technical specifications are given in Annexure II as per BIS.
3. The offerer(s) shall be a manufacturer of Land Preparatory & Sowing / Planting Equipment shall enclose the copy of Manufacturing License.
4. The Offerer(s) shall have a full-pledged workshop with sufficient skilled technical personnel for manufacturing agricultural implements as per the prescribed specifications and to attend post sales service.
5. The firm should have VAT (TIN), CST Registration and PAN Number and firms regularly furnishing information to Sales Tax Department online.

INSTRUCTIONS FOR SUBMISSION OF EOI SCHEDULE:

1. The offerer(s) shall submit in their EOI Schedule with all documents indicated in Annexure-I in a separate sealed cover duly superscribing “EOI Schedule for Tractor Drawn Implements - Land Preparatory & Sowing / Planting Equipment” and Price Quotes as per Annexure-III in a separate sealed cover duly superscribing “Price Quote for Tractor Drawn Implements - Land Preparatory & Sowing / Planting Equipment” with name and address of the Offerer(s). Both covers are to be placed in a third cover along with covering letter and EMD Demand Draft as stipulated under Item No.2 of the Instructions for Submission of EOI Schedule duly super scribing “EOI Schedule for Tractor Drawn Implements - Land Preparatory & Sowing / Planting Equipment”.
2. Earnest Money Deposit (EMD) for an amount of Rs.50,000/- (Rupees Fifty thousand only) shall be paid in the form of Demand Draft drawn in favour of “ **VC & MD TSAIDC Limited**” payable at **Hyderabad** along with a covering letter. EOI Schedule without EMD will be rejected. SSI units are exempted from payment of EMD as per the G.O.Ms.No.1020 dated 30-11-1976 of Government of Andhra Pradesh.
3. The Offerer(s) shall submit duly notarized declaration along with EOI, as per the proforma furnished under Annexure-IV, hereto on Rs.100/- Non-Judicial stamp paper.
4. The authorized person representing the firm who is signing on the EOI documents and also participating in the EOI Opening shall invariably attach a copy of Authorization from the Competent Authority of the firm as per the Bye-laws of the firm / Company.
5. The last date for submission of EOI schedule is **25-04-2017 upto 1:00 PM**. The Technical Quotations will be opened on **25-04-2017 @ 03:00 PM**.
6. The EMD of Un-successful Offerer(s) shall be returned on finalization of EOIs i.e., after agreement / price acceptance. This deposit will not carry any interest.
7. 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.
8. The manufacturers who are having dealers & service centers in Telengana State are only eligible to participate in the EOI

B. 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 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 Telangana at the address indicated in the data sheet. The aim is to reach agreement on all the points and sign a contract.
4. The agreement period will be up to **31-03-2018** from the date of signing the agreement. The successful Offerer(s) have to submit their Price Acceptance Letter, Agreement etc., within 10 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 Telangana for a minimum of 3 years under any Subsidy Schemes or in any project. The Manufacturers should submit list of dealers along with mail address & bank account details at the time of agreement without fail. No addition & deletion shall be entertained afterwards.
5. Performance Guarantee Deposit of **Rs.3,00,000/-** should be paid along with agreement in the form of Demand Draft drawn in favour of VC & MD ,T.S.A.I.D.C. Limited, payable at Hyderabad. This deposit will not carry any interest and shall be paid before entering into contract agreement. PGD of the specific year will be valid for the same year only till no complaints received either from farmers or department on supplied implements .
6. No dealers are allowed to participate in the EOI with / without Manufacturer's Authorization Letter.
7. The supplies made shall be invoiced on VAT Invoice with Serial No. of Invoice printed on it. No invoice other than Tax invoice will be accepted. VAT applicable, if any, shall be clearly mentioned in the Tax invoice.
8. The manufacturers of Rotavators, Seed Drills, Post Hole Diggers who are participating in the EOI should indicate the details of Authorized Dealers in the EOI Schedule. The authorized dealer / distributor of the successful offerer(s) will have to pay the Performance Guarantee Deposit of **Rs.1,50,000/-** for Land Preparatory Equipment, **Rs.1,50,000/-** for Rotavators, Seed Drills, Post Hole Diggers to empanel their firm as authorized dealer / distributor before entering into contract agreement. The dealer should have TIN / CST / PAN numbers. The name of the firm once included in the approved list will not be deleted up to the end of the financial year unless felt by the EOI agency or Commissioner & Director of Agriculture. PGD of the specific year will be valid for the same year only till no complaints received either from farmers or department on supplied implements
9.
 - 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. This has to be scrupulously followed in case of Machinery Importers. The arbitration will be initiated and shall remain final.
 - b. The responsibility of quality and quantity (eg. Misbranding / under weight) of the implement / equipment supplied lies with supplier only.

10. All those manufacturers, who had filed valid EOI and are willing to supply the implements / equipment at the accepted rate will be given opportunity to supply the implements / equipment for which they have offered subject to the acceptance of the terms and conditions.
11. The approved firms shall supply the ordered implements / equipment 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 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.
12. The equipment 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.
13. If the supplying firms fail to supply the implements / equipment within the scheduled time i.e.21 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.
14. 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.
15. The supplier has to show the demonstration of the implement / equipment / machinery to the beneficiary before taking signature of the beneficiary on Utilization Certificate. The firm has to educate the farmer on do's and don'ts of operation of machinery. The firm should submit the utilization certificate within one week after delivery of the equipment.
16. The acknowledgement (Proof of Delivery) along with photograph and other required documents for the implements / equipments delivered should be signed by the beneficiary and countersigned by the Mandal Agricultural officer and Assistant Director of Agriculture for all the implements / equipment. Implements / equipment should not be delivered without valid purchase order from the competent authority.
17. The loading, un-loading charges and demonstration expenses, should be borne by the supplier only.
18. Random inspection of all equipment distributed under subsidy schemes will be conducted by suitable committee / team appointed by the Commissioner & Director of Agriculture before / after the equipment is supplied to the beneficiaries.
19. The premises of all the new Offerer(s) will be inspected by AGROS for compliance to all technical EOI schedules requirements before entering into agreement.

20. The manufacturer shall provide detailed operational and maintenance manuals, parts catalogue (in the local language) at the time of supply of the equipment to the beneficiary and awareness should be created to beneficiaries to follow the instructions.
21. 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 must and should engraved the following information on Aluminum plate and is to be fixed on the main frame stating the following information.

| | |
|--|---|
| 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) | |
| <p>"వ్యవసాయ శాఖ యాంశ్రీకరణ సబ్సిడీ పథకం ద్వారా సరఫరా చేయబడినది."</p> <p>(Supplied Under Subsidy Schemes of Dept. of Agriculture)</p> | |

- b) All the manufacturers of Rotavators, seed drills, post hole digger must and should emboss the name of the equipment, firm name, company logo, and engrave the unique serial number, model, State, month, year on the main frame or chassis of the equipment.
22. The Offerer(s) have to quote the price only as per the technical specifications given in the EOI schedule in Annexure II.
23. Telangana 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. TS 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.
24. 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.

25. 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 Hyderabad jurisdiction only.
26. 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.
27. The manufacturer shall be liable for blacklisting and prosecution, if they fail to adhere to the above conditions.
28. The manufacturers who are manufacturing above equipment should not be allowed to take the dealership of the same product of other firms.

C. SPECIAL CONDITION:

The firm shall have Digital weighing machine (Platform / Hanging type) with a capacity of 500 -1000 kg. in their workshop premises before entering into contract agreement. Proof of same may be submitted before entering into contract agreement

D. TERMS OF PAYMENT:

- 1) Payment of non-subsidy shall be made by Demand Draft directly in the name of the supplier against delivery after production of proof of delivery signed by the beneficiary and countersigned by the Agriculture officer and Assistant Director of Agriculture along with invoice about supply of equipment.
- 2) Subsidy amount shall be released to the firm within maximum period of 90 days in their Bank account by the concerned Joint Director of Agriculture, after submission of utilization certificates signed by the beneficiary and counter signed by the Mandal Agricultural Officer & Assistant Director of Agriculture along with photograph if there is no complaint in working of machinery. If there is any complaint on working of machinery, the payment will be made after rectification of defects.

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

MANDATORY TERMS & CONDITIONS

- 1. PGDs deposited by successful bidders / manufacturers and dealers will be to ensure performance assurance of the supplied machinery / Equipment in that specific financial year and valid from that specific financial year to next three (3) financial years, only on the machinery /equipment supplied in that specific financial year of entering agreement, and PGD will be with TSAIDC Ltd for next 3 (Three) years from the date of entering agreement for firm / manufacturer empanelment and dealer addition. These PGDs will be returned back to manufacturers / dealers only after 3 years from the date of entering agreement with TSAIDC Ltd for empanelment subjected to condition of submitting NO OBJECTION CERTIFICATE (NOC) from Department of Agriculture TS and TSAIDC Ltd.**
- 2. In case of manufacturers, NOC has to be obtained from Commissioner and Director of Agriculture, TS and VC & MD., TSAIDC Ltd. In case of dealers NOC has to be obtained from District Agriculture Officer of the concerned districts to which material / machinery / equipment supplied and Regional Manager, TSAIDC Ltd., of concerned Districts. PGDs and EMDs deposited in a specific tender year will not be carried forward to successive year's tenders.**
- 3. PGDs of successful bidders of this tender (2017-18) has to be submitted in shape of Demand draft from any nationalised banks in favour of "VC & MD., TSAIDC Ltd " at the time of entering in to agreement for firm/ manufacturer empanelment and will be with TSAIDC Ltd., from 2017-18 to 2019-20. This PGD will not be carried forward to forthcoming year's tender process. Please mention bidder / manufacturer details on the reverse of DD.**
- 4. The prescribed fee of EOI tender schedule and EMD also to be submitted in shape of Demand Draft from any nationalised banks in favour of "VC & MD., TSAIDC Ltd." and mention bidder / manufacturer details on the reverse side of DD.**
- 5. The empanelled firm / dealer will be blacklisted if found proof of guilty of committing any technical irregularities or financial fraud or violating terms and conditions in Telangana State or other states or other districts respectively and PGD will be forfeited to TSAIDC Ltd and will not be permitted to participate in any tender for next 10 years.**
- 6. The existing PGDs, EMDs of either Manufacturer or Dealer will not be applicable to this Tender Notice.**
- 7. The Dealers has to remit PGDs separately for each Company to get registered with TSAIDC limited.**

8. At the time of supplying machines and equipments to farmers, guidelines prescribed by the Department of Agriculture, Telangana State holds applicable.
9. All the manufacturers and suppliers must have service centres at all (31) district levels.
10. All the manufacturers and suppliers while submitting price quote has to specify the list of free items to be given.
11. No additional cost should be collected from the farmers at the time of delivery.
12. All the manufacturers and suppliers request to furnish list of service centres along with the technical bid.
13. All the manufacturers and suppliers have to supply agriculture equipments and machineries to the farmers at their door-step.
14. All the manufacturers and suppliers have to bear transport expenses including loading & unloading.
15. Each and Every Machine / Equipment must bear **UNIQUE SERIAL NUMBER**.
16. All the manufacturers and suppliers have to clearly mention about the insurance details in price bid.
17. All the manufacturers and suppliers have to supply tool kits as mandatory.
18. All the manufacturers and suppliers have to provide all the benefits to the farmers on par with cash & carry purchase farmers.
19. All the manufacturers and suppliers have to mention specifications on Utilization Certificate.
20. All the manufacturers and suppliers have to provide perfect training to the farmers.
21. Other item can also be quoted both in Technical and Price Bid separately.
22. **In addition to above conditions all the sections / Rules from 1 to 22 of "Common Irregularities / Lapses observed in award of electrical, mechanical and other allied contracts" laid down by "Chief Technical Examiner's Organisation" of Central Vigilance Commission , Government of India during the year 2002 also applies (PART-I).**

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

| | | | |
|---|--|---|--|
| 1 | EOI Reference | : | No:Agros /FMD/27/2017-18, Dated 10 -04-2018 |
| 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 Demand draft enclosed towards cost of EOI schedule if the EOI schedule is downloaded from website | | DD No. DD Date: for Rs/- Name of the Bank |
| 6 | Details of EMD paid DD No: Date : Bank Name: Amount : | : | |
| 7 | Brief Profile of the firm | : | |

| | | | |
|----|---|---|---|
| 8 | 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 material during last 3 years. | : | : |
| 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 | VAT Regn.No. / CST. No. and validity SSI Registration Number and validity date (copies to be enclosed) | : | : |

| | | | |
|----|---|---|--|
| 18 | PAN No. (copy to be enclosed) | : | |
| 19 | Audited accounts balance sheet for the last 2 years. (attested copies 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 | : | |
| 22 | Test reports in case of Seed drills, Rotavators, Posthole diggers from FMTTI, or Indian Agricultural University Testing Centres approved by Govt. of India (Copies to be enclosed) | : | |

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.
3. The Offerer(s) can enclose additional information, if any, relevant to the EOI separately
4. At the time of verification of EOI schedules, the original documents should be produced for verification. Also furnish a soft copy of all the documents
5. The technical / price tenders without mentioning model number of equipment will not be considered for tender processing and will be rejected.
6. PGD will be limited to 2017-18 supplies only and PGD will be retained with TS Agros for 3 years from date of tender finalization and agreement .

SIGNATURE OF OFFERER(S)
WITH SEAL

SCHEDULE II:**A. TECHNICAL SPECIFICATIONS OF TRACTOR DRAWN AGRICULTURAL IMPLEMENTS****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 Tynes | 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 Tynes | 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). 2 FURROW DISC PLOUGH (HEAVY DUTY)

| | | | |
|----------------|--|---|--|
| Type | Mounted type with 3 point linkage | | |
| Frame Section | Extra Duty Tubular Frame/channel or plate Duly welded. | | |
| Moving section | No. of Discs | : | 2 |
| | Disc size | : | 600 – 660 mm dia with 6mm thickness, well Sharpened at periphery |
| | Disc Flange Holder | : | Made with carbon steel forging/cast steel. |

| | | | |
|-----------------------|--|---|---|
| | Standard | : | Strong |
| | Scrappers | : | 6 mm adjustable made with Hot rolled steel. |
| | Bearings | : | Tapper roller/ Ball Bearing with dust proof seal. |
| | Width of cut | : | 500 mm – 550 mm |
| | Furrow wheel | : | Suitable wheel with coil spring |
| Hitching frame | 3 point linkage Should be Heavy Duty and suitable for all tractors. | | |
| Overall weight | a. Should not be less than 210 kg for Tubular Frame. b. Should not be less than 325 kg for channel/plate type Frame | | |

8). 2 FURROW M.B. PLOUGH/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 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 |
| | Scraper | : | Heavy duty disc scrappers one per each disc. |
| 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). 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. | | |

13). 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. | | |

14). Tractor drawn 5 bottom plough (ATP type):

| | | | |
|--|---|---|--|
| Frame section | Frame type | : | Diamond box frame |
| | Length | : | 1800 mm |
| | 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 | 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 spacing | : | | |
| 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 | | | |

15). Tractor drawn 7 Bottom plough(ATP type):

| | | | |
|---------------|---------------------------------------|---|--|
| Frame section | Frame type | : | Diamond box frame |
| | Length | : | 2000 mm |
| | 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 | No. of tynes | : | 7 |
| | Tyne size | : | 75 mmx40mmx450mm (LxWxH) |

| | | | |
|-----------------------|--|---|---|
| | Clamp Clamp supporting plate Tyne bottom Tyne spacing | : | 20mm U clamp with high tensile nuts & bolts : 180mm x 120mm with 16mm thickness : V- type made with 20mm thick plate with bar point share of 25mmx25mm square rod : 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 280 kg | | |

16). Tractor Drawn Seed cum Fertilizer Drill with Spring Tyne cultivator and leveler (ATP Type):

| | | | |
|-----------------------|--|---|--|
| No. of rows | 6 and 8 | | |
| Types of crops | Multi crop | | |
| Row spacing | 250mm to 350 mm | | |
| Frame section | Frame type | : | Channel frame with 40mmx75mmx40mm with 6mm thickness 2400mm |
| | Length | : | 600 mm to 700 mm |
| | Width | : | 36 coils, 10mm dia made with spring steel- 16 |
| | Springs | : | no. 20 mm dia. |
| | Anchor pin size | : | 50mmx50mmx6mm MS angle |
| | Pairs | : | Made with 25mmx25mmx3mm angle with 16 |
| | Seating arrangement | : | gauge MS sheet, to sit 3 persons 2 no. for seed dropping and 1 no. for fertilizer |
| | Seed/fertilizer bowl | : | dropping made with 16 gauge MS sheet |
| | Delivery tube | : | Plastic |
| Tyne section | No. of furrow openers | : | 6 or 8 no. shoe/hoe type with heavy duty standard |
| | Tyne size | : | 550mmx75mmx30mm made with carbon steel |
| | Covering blade | : | 2400mmx50mmx12mm made with carbon steel |
| 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 | a. Should not be less than 350 kg 6 row | | |
| | b. Should not be less than 370 kg 8 row | | |

17).Tractor Drawn Seed cum Fertilizer Drill with Rigid Tyne cultivator (ATP type):

| | | |
|-----------------------|---|--|
| No. of rows | 6, 8 with leveler and 9 without leveler | |
| Types of crops | Multi crop | |
| Row spacing | 250mm to 350 mm | |
| Frame section | Frame type | : Box type |
| | Length | : 2100mm to 3000mm |
| | Width | : 600 mm to 700 mm |
| | Box size | : 65mmx65mmx10mm angular iron |
| | Seating arrangement | : 50mmx50mmx6mm MS angle |
| | Seed/fertilizer bowl | : Made with 25mmx25mmx3mm angle with 16 gauge MS sheet, to sit 3 persons |
| | | : 2 no. for seed dropping and 1 no. for fertilizer dropping made with 16 gauge MS sheet |
| | Delivery tube | : Plastic |
| Tyne section | No. of furrow openers | : 6 or 8 no. shoe/hoe type with heavy duty standard |
| | Tyne size | : 550mmx75mmx30mm made with carbon steel |
| | Covering blade | : 2400mmx50mmx12mm made with carbon steel |
| 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 | a. Should not be less than 240 kg for 2100mm frame 6 rows b. Should not be less than 300 kg for 3000mm frame 8 rows c. Should not be less than 320 kg for 3800 mm for 9 rows | |

18). Tractor Drawn Five Tyne Boot type Cultivators (ADB Type):

| | | |
|-----------------------|---------------------------------------|--|
| Frame section | Frame type | : Diamond box frame |
| | Length | : 1800 mm |
| | Width | : 600 mm |
| | Box size | : 65 mm x 65mm angular with 8 mm thickness |
| | No. of cross plates/bars in the frame | : 4 |
| Tyne section | No. of tynes | : 5 |
| | Tyne/standard size | : 75 mmx40mmx450mm (LxWxH) |
| | Clamp | : 20mm U clamp/other attachment with high tensile nuts & bolts |
| | Clamp supporting plate | : 180mm x 120mm with 16mm thickness |
| | Tyne bottom | : Sweep – type made with 20mm thick plate, beveled at edges. |
| | 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 225 kg | |

19). 9 ROW RIGID TYNE RIDGER AND FURROW PLANTER (DOUBLE BOX)

| | | | |
|--------------------------|--|---|---|
| Types of Crops | Suitable for pulses and oil seeds | | |
| Power Source | 35 PTO HP Tractor | | |
| Ridger body | Detachable | | |
| No. of Ridger Bottoms | 3 | | |
| No. of Furrow openers | 6 to 8 | | |
| Row spacing | 150 mm to 450 mm | | |
| Frame | Type | : | M.S. angle 50 X 50 X 6 mm/Channel type 75mm x 45mm with adjustable holes. |
| | Length | : | 2250 mm |
| | Width | : | 750 mm |
| Furrow openers | Shoe/hoe type etc with heavy duty standard. | | |
| Metering mechanism | Seed | : | inclined disc type (planter) / fluted roller (seed drill) |
| | Fertilizer | : | Fluted roller/ variable aperture with agitator |
| | Source of power | : | Ground wheel/Drive wheel with lugs in getting proper traction; |
| | Additional set of disc plates for different crops. | | |
| Delivery Tubes | Plastic | | |
| Hopper seed / fertilizer | Size: To accommodate 50 kg seed and 60 kg fertilizer capacity made with G.I/M.S sheet of 18-22 gauge, lid to cover the hopper/hoppers Furrow covering device and marker should be provided | | |
| Hitching section | 3 point linkage Frame should be suitable for all types of tractors 65 X 16 mm Front 50 X 16 mm Front | | |

20). Roto seed drill 5, 6, 7 Feets with behind blade

21). 9 TYNE CULTIVATOR SPRING LOADED, WEIGHT - 340KG. (Standard)

| | |
|-------------------|----------------------|
| Length | 6 Feet. |
| Box Angular frame | 65 x 12 mm |
| Flat | 75 x 20 mm |
| Flat | 100 x 16 mm |
| Flat | 65 x 16 |
| Bar | 20 Inches |
| U clamp | 20 mm |
| Tynes | 40 x 100 mm x 600 mm |

22). TRACTOR DRAWN BUND FORMER :

- 1) Tractor drawn suitable for 35 HP to 50 HP
- 2) To make bunds straightly
- 3) To cut both sides of the bund
- 4) Height of Ridge formed is Appx.50 Cms.
- 5) Weight of the machine is Approx.350kg.

23). REVERSIBLE PLOUGH :

| | |
|-------------------|--|
| 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 |

24). POST HOLE DIGGER: PTO OPERATED

| | | |
|-------------------------|---|----------------------------|
| Length x width x Height | : | 2390 mm x 840 mm x 1430 mm |
| Auger diameter | : | 250 – 450 mm |
| Weight | : | 150-240 kg |
| Power requirement | : | 35 HP Tractor |

25). ROTAVATORS:

| | | |
|----------------|---|---|
| Make / Model | : | |
| Side drive | : | Chain & Sprocket (closed) / Gear drive |
| Suitability | : | Tractor PTO with 540 RPM to 1000 RPM |
| No. of Blades | : | 36, 42 |
| Width | : | 1500 mm, 1750 mm |
| HP of tractor | : | 35 HP & above |
| Type of blades | : | “L” shape (or) Crescent shape |
| Rotor seals | : | 5 Lip super seal make |
| PTO Connector | : | Propeller shaft with universal joints to connect from PTO to the Rotavator. |

26). Rotary slasher**27). Fertilizer broadcaster****28). Compost spreader****29). Power harrow (rotary plough)****30). Half Cage Wheels (Heavy Duty) :**

| | | | |
|-----------------------|--|---|--|
| Dimensions | Height / Dia | : | 1120mm – 1275 mm depending upon the size of the tyre. |
| | Width | : | 400mm \pm 10mm |
| Rings | Ring dia | : | 1120mm – 1275 mm with 65mm angular with 8mm thickness |
| Supporting section | Total no. of leaves / Cross bars (between the rings) | : | 24 – 30 (12 – 15 per each wheel) made with 50mm x 6mm angular. |
| | Supporting members | : | 50 mm flat with 6mm thickness. |
| | No. of supporting Members | : | 10 – 12 |
| | Wheel / Ring | : | As per the local specific conditions. |
| Overall weight | Should not be less than 150 kg. per pair | | |

| | |
|-----------|---|
| 31 | 9 Row / 8 Row / 6 Row Khurai model double box / single box seed drill with leveler |
| 32 | Tractor drawn multi crop planter – 7 Rows |
| 33 | Tractor drawn seed cum fertilizer drill 9 Rows |
| 34 | Tractor drawn Multi crop raised bed planter - 4 Row (2 bed 4 Rows) |
| 35 | Tractor drawn Paddy grain planter 9 rows |
| 36 | Mini tractor implements |
| a) | K type cage wheels |
| b) | Cage wheel angle type |
| c) | 5 tyne cultivator rigid |

| | | | |
|----|--|-----------------------|---|
| d) | 2 furrow MB Plough | | |
| e) | Seed cum fertilizer drill | | |
| f) | 5 tyne cultivator | | |
| g) | Reversible plough | | |
| h) | 3 in 1 cultivator | | |
| i) | 4 feet guntaka | | |
| 37 | Chisel plough | Power source | Suitable @ 40 to 50 HP range of tractors. |
| | | Tynes | 1 / 2 / 3 tynes |
| | | Depth of soil cutting | Approximately 20" |
| 38 | Rotavator for Banana | | |
| 39 | Mini rotavators for mini Tractors | | |
| 40 | Fertilizer broadcasters | | |
| 41 | Rotary slasher | | |
| 42 | Hay Rake | | |
| 43 | Rotavator with 16 to 20 blades : 540 / 1000 RPM | | |
| 44 | Tractor driven Mulch laying machine | | |
| 45 | Pneumatic seed sowing machine for multiple crops | | |
| 46 | Drip and Mulch laying machine | | |
| 47 | cultivator with height attachment | | |
| 48 | Tractor Mounted reaper | | |
| 49 | Tipping trailer | | |

PRICE QUOTE

ANNEXURE III:**** GST taxes of GOI and TS will be applicable ******PRICE QUOTE**
(Schedule II)

| S.N | Description of the implement | Rate quoted per each including all taxes | | | |
|--------|--|--|----------|-------|----------|
| | | Basic Price (Rs.) | VAT @ 5% | Total | In words |
| 1 | 9 Tyne rigid cultivator (Light duty) ≥ 240 kg | | | | |
| 2 | 9 Tyne rigid cultivator (Heavy duty) ≥ 270 kg | | | | |
| 3 | 11 Tyne rigid cultivator (Light duty) ≥ 270 kg | | | | |
| 4 | 11 Tyne rigid cultivator (Heavy duty) ≥ 300 kg | | | | |
| 5 | 9 Tyne spring loaded cultivator (Light duty) ≥ 230 kg | | | | |
| 6 | 9 Tyne spring loaded cultivator (Heavy duty) ≥ 260 kg | | | | |
| 7(a) | 2 Furrow disc plough with Tubular frame (Heavy duty) ≥ 210 kg | | | | |
| (b) | 2 Furrow disc plough with channel / plate type (Heavy duty) ≥ 325 kg | | | | |
| 8 (a) | 2 Furrow M.B plough (Heavy duty) ≥ 260 kg | | | | |
| (b) | 3 Furrow MB Plough (Heavy duty) ≥ 325 kg | | | | |
| 9 (a) | Reversible 2 M.B.Plough (Heavy duty) ≥ 420 kg | | | | |
| (b) | Reversible 3 MB Plough (Heavy duty) ≥ 550 kg | | | | |
| 10 | 12 offset disc harrow (Heavy duty) ≥ 335 kg | | | | |
| 11 (a) | Guntuka blade(Uplands) (Heavy duty) pipe frame-Fixed frame ≥ 140 kg | | | | |
| (b) | Guntuka blade (Uplands) (Heavy duty) off set pipe frame adjustable frame ≥ 180 kg | | | | |
| (c) | Guntuka blade(Uplands) (Heavy duty) cultivator frame with 4 tynes ≥ 180 kg | | | | |

| | | | | | |
|--------|---|--|--|--|--|
| 12 | 10 ft. spike tooth harrow (Heavy duty) ≥ 110 kg | | | | |
| 13 | Disc puddler (heavy duty) ≥ 190 kg | | | | |
| 14 | 5 Bottom plough (ATP type) ≥ 225 kg | | | | |
| 15 | 7 Bottom plough (ATP type) ≥ 280 kg | | | | |
| 16 (a) | Tractor drawn seed cum Fertiliser drill with spring tyne cultivator and leveler - 6 tyne (ATP type) ≥ 350 kg | | | | |
| (b) | Tractor drawn manual seed cum Fertiliser drill with spring tyne cultivator and leveler - 8 tyne (ATP type) ≥ 370 kg | | | | |
| 17(a) | Tractor drawn seed cum fertilizer drill with rigid tyne cultivator and leveler – 6 tyne (ATP type) ≥ 240 kg | | | | |
| (b) | Tractor drawn seed cum fertilizer drill with rigid tyne cultivator and leveler – 8 tyne (ATP type) ≥ 300 kg | | | | |
| (c) | Tractor drawn seed cum fertilizer drill with rigid tyne cultivator and leveler – 9 tyne (ATP type) ≥ 270 kg | | | | |
| 18 | 5 tyne boot type cultivator (ADB type) ≥ 225 kg | | | | |
| 19 | 9 rows Rigid Tyne Ridger & Furrow planter (double box) | | | | |
| 20 (a) | Roto seed drill 5 feet with behind blades | | | | |
| (b) | Roto seed drill 6 feet with behind blades | | | | |
| (c) | Roto seed drill 7 feet with behind blades | | | | |
| 21 | 9 tyne cultivator spring loaded 340 KG Standard | | | | |
| 22 | Tractor drawn bund farmer | | | | |
| 23 | Reversible plough | | | | |
| 24 | PTO operated Post Hole digger | | | | |
| 25 | Models of Rotovators | | | | |
| 26 | Rotary slasher | | | | |
| 27 | Fertilizer Broadcaster | | | | |

| | | | | | |
|----|--|--|--|--|--|
| 28 | Compost Spreader | | | | |
| 29 | Power harrow | | | | |
| 30 | Half cage wheels | | | | |
| 31 | 9 Row/8 Row/6 Row khurai model double box/single box with leveler | | | | |
| 32 | Tractor drawn multi crop planter – 7 Rows | | | | |
| 33 | Tractor drawn seed cum fertilizer drill 9 Rows | | | | |
| 34 | Tractor drawn Multi crop raised bed planter - 4 Row (2 bed 4 Rows) | | | | |
| 35 | Tractor drawn Paddy grain planter 9 rows | | | | |
| 36 | Mini tractor implements | | | | |
| a) | K type cage wheels | | | | |
| b) | Cage wheel angle type | | | | |
| c) | 5 tyne cultivator rigid | | | | |
| d) | 2 furrow MB plough | | | | |
| e) | Seed cum fertilizer drill | | | | |
| f) | Reversible plough | | | | |
| g) | 3 in 1 cultivator | | | | |
| h) | 4 feet guntaka | | | | |
| 37 | Chisel plough | | | | |
| 38 | Rotavator for Banana | | | | |
| 39 | Mini rotavators for mini Tractors | | | | |
| 40 | Fertilizer broadcasters | | | | |
| 41 | Rotary slasher | | | | |
| 42 | Hay Rake | | | | |
| 43 | Rotavator with 16 to 20 blades : 540 / 1000 RPM | | | | |
| 44 | Tractor driven Mulch laying machine | | | | |
| 45 | Pneumatic seed sowing machine for multiple crops | | | | |
| 46 | Drip and Mulch laying machine | | | | |
| 47 | cultivator with height attachment | | | | |
| 48 | Tractor Mounted reaper | | | | |
| 49 | Tipping trailer | | | | |

(Price should be quoted from item SI No. 1 to 43 in the price quote only. Additional sheets can be enclosed as per requirement)

1. The basic rate quoted in schedule should be inclusive of all Taxes, duties on FOL delivery at Mandal agricultural office & loading, unloading etc. VAT component should be shown separately.
2. The rates quoted in the Price quote should be firm and valid up to **31-03-2018**. The TS 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- IV

**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 -04-2017 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 Telangana by way of giving any additional trade discount or incentives. If any such incident is noticed, the T.S.A.I.D.C.Limited 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

DATA SHEET
Information to EOI applicant(s)

| Clause Ref. | Description |
|-------------|---|
| 1 | <p>The name of the Client is :</p> <p>Vice Chairman & Managing Director Telangana State Agro Industries Development Corporation Limited 103, Hermitage Office Complex, Hill Fort Road, Hyderabad – 500 004, Telangana State . Ph: 040-23302680 Email: agros-ts@gov.in Website: www.tsoilfed.com</p> |
| 2 | <p>The Method of selection is :</p> <p>Quality-and Cost-Based Selection (QCBS)</p> |
| 3 | <p>The Edition of the Guidelines is :</p> <p>As furnished in the EOI schedule</p> |
| 4 | <p>EOI and Financial Schedules are requested Separately:</p> <p>Yes</p> |
| 5 | <p>Particulars of materials to be supplied:</p> <p>Tractor Drawn Implements - Land Preparatory & Sowing / Planting Equipments furnished in the EOI Schedule.</p> |
| 6 | <p>The addresses and Telephone numbers of client's Regional offices are</p> |
| 1 | <p>Regional Manager, Telangana State Agro Industries Development Corporation Limited HMT Town Ship, Narsapur Road, Chintal, Hyderabad- 500 054, Telangana State. Phone No.040-23085980, Mobile: 9912284899</p> |
| 2 | <p>Regional Manager, Telangana State Agro Industries Development Corporation Limited 6-2-258, Subashnagar, Nizamabad 503002, Telangana State. Mobile: 9553733322</p> |
| 3 | <p>Regional Manager, Telangana State Agro Industries Development Corporation Limited 11-10-743/7/1, Opp. DRDA Office Raparthinagar, Khammam 507001, Telangana State. Phone No. 0870-223216, Mobile : 9553733322</p> |
| 4 | <p>Regional Manager, Telangana State Agro Industries Development Corporation Limited Near Daroor camp, Karimnagar road, Jagtial 505327, Karimnagar District, Telangana State, Phone No. 08724-247527 Mobile: 9553733322</p> |
| 7 | <p>The client will provide the following:</p> <p>Technical specifications of the Tractor Drawn Implements -Land Preparatory & Sowing / Tractor Drawn Implements / Planting Equipment indicated in Annexure II.</p> |

| | |
|---|---|
| 8 | The EOI submission address is: Vice Chairman & Managing Director Telangana State Agro Industries Development Corporation Limited 103, Hermitage Office Complex, Hill Fort Road, Hyderabad – 500 004. |
| 9 | The information on the outer envelope should also include: EOI for supply of Tractor Drawn Implements - Land Preparatory & Sowing / Tractor Drawn Implements / Planting Equipment. Validity of EOI shall be 90 days from the date of submission. |