



**TENDER DOCUMENT FOR CONSTRUCTION OF
COW SHEDS AND WIRE FENCING**

Tender Ref No. 2003/RFP/2023

**TENDER DOCUMENT FOR CONSTRUCTION OF
100 COW SHEDS AND WIRE FENCING**



GOLD SUNSHINE AGRO TECH SERVICES PVT. LTD.

(Leading Company in Breeding & Milking Plant)

Regd. Office: 50/100, Krishan Nagar, Dehradun- 248001 (Uttarakhand)

Phone No. 0135-2750981, 9696937177,8171280881

Bank Details

GOLD SUNSHINE AGRO TECH SERVICES PVT. LTD.

BANK NAME: PUNJAB NATIONAL BANK, MG MARG, HARDOI (UTTAR PRADESH)

ACCOUNT NUMBER: 4456002100002174

IFSC: PUNB0364800

GOLD SUNSHINE AGRO TECH SERVICES PVT. LTD.
(Leading Company in Breeding & Milking Plant)
Regd. Office: 50/100, Krishan Nagar, Dehradun- 248001 (Uttarakhand)
205.00 CR PROJECT OF BREEDING & MILK
PROCESSING UNIT UNDER U.P INVEST- 2023
(LOCATION- VILLAGE NEER, HARDOI, UTTAR PRADESH)

NOTICE INVITING TENDER

NAME OF THE WORK : Construction of 100 Cow Sheds & Wire Fencing
EMPLOYER : Gold Sunshine Agro Tech Services Pvt. Ltd.

Open Bids are invited from the interest firms/vendors under two bids system for CONSTRUCTION OF 100 COW SHEDS & WIRE FENCING for Gold Sunshine Agro Tech Services Pvt. Ltd. At Village Neer, Hardoi, Uttar Pradesh.

Tender document may be downloaded from our website at: www.goldsunshine.in.

1.	Tender No.	Tender Ref No. 2003/RFP/2023
2.	Date of Publishing	18-11-2023
3.	Document download/Sale Start date and time	04.00 p.m. on 18-11-2023
4.	Bid Submission start date and time	11.00 a.m. on 24-11-2023
5.	Bid submission end date and time	
6.	Date and time for Opening of technical bids	03.00 p.m. on 31-11-2023
7.	Date and time for opening of financial bids	Bidders qualified for opening of their price bids shall be informed about the date and time of price bid opening through website.
8.	Address for communication	50/100, Krishan Nagar, Dehradun-248001 (Uttarakhand)

CONDITIONS OF TENDER/CONTRACT

1. Bidder shall, as part of their bid, submit a written Authorization letter from Partner/Director of bidding firm, if the signatory is other than Partner/Director.
2. Bidder shall not be under liquidation, court receivership or similar proceedings.
3. Bidder documents shall at all times remain the exclusive property of the Gold Sunshine Agro Tech Services Pvt. Ltd.
4. Gold Sunshine Agro Tech Services Pvt. Ltd. Reserves the right to accept or reject any bid and to annul the Bidding process and reject all Bids any time prior to award of contract without assigning any reason whatsoever or the reasons for the said action.
5. Canvassing in any form by the bidder or by any other agency on their behalf may lead to disqualification of their bid.
6. In case any bidder is found to be involved in cartel formation, his bid will not be considered for evaluation / placement of order. Such Bidder will be debarred from bidding in future.
7. The Contractor shall not enter into sub-contract, transfer or assign the contract or any part thereof to any other person/firm/organization.
8. The Bidder shall quote in Indian Rupees.
9. The Bidder is expected to examine the Bidding Document. Failure to furnish all instructions, forms, terms and specifications in the Bidding Document. Failure to furnish all information required as per the Bidding Document may result in the rejection of the Bid.
10. Clarification, if any, in respect of this tender can be obtained from our Website: www.goldsunshine.in the responses to Bidder's queries/ clarifications raised will be furnished as expeditiously as possible. Any modification of the Bidding Document, which may become necessary as a result of the Bidder's query, shall be uploaded in the above mentioned websites through the issue of an Addendum/ Amendment.
11. This contract shall be governed by the laws of India. The contract shall be interpreted in accordance with these laws. The courts of Hardoi only shall have jurisdictions to decide any dispute arising out of or in respect of the contract.
12. Any change in the ownership pattern of the contracting agency will not nullify the provisions of the Contract. The contract will devolve on the successor owners.
13. All bids complete in every respect must reach this office within the last date and time of receipt of bid. No extension shall be allowed for any reason whatsoever. Late tenders, Tenders received without cost of tender document/Bid security/Earnest Money shall be rejected summarily. Interested bidders may download tender document directly from our website.
14. Only authorized representatives will be allowed to attend the meeting of the Bid Opening Committee.

15. The demand draft of Rs 2,50,000/- as Bid EMD in favour of “Gold Sunshine Agro Tech Services Pvt. Ltd.” payable at “HARDOI” should be attached with the Technical Bid and Security Deposit for the same is 2% of the Project cost.
16. In case the firm fails to attach the demand draft of tender fee, and bid security/EMD, the tender shall be rejected straightway.

Description of work

Name of Work: Construction of 100 Cow Sheds & Wire Fencing



The Basic Building Blocks of any investment is the tight infrastructure, this is particularly for Dairy Farms and Farms should not be viewed as simple sheds but solutions that are holistic for ideal cow comfort and Milk Production.

Technological Solution:

Conceptual description

A modern barn, based on loose shed technology (Israeli type) that will include a roof over the resting area, open yard (to be roofed in the future), feed alley, water troughs, proper ventilation etc.

The shed will include adequate space for the milking cows, dry cows and young stock grouped according to age. Space per cow will consider the average milk production of the local cows.

A small Herring Bone milking parlor will be included into the Barn, with mechanized milking system and individual “VINNO” milk measurement.

The shed will include a built-in heat detection system, based on **VINNO** current technology, for both milking cows and heifers from 12 months old and on.

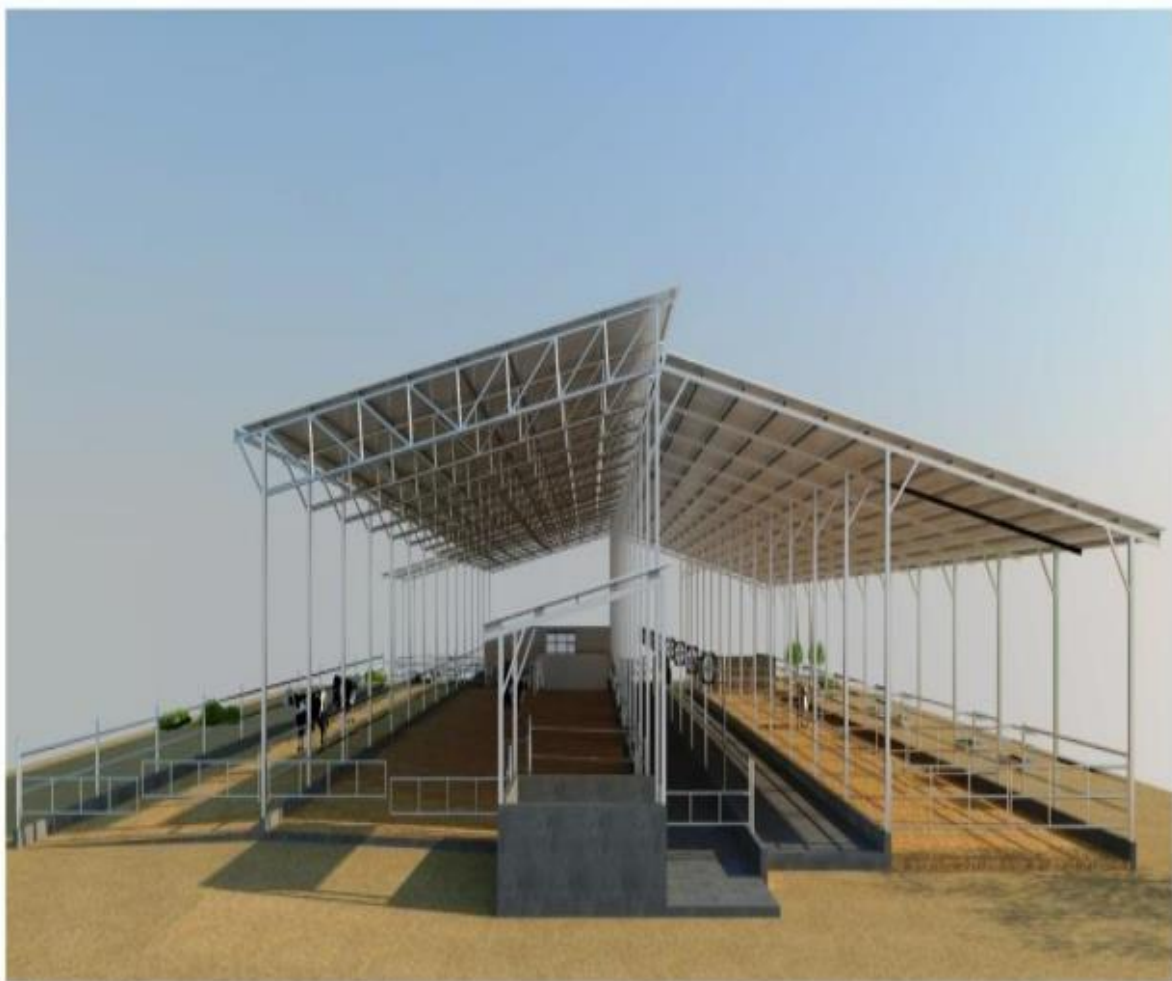
The milking area will include a small service room that will have sufficient space for the mild cooling tank other necessary equipment.

A small office will be allocated alongside of the service room to host the PC on which **VINNO** herd management software will be installed.

In order to deal with heat stress, cow cooling system at the feed alley will be implemented which includes 22" fans and water sprayers.

The barn (PC) could be connected to a Head Quarters via web connection (Internet), using **VINNO** Net platform in order to benefit management and professional monitoring and advice.

The Total Land requirement for housing of 100 animals is 1 Acre, but separate land is required for Green Fodder.



Detailed description of the Barn:

- * A central path (5m wide) will cross the barn, which both sides are used as feedbunks.
- * At one side of the central path will be housed 80 milking cows and 20 dry cows. At the other side will be housed, divided into groups by separating fences: 15 weaned heifers and other groups of 15, 20, 20 and 10 heifers.
- * Along the central path, there will be cemented lane (3.5m wide) on which the cows stand while eating. All the cows will have place to eat at once at the feeding-bunk. At one edge there will be a calving pen and at the other edge (slope towards this side), a pit for collection of manure (5 x 5 x 1.5m). Manure will be scraped manually twice a day.
- * Aside the cemented standing lane, there will be a non-cemented lying area 14.5 m wide at the cows' side and 9.0 m at the heifers' side. This area is covered with dried manure and it will be cultivated once a day in order to create a smooth and absorbent surface. This means that milking cows will be provided –in the first stage- an area of 12m²/cow.
- * Aside the roofed barn there will be an open yard (55m x 9m) so that the cows can freely exercise. In the future this area will be roofed and annexed to the cows resting area, so that the milking cows have an area of 18 M²/cow.
- * At the cows' side of the shed, there will be a milking parlor -herringbone type- with 6 stalls. A part of the shed, leading to the milking parlor, will be closed by gates and used as a holding pen for all milking cows.
- * Calves will be housed in cages for the first week and then kept in a common yard till weaning. In the proximity of this yard there will be a place for preparation of the milk replacer and cleaning of small equipment. Males could be sold at one week old or after weaning. Female calves will be weaned at 60 days and later moved into the heifers' side of the shed.
- * Other structures at the shed are: milk tank room (2,000l), machinery room, an office and a place for storage of feeds.



Design & Measurement

1. Cow Shed

Structure: Columns	Rows – Four (4) Columns per Row – Seven (7) Column Span – Column to column 19'-6" Pipe Diameter – 6" Square Pipe Pipe Gauge – 4 mm Pipe Quality – prime
Structure: Beams via Cross-Support	Section Details – 2 ½", 2" & 1 ½" X 2.5 mm square Pipe Section Quality – Prime
STRUCTURE COST	
Structure: Pipe Barriers & Gate • For Boundary at 45", 30" & 15" = 750/- R Ft (@ Rs 330 Per Sq ft X 750 R Ft Approx)	Pipe Diameter – 2" 1 ½ " Square Pipe Pipe Gauge – 2.5 mm Pipe Quality – Prime
TOTAL STRUCTURE COST	
ROOFING	
Roofing: Sheetting Of 0.50 mm (TCT) thick RIB Profile (Galvanized Color coated) Preceded galvanized trapezoidal steel sheets having maximum Pitch of 250 mm c/c & minimum 30 mm crest depth 1040 mm Cover width length as per site requirement. The sheet shall be Fixed using self-Drilling/Self tapping screws, complete as per Site requirement.	Profile – Material – Thickness – Coating – Waterproof – Make & Quality – Area in Sq ft – 10980 Sq ft approx Cost per Sq ft – Rs 40/-
Civil	
Civil: Columns (Foundation)	Will Provide – YES No's of Columns - 28 No's @ Rs 4500
Civil: 3" PCC Flooring @ 34' x 120' = 4080 Sq ft. • All sloping towards drain	Cost per sq ft – @ Rs 85/- Per sq ft
Provisions : Lighting 4 No's LED 30 W , 7 No's 12 W, Water for Drinking 6 No's 2' X 7' @ 12,000/- each, Fan's 6 No's @ 26,500/- each, Fogger 50,000/- Approx & Control Panels for above Systems	Will Provide – NO Make – Control panel 4' X 4', MCB, Switch, Kaling wire, Can dude pipe & accessories

2. Wire Fencing

- Approx. Area 10 Lakh Sq. Ft. in 10 Hectare area
- Requirement of Chain Link Wire Mesh Fencing (12 Gauze Silver Wire)
- Material should be GI Wire (Iron)

Rates: Kindly provide quoted rates on company's letter head before 24/11/2023

Note: Tenderer are requested to visit the site.