

The Department of Animal Husbandry and Dairying (DAHD), Government of India, through F.No.N-04003/41/2022-Cattle Div. dated 31.10.2023, approved a grant for strengthening the Central Cattle Breeding Farm (CCBF) under the Rashtriya Gokul Mission (RGM) at Dhamrod ,GUJ. NDDB Dairy Services (NDDB DS), a wholly owned subsidiary of the National Dairy Development Board (NDDB), invites quotations for Farm Implements.

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### **SECTION I - INVITATION FOR BIDS**

#### **Alamadhi Semen Station**

**Upprapalayam Road, Edapalayam, Redhills - Thiruvallur High Rd, Chennai,  
Tamil Nadu 600052**

**Web:** [www.alamadhisemenstation.com](http://www.alamadhisemenstation.com), and <https://ncdfiemarket.com/>

#### **INVITATION FOR BIDS (IFB)**

#### **Local Competitive Bidding (LCB) – E Tender**

**Tender Ref: NDS/ALM/CCBF/DHAM/FARMMECH/MAY/25-26/01**

<b>Sl No.</b>	<b>Description</b>	<b>EMD Details</b>	<b>Event Start/ Close Date</b>	<b>Last date &amp; time of Submission</b>	<b>Completion period / Delivery Schedule</b>
1	Farm Machinery/ Implements	<b>Rs 5000 for each machine (i.e.If you are quoting for 3 machine then EMD will be Rs 15000)</b>	<b>Start Date:</b> 10-05-2025 13:00 Hrs. (IST)  <b>Close Date:</b> 31-05-2025 15:00 Hrs. (IST)	<b>31-05-2025</b>  Submission up to <b>15:00</b> Hrs. (IST)  On NCDFI Portal	As per PO.

**Delivery address:** Central Cattle Breeding Farm, Dhamrod, Dist. Surat - 394125 Gujarat.

## **Section II (Instruction to the Bidder)**

### **1. Eligibility and Qualification Requirements**

- a.** The Bidder, in the same name & style, should be in business at least for **2** years at the time of bid opening. In case of change of name of the bidder by merger/ acquisitions/ change in status, the bidder may be eligible based on the documentary evidence.
- b.** The bidder should have valid registration under various Acts that may be applicable for the contract proposed. This may include but not limited to Income Tax, Companies Act, Goods & Service Tax (GST), the Building and other construction workers' welfare Cess Act, Employee State Insurance, Contract Labour, Provident fund etc.
- c.** The bidder must have prior experience in the supply, installation, and maintenance of quoted Machinery. Supporting documents such as purchase orders, completion certificates, or client testimonials must be attached.

### **2. Eligible Bidders**

This invitation for Bids is open to all suppliers who have downloaded this bidding document in their name and meet the minimum eligibility criteria, if any, specified in this bidding document.

### **3. Bidding Document**

The fee/cost for bidding document is NIL.

The Bidder shall bear all costs associated with the preparation and submission of its bid, and the NDS will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

Interested eligible bidders may obtain further information from

Head (Purchase)

NDDB Dairy Services, **National Dairy Development Board complex, Room No D 32 Plot A, 84, Block A, Sector 17, Noida, Uttar Pradesh 201301**  
**Mobile No-7410009501**

Email:prasad.pawar@nddbdairyservices.com

#### **4. Downloading the Document**

- a) The bid document will be available in the website at [www.alamadhisenstation.com](http://www.alamadhisenstation.com), & <https://www.ncdfimarket.com/index.php/auctions-2/> and can be downloaded and used as tender document for uploading the offer.
- b) The interested vendors are required to send an email at [etenders@ncdfimarket.com](mailto:etenders@ncdfimarket.com) by providing the following detail/information prior to 2 days before the bid end date:
  - Name of the organization:
  - Name of the contact person:
  - Contact No:
  - E-Mail:
  - Status of Registration with NCDFI (Yes/No):

Registration/bidding guidance will be provided by NCDFI team to interested bidders

- c) It is hereby brought to the notice of all bidders that if any change/ additions/ deletions/ alterations are found to be made by them in the tender and the same is subsequently noticed at any stage, even after award of the contract, the bidders are liable for all consequences thereof and NDS shall be free to take suitable action as deemed necessary.

#### **5. Content of Bidding Document**

- a) The Bidding Document includes:
  - i. Invitation for Bids;
  - ii. Instruction to Bidders;
  - iii. Terms & conditions of the Contract;
  - iv. Scope of work/Technical Specification
  - v. Schedule of Requirements and Price Schedule format;
  - vi. Deviation statement;
- b) The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in the rejection of its bid.

#### **6. Clarification of Bidding Documents**

A prospective Bidder requiring any clarification of the Bidding Documents may notify NDS in writing or by email. NDDB Dairy Services (NDS) will respond in writing to any request for clarification of the Bidding Documents,

which it receives **not later than 10 days prior to the deadline for the submission of bids prescribed by the NDS**. Written copies of the NDS' response (including an explanation of the query but without identifying the source of inquiry) will be sent to the respective Bidder and necessary corrigendum (if required) will be uploaded in the NDS' website and e-tender portal.

## **7. Amendment of Bidding Documents**

At any time prior to the deadline for the submission of bids, NDS may modify the bidding document by the issuance of amendment. The amendment will be uploaded on NDS/ NCDFI's website and will be binding on them. NDS may also at its own discretion, extend the deadline for submission of bids. Before submission of the bid, the bidder should check the NDS/ NCDFI's website for any Corrigendum/additional information on the bidding document, if any.

## **8. Preparation of Bid**

The Bid prepared by the Bidder and all correspondence and documents relating to the bid exchanged by the Bidder and the Purchaser, shall be written in the **English** language.

## **9. Format and Signing of Bid**

- a) The uploaded bid shall be digitally signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. The latter authorization shall be indicated by written power-of-attorney accompanying the Bid.
- b) Any correction made in the uploaded bid document should be signed by authorized signature.

## **10. Submission of Bid**

The bidders, who downloaded the bidding documents, are eligible for submission of bids in their names only. All the bidders should submit/upload their online bids in Part I – Technical Bid and Part II – Price Bid. The Technical bid (Part I) shall contain all the details **EXCEPT THE PRICE**.

The complete bidding document duly signed and sealed should be uploaded without any modifications/ alternations, as a token of their acceptance towards the scope of work, terms and conditions of the bid unconditionally.

Full details of materials including the manufacturer's name, etc. must be uploaded in the portal along with **Technical Bid (Part I)**, wherever requested.

Bids must be uploaded by the bidder at the NCDFI portal not later than the time specified for receipt of the bids in the Invitation for Bids.

The Bidder cannot modify or withdraw its bid after the last date & time of bid's submission. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity. Withdrawal of a bid during this interval may result in blacklisting of the bidder.

The bids are to be uploaded/ uploaded with specifications or as per specifications given in the tender and uploaded as such, shall be deemed to mean that the bidder submitting such a bid is fully acquainted with the technical details.

#### **11. Period of Validity of Bids:**

The Bids shall remain valid for **120 days** from the date of bid opening prescribed by the NDS. A bid valid for a shorter period shall be rejected by NDS as non-responsive.

#### **12. Earnest Money Deposit (EMD)/ Bid Security:**

**The EMD, shall be in the form of NEFT/RTGS at:**

- Beneficiary Name: National Co-operative Dairy Federation of India Ltd.
- Bank Name: Union Bank
- Branch Address: Anand Branch (Amul Dairy Road), Anand: 388001
- Account Number: 520141000774940, IFSC Code: UBIN0905208

**The right for bid submission will be available post EMD deposition only**

### **13. Price**

The bidder shall indicate on the Price Bid at NCDFI's e-Portal the final FOR unit price in INR

### **14. Fixed Price**

Basic Price quoted by the Bidder shall be fixed during the bidder's performance of the Contract/ Supply and not subject to variation on any account. A bid uploaded with an adjustable price quotation for such goods and services will be treated as non-responsive and rejected.

### **15. Form of Bid**

- i. The Bidder shall complete the Bid Form furnished in the Bidding Document and upload in NCDFI portal.
- ii. All the required documents, duly digitally signed, should be uploaded on or before the specified date and time at NCDFI Portal.

### **16. Opening of Bids**

Technical bids shall be opened online on the date and time specified in IFB. Bidders can witness electronic opening of bids on NCDFI E-PORTAL.

Commercial bids will be opened electronically of only those bidders whose Technical Bid (Part-I) is found to be acceptable by NDS. Such eligible bidders will be intimated the date of opening of Commercial Bid (Part II) separately through email.

### **17. Evaluation of bids**

#### **a) Preliminary Evaluation**

NDS Alamadhi Semen Station will examine the technical bids to determine whether they are complete, whether required EMD and supporting documents have been furnished, and whether the bids are generally in order.

Bids from agents without proper authorization from the producer shall be treated as non-responsive.

Prior to the detailed evaluation, NDS, Alamadhi Semen Station will determine the substantial responsiveness to the bidding document. A substantially responsive bid is one, which conforms to all the terms and

conditions of the Bidding Document without material deviations. A material deviation is one which affects in any substantial way the functionality, scope, quality or performance of the deliveries or which limits in any substantial way inconsistent with the bidding documents, NDS's rights or the bidder's obligations under the contract and the rectifications of which deviations would affect unfairly the competitive position of other bidders presenting substantially responsive bids. NDS Alamadhi Semen Station's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

No post-bid clarification at the initiative of the bidder shall be entertained. For evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for clarification on the bid. The shortfall information/ documents shall be sought only in case of historical documents which pre-existed at the time of tender opening and which have not under gone change since then.

So far as the submission of the documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered. For example, if the bidder has uploaded a supply order without its completion / performance certificate, the certificate can be asked for and considered. **However, no new supply order shall be asked for and considered so as to qualify the bidder.**

In case the required clarifications are not received by the Purchaser in time, the Technical bid may be treated as incomplete and non-responsive. A bid determined as not substantially responsive will be rejected by NDS, Alamadhi Semen Station and will not subsequently be made responsive by the Bidder by correction of the non-conformity. NDS Alamadhi Semen Station may waive any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of the Bidder.

**b) Evaluation and Comparison of Bids**

Evaluation and comparison of bid will be done on the basis of **event wise price** quoted by bidders on final destination/site basis (as mentioned in the schedule of requirement (Section- V)) exclusive of applicable Customs Duty. The lowest responsive bidder would be contracted for the full quantity.

**18. Award Criteria**

- i. NDS, Alamadhi Semen Station will award the contract/ Purchase Order to the successful bidder, whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid
- ii.

19. **Rights Reserved by NDS, Alamadhi Semen Station**

NDS, Alamadhi Semen Station reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for NDS' action. NDS, Alamadhi Semen Station does not bind itself to accept the lowest bid. NDS, Alamadhi Semen Station reserves the right to award the job either in part or full. NDS, Alamadhi Semen Station at its sole discretion and without assigning any reason thereof, also reserves the right to accept any/or reject any or all bids.

20. **Taxes and Duties**

A supplier shall be entirely responsible for all taxes, duties, license fees and other such levies

21. **Address for Communication**

Purchase

NDDB Dairy Services,

**National Dairy Development Board complex, Room No D 32 Plot A, 84,  
Block A, Sector 17, Noida, Uttar Pradesh 201301**

**Email- [prasad.pawar@nddbdairyservices](mailto:prasad.pawar@nddbdairyservices) 7410009501**

The detailed Terms & Conditions and Technical Specification is enclosed.

*For and on behalf of  
NDDB Dairy Services, Delhi  
Issued by: NDDB Dairy Services, Delhi*

### **Section III General Terms & Conditions**

1. **Single Quotation:**
  - Each bidder shall submit only one quotation.
  - Bidders must not contact other bidders regarding this RFQ.
2. **Validity of Quotation:**
  - The quotation must remain valid for at least 120 days from the submission deadline.
3. **Evaluation Criteria:** The bidding process will follow a two-step system: first, the evaluation of Technical Bids to ensure compliance with the required specifications and criteria, followed by the opening and evaluation of Financial Bids for technically qualified bidders
  - The Purchase Committee will evaluate quotations based on:
    - Compliance with terms, conditions, and specifications.
    - Inclusion of GST, packing, forwarding, freight, and insurance charges in the evaluation.
  - Evaluation will be on an Item Wise basis.
  - The decision of NDDB DS will be final and binding.
4. **Award of Contract:**
  - The contract will be awarded to the bidder offering the lowest price while meeting technical requirements approved by the user department.
  - NDDB DS reserves the right to accept or reject any quotation or cancel the bidding process without prior notice.
  - The successful bidder will be notified before the expiration of the quotation validity period.
5. **Terms of Payment:**
  - Payment will be made within 30 days after the successful rollout of the setup.
6. **Inspection and Testing:**
  - Stage-wise and pre-dispatch inspections may be conducted by NDDB DS or its appointed agency to ensure compliance with technical specifications.
7. **Supplier Performance and Delays:**
  - The supplier must adhere to the delivery schedule specified in the Purchase Order.
  - Any delay must be communicated in writing, including its cause and expected duration.
  - NDDB DS may extend the delivery timeline at its discretion, with or without penalties, through an amendment to the Purchase Order.
8. **Liquidated Damages:**
  - A penalty of 0.5% of the delayed goods' price per week (up to a maximum of 10% of the total order value) will be levied for delays.
  - Beyond this limit, NDDB DS may terminate the contract.
9. **Taxes and Duties:**
  - The supplier will bear all applicable taxes and duties until the goods are delivered.
10. **Performance Bank Guarantee:** 5% Bank Guarantee will be applicable for successful bidder
11. **Transaction Fees and TDS:**
  - As the bidding is processed through the NCDFI Portal, Transactions Fees and TDS will be adjusted from the deposited EMD amount:
    - Transaction fee: 0.40% of the contract value (+ applicable GST).

- TDS u/s 194/O: 0.10% of the contract value.
- Any adjustments in transaction fees and TDS based on the final contract value must be paid promptly in the same NCDFI account:

- **Beneficiary Name:** National Co-operative Dairy Federation of India Ltd.
- **Bank Name:** Union Bank
- **Branch Address:** Anand Branch (Amul Dairy Road), Anand: 388001
- **Account Number:** 520141000774940
- **IFSC Code:** UBIN0905208

**Section IV (Technical Specification)**

<b>Sl No</b>	<b>Item Name</b>	<b>QTY</b>
1	Tractor with front loader	1 Nos
2	Tractor (50 HP)	2 Nos
3	Tractor 105 hp	1 Nos
4	Skid Steer Loader	1 Nos
5	TRACTOR 80 HP	2 Nos
6	CHAIN SAW	1 Nos
7	ROAD SWEEPER	1 Nos
8	Boom Sprayer (Self-propelled)	1 Nos
9	Brush cutter	3 Set
10	Generator 125 KVA	2 Nos

### **Tractor With Front Loader**

Are complying this specification Yes or No

FOR Price include the RTO, Insurance & Delivery Charges  
Please Provide the Brochure of Quoted make & model

### **Tractor with Loader**

<b>Sr No</b>	<b>Specifications</b>
1	50 HP Power
2	4WD Industrial Axle Inline
3	12*3 UG PSM (upgraded partial synchromesh)
4	Dual Clutch
5	Power Steering
6	1 Remote Valve
7	Tyres-9.5x24 & 16.9x28
8	2000 KG Assit RAM
9	55kg Front Weight Carrier
10	ROPS
11	Canopy
12	4 PAD Brake
13	Paddy Sealing
14	Accessories- Tyre- 9.5x24- 4 Pc & 16.9x28- 4 Pc 7
15	Fuel Injection- Rotary Vehicle Emission Compliance- Bharat Stage TERM IIIA
16	Engine RPM at Max Torque @ RPM 2500
17	Power Shuttle shift

### **Specification of front loader**

#### **LOADERS ( on 4 Wheel Drive Tractor )**

- 1 Max operating ht (Min 170 Inchs)
- 2 Load Over Height (Min 132 inches)
- 3 Dump Height @45° (Min 110 inches)
- 4 Bucket capacity (16CUFT)
- 5 Bucket inside length (1900 mm Min)
- 6 Safe working load (Min 1000 Kg)
- 7 Type of bucket connecting system: simple to remove with 3 point/4 points connection with bush & pins. & having one extra 3 point linkage grabber system of MS material (Angle/Pipe) having capacity to lift 300-500 Kg of wt. for silage bales. Doser blade levelling bucket to be provided. Doser blade levelling bucket with quick hitching system to be provided.

## **Tractor 50 hp 2 WD**

Are complying this specification Yes or No

FOR Price include the RTO, Insurance & Delivery Charges  
Please Provide the Brochure of Quoted make & model

### **Functional Requirements**

For operating various farm equipment like ploughs, harrows, trailers etc.

### **Design Requirements**

1. Tractor to be pneumatic tyre driven with tyre size 7.50X16 and 16.9x28.
2. Two wheel drive arrangement.
3. Gear Box to be 12 + 3 gears
4. Engine should satisfy all norms for emission as per prevailing rules.
5. With water cooled diesel engine having strong and sturdy clutch, gear box, differential, axles etc as per latest standards.
6. Adjustable track width.
7. With differential lock arrangement.
8. Suitable PTO for 540 RPM, 6 Spline machines.
9. Category II three point linkage.
10. Dual clutch arrangement for PTO driven machines. 11. Independent hydraulics drive.
12. One single acting hydraulic valve and one double acting valve to be provided.
13. Draft control, position control and mixed control arrangement.
14. Swinging draw bar & adjustable hitch should be of heavy duty.
15. Adjustable height trailer hitch.
16. With front and rear wheel weights. 17. Mechanical or hydraulic brakes.
18. Self start arrangement with DC Battery & high torque DC motor.
19. 12 to 24 volts electrical, with front & rear lights 20. Complete in all respects; ready to use version as per latest RTO rules and regulations.
21. Specific fuel consumption to be indicated in the offer .
22. Anti corrosive paint for enhanced life.
23. Power steering.
24. FRP Canopy to be provided
25. RTO registration to be arranged by you, however necessary documents will be provided.
26. Filter kit: 12 nos, Front Wheel Bearing set: 12 sets, Water pump Elbow: Top-Bottom 12 Nos. each, Water Pump: 2 nos. Radiator Hose: Top & Bottom: 6 nos each to be provided per tractor.  
Tyres: 16.9 x 28 2Nos. and 7.50 x 16 2Nos per tractor to be provided

## **Tractor 105 hp 4 WD**

Are complying this specification Yes or No

FOR Price include the RTO, Insurance & Delivery Charges  
Please Provide the Brochure of Quoted make & model

### **Specifications of Tractor-105 HP**

#### **Functional Requirements**

For operating various farm equipment like forage harvesters, ploughs, harrows, trailers etc.

#### **Design Requirements**

1. Tractor to be pneumatic tyre driven with tyre size 12.4x24 and 18.4x30.
2. Four wheel drive arrangement.
3. Gear Box to be 20F+20R fully synchromesh with creeper gears.
4. Engine should satisfy all norms for emission as per prevailing rules (F5C Bharat (TREM) stage IV) Type-16 valve 4-cylinder HPCR, Engine CC to be 3387 CC, with 79 kw power
5. With water cooled diesel engine having strong and sturdy clutch, gear box, differential, axles etc as per latest standards. Clutch to be Electro Hydraulic Multi disk wet type with power shuttle.
6. Adjustable track width.
7. With differential lock arrangement.
8. Suitable PTO for 540 RPM, 6 Spline machines.
9. Category II three point linkage.
10. Dual clutch arrangement for PTO driven machines. 11. Independent hydraulics drive.
12. One single acting hydraulic valve and one double acting valve to be provided.
13. Draft control, position control and mixed control arrangement.
14. Swinging draw bar & adjustable hitch should be of heavy duty.
15. Adjustable height trailer hitch.
16. With front and rear wheel weights.
17. Hydraulically actuated Real Oil immersed Multi Disk Brake.
18. With ROPS, FOPS & canopy, Air suspended seat with seat belt.
19. Self-start arrangement with DC Battery & high torque DC motor.
20. 12 to 24 volts electrical, with front & rear lights 21. Complete in all respects; ready to use version as per latest RTO rules and regulations.
22. Specific fuel consumption to be indicated in the offer .
23. Anti corrosive paint for enhanced life.
24. Power steering.
25. RTO registration to be arranged by you, however necessary documents will be provided.

Filter kit: 12 nos, Front Wheel Bearing set: 12 sets, Water pump Elbow: Top-Bottom 12 Nos. each, Water Pump: 2 nos. Radiator Hose: Top & Bottom: 6 nos each to be provided per tractor.

**Skid Steer Loader**

Are complying this specification Yes or No

Please Provide the Brochure of Quoted make & model

Specifications:	
<b>Sr. No.</b>	<b>Description</b>
<b>Unit</b>	<b>Dimension</b>
A	Overall length
m (ft-in)	3.49 (11-5)
B	Wheel base
m (ft-in)	1.07 (3-6)
C	Angle of departure
25o	
D	Overall height
m (ft-in)	1.98 (6-6)
E	Dump height
m (ft-in)	2.26 (7-5)
F	Load-over height
m (ft-in)	2.84 (9-4)
G	Height to hinge pin fully raised
m (ft-in)	3.00 (9-10)
H	Reach at ground level (cutting edge)
m (ft-in)	1.00 (3-3)
I	Max reach at full height
m (ft-in)	0.91 (3-0)
J	Reach at full height-fully dumped
m (ft-in)	0.56 (1-10)
K	Dig depth (toe plate horizontal) clearance
m (ft-in)	Page 15 of 27

-10 (-0.4)  
L  
Rollback at ground  
  
30o  
M  
Dump angle  
  
42o  
N  
Shovel width-Standard  
m (ft-in)  
168 (5-5)  
O  
Width over tyres-Standard

M (ft-in)  
1.60 (5-3) P  
Ground clearance mm (in)  
210 (8.3)

Lift path m (ft-in) Radial

Machine unladen weight Kg  
2900

Rated opening capacity (ROC) SAE kg  
703

Bucket capacity-Standard Cu.m  
0.40

Maximum tipping load SAE kg  
1406

Turning radius  
-Bucket corner radius  
- Quick hitch radius  
- Rear chassis radius

m (ft-in)  
m (ft-in)  
m (ft-in)

2.09 (6-10)  
1.10 (3-7)  
1.65 (5-5) Q

Spares: Sapes and consumables for required for 2 years maintenance to be provided

Grease: 80 kg grease to be provided R

**Attachments:**

Road Sweeper-collector

Industrial Fork

Muck Fork & Grabs

6 in 1 shovel

Silage bale loader

RTO, insurance etc. to be complete T

Price basis to be FOR

## **Tractor 80 hp 4 WD**

Are complying this specification Yes or No

FOR Price include the RTO, Insurance & Delivery Charges  
Please Provide the Brochure of Quoted make & model

Engine Model

Common rail direct injection engine Engine Type

Turbo charger and inter cooler Engine Power 3849CC/ 80 HP

Rated RPM 2200

Fuel system Electronic with ECU control

Steering Hydraulic Power Steering

Clutch Double clutch with independent PTO clutch lever Hydraulic System live ADDC

Max lifting capacity KG 2250/3000

Air cleaner

Power core dry air cleaner No of speed

15 Forward / 15 Reverse Traction

4 Wheel Drive Rear wheel size 16.9\*30

Front tire size 11.2\*24

Gear box

Mechanical shuttle Constantmesh /Synchronmesh (helical gear )with forced feed lubrication

Method of operation [Individual or combine foot pedal](#)

Fuel Tank Capacity(liter) 75

Electricals

88/100 Battery&55 Amp Alternator Spares

Filter Kit: 12 nos, Front Wheel Bearings: 6 sets, Radiator Hose: Top & Bottom 6 sets, Water Pump: 1 no., to be provided per tractor

Make- New Holland, John deree, Duetz Fhar

**Road Sweeper- Make :- Vinayak Etc. -**

Are complying this specification Yes or No  
Please Provide the Brochure of Quoted make & model

<b>Model</b>	<b>RS – 230</b>
Mounting / Towing	Tractor Back Sid
Working Width	2.30 Meter (2300 mm)
Sweeping Width	2.25 Meter (2250 mm)
Sweeping Adjustment	45 Degree Base Adjustable Both Side as per Slope of the Road
Supporting Wheel	Two Heavy Duty Small Wheels (Rubber Molded) Dia. 200 X 50 mm. Adjustable Height with Dust Caps
Material of Brush	PPN Nylon Brush 3 mm ( 520 mm X 50 mm X 750 mm )
Brush Size	Dia. 520 mm
Qty of Brush	03 Sets
Dust garbage collection Container Volume	Min. 150 - Max Lift.
Dust Spread	Normally - Due to Collection Through Bucket
Working Condition	Tractor Run & Standing Position Both Time Working
Hydraulic System Use	Required for Hydraulic Oil Circulation.
Max. Operating Pressure	150 Bar
Minimum Hydraulic Oil Requirement	20 lpm
Hydraulic Drive	1 - Hydraulic Motor - 16 mps. Fitted to Turn Shaft with Brushes
Hydraulic Hose Pipe	02 Nos. Hose Fitted ( 5 Meters
Sweeping Speed	7 to 10 Km / Hour
Packing Type	Standard Export Packing
Overall Dimension ( H X W X L )	1100 mm X 1200 mm X 2650 mm
Net Weight	300 Kgs.

**Chain-Saw – Make STIHL etc**

Are complying this specification Yes or No

Please Provide the Brochure of Quoted make &amp; model

<b>Brand</b>	<b>STIHL</b>
<b>Model Name</b>	<b>MS 250</b>
Engine Type	2- Stroke Petrol Engine. (Single Cylinder)
Engine Displacement (cc)	45.4
Engine Idle RPM	2800 +/- 200 RPM
Engine High RPM	12500 +/- 500 RPM.
Power Output (kW)/(hp)	2.3 kw / 3.1 hp
Weight (Kg), Dry, Without Cutting Attachment.	4.6 kg.
Fuel Tank Capacity (ml)	470 ml.
Chain Oil Tank Capacity (ml)	200 ml.
Chain Type	3/8" Pitch, 1.3/1.6 mm drive link gauge.
Approved Guide Bar Length (cm)	30/35/40/45
Sound Pressure Level .... dB(A)	99
Sound Power Level .... dB(A)	113
Vibration Level m/s <sup>2</sup> (Left handle)	6.9 m/s <sup>2</sup>
Vibration Level m/s <sup>2</sup> (Right handle)	8.9 m/s <sup>2</sup> .
Maximum chain velocity to ISO 11681	28.9 m/s
Saw Chain Technology	Oilomatic Saw Chain
Carburetor	All Position diaphragm Carburetor with Integral Fuel Pump & Compensator type technology.
Starter / Starting Mechanism	Manual Hand Recoil

## **Sprayer Pump**

Are complying this specification Yes or No  
Please Provide the Brochure of Quoted make & model

### **Specification:**

Heavy duty & efficient sprayer  
Heavy duty industrial quality brass stamping material  
Stainless steel piston  
All working parts lubricated by oil bath  
Aluminum pressure die casting connecting  
Rod  
Control valve assly. With pressure regulator, by-pass  
Pulsation free spray  
Develop pressure up to 500 psi  
max. Sturdy/rugged  
construction Material of  
Construction: BRASS Suction  
capacity (lpm): 30  
Normal working pressure: 100 - 200 PSI  
Max. Pressure: 500 PSI  
Pump revolution: 950

### **Accessories:**

Suction hose with strainer 1  
NO. Delivery hose 30 mtr: 2  
nos Brass Spray Gun:2nos  
All required nipples (brass) to be provided

**Brush Cutter make : Aspee Etc.**

Are complying this specification Yes or No  
Please Provide the Brochure of Quoted make & model

<b>TECHNICAL &amp; FUNCTIONAL DETAILS</b>	
Displacement	40,2 cm <sup>3</sup>
Power output	1,6/2,2 kW/bhp
Weight <sup>1)</sup>	6,3 kg
Sound pressure level <sup>2)</sup>	95 dB(A)
Vibration level, left/right with plastic tool <sup>3)</sup>	6,4/3,4 m/s <sup>2</sup>
Total length <sup>4)</sup>	177 cm
Cutting tool	Grass cutting blade 230-2

**125 KVA Diesel Generator- make Kirloskar, Ashok Leyland, Etc.**

Are complying this specification Yes or No

Please Provide the Brochure of Quoted make & model

<b>TECHNICAL SPECIFICATIONS</b>			
Prime Rating at rated rpm (as per ISO8528)		kVA	125
		kW	100
Genset Model			KG4-125WS1
Frequency		Hz	50
Power Factor		Lagging	0.8
Voltage		V	415 (3Ø)
Governing class (As per ISO 8528 Part-V)			G3
DG Set Noise level at 1 meter		dBA	<75 (Genset with canopy)
Fuel tank capacity (Standard DG set)		Ltrs	230
μWeight of genset with canopy (approx.)^	Dry	Kg	2200
	Wet (w/o fuel)	Kg	2260
Overall dimensions of genset ^	Length	Mm	3200
	Width	Mm	1350
	Height	Mm	1796
Electrical Battery Starting Voltage		Volts-DC	12

### ENGINE

Engine Model			4K1080ETA 4G1
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	114.7
		HP	156
No. of cylinder		Number	4
Cubical capacity <sup>2</sup>		Ltrs	4.32
Bore x Stroke		Mm	105 x 125
Rated Speed		RPM	1500
Aspiration		NA/TC/TA	TA
Lube Oil change period		hrs.	500
Lube oil Sump Capacity (max)		Ltrs	14
Coolant Capacity		Ltrs	17.7
AdBlue / DEF Capacity		Ltrs	25

### ALTERNATOR

Insulation Class			Class H
Alternator Efficiency (at 100% load) 0.8 pf		%	91 .9
Max Voltage Dip at Full Load 0.8 pf lag		Sec	< 20 %
Max Time to build up rated voltage at Rated RPM			< 2 sec, provided engine reach the rated speed

**Section V Price Schedule**

<b>Sl No</b>	<b>Item Name</b>	<b>QTY (A)</b>	<b>FOR Unit Price (B)</b>	<b>GST on Unit Price (C )</b>	<b>Total C= AX(B+C)</b>
1	Tractor with front loader	1 Nos			
2	Tractor (50 HP)	2 Nos			
3	Tractor 105 hp	1 Nos			
4	Skid Steer Loader	1 Nos			
5	TRACTOR 80 HP	2 Nos			
6	CHAIN SAW	1 Nos			
7	ROAD SWEEPER	1 Nos			
8	Boom Sprayer (Self-propelled)	1 Nos			
9	Brush cutter	3 Nos			
10	Generator 125 KVA	2 Nos			

**Prices inclusive of all charges:** The quoted prices encompass all applicable taxes, transportation costs, freight, and Regional Transport Office (RTO) charges (both local and permanent)

**SECTION VI – DEVIATION STATEMENT**

IFB Ref.No.: **NDS/ALM/CCBF/DHAM/FARMMECH/MAY/25-26/01**

**DEVIATION STATEMENT FORMS**

**TECHNICAL DEVIATION STATEMENT**

**FORM PART-A**

- (1) The following are the particulars of deviations from the requirements of the tender specifications:

CLAUSE	DEVIATION	REMARKS (Including justification)
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The technical specifications furnished in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Dated:

Signature and seal of the

Manufacturer / Bidder

NOTE:

- (1) Where there is no deviation, the statement should be returned (uploaded) duly signed with an endorsement indication "**NO DEVIATIONS**"

**BIDDING TERMS DEVIATION STATEMENT**

IFB Ref.No.: **NDS/ALM/CCBF/DHAM/FARMMECH/MAY/25-26/01**

**PART- B**

- (2) The following are the particulars of deviations from the requirements of the bidding conditions / terms:

CLAUSE	DEVIATION	REMARKS (Including justification)
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