



GST: 23AAAAJ0485D1
PAN: AAAAJ0485D

जबलपुर सहकारी दुग्ध संघ मर्यादित
(मध्य प्रदेश सहकारी सोसायटीज अधिनियम 1960 के अधीन पंजीकृत)
ISO. 9001 : 2015 & 22000: 2005



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करीदा-इमलिया, कटनी रोड,
आधारताल, जबलपुर 482004 (म.प्र.)

Tender Ref No:

/PROJECT- / JSDSM/ 2021/Jabalpur

Date.

TENDER DOCUMENTS

YEAR-2021

Tender for Supply, Installation & Commissioning of Dairy Plant machinery

INDEX

Schedule I	:	General terms & conditions
Schedule II	:	Material, Specifications & Scope of work
Schedule III	:	Tenderer's details in Form A & Form B.
Schedule IV	:	Price Bid
Last date & time for issue of tender form	:	05.04.2021 up to 12:30 pm.
Last date & time of submission of Tender	:	05.04.2021 up to 12:30 pm
Date & Time of opening of tenders	:	06.04.2021 up to 03:30 pm

CHIEF EXECUTIVE OFFICER
Jabalpur Sahakari DugdhSangh Maryadit



GST: 23AAAAJ0485D126
PAN: AAAAJ0485D

जबलपुर सहकारी दुग्ध संघ मर्यादित

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Tender Ref No: 576 JSDSM/PROJECT/ 2021/Jabalpur

Date. 10/03/20

E- Tender Notice

Jabalpur Sahakari Dughdh Sangh Maryadit Jabalpur invites online E-tenders from Manufacturers/Supplier/contractors having adequate experience in design, construction, fabrication, supply, erection, testing and commissioning of Semi Automatic Gas Tray Sealing machine with Nitrogen/Co₂ flushing facility. Tender document is available & can be downloaded from the website <https://www.mptenders.gov.in> from 15.03.2021 .The tender document is also available on the website www.mpcdf.gov.in of M.P. Co-Operative Dairy Federation to read the terms & conditions, scope of works etc. as a reference only. The C.E.O., J.S.D.S. reserves the right to accept or reject any or all the tenders without assigning any reasons.

S.No.	Particulars	Qty.	EMD	Cost of Tender doc	Last date for purchase of tender Form
1.	Supply, Installation & Commissioning MAP Tray packing machine with Nitrogen flushing facility	1 unit	Rs 30,000/-	Rs. 500/-	05.04.2021 up to 12:30 pm

Chief Executive Officer

JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR
ANNEXURE-I
INSTRUCTIONS TO BIDDERS

1. Tenders are invited for the Supply, Installation & Commissioning of Semi Automatic Gas Tray Sealing Machine with Nitrogen/CO₂ flushing facility(MAP),at Jabalpur Dairy Plant, from reputed Manufacturers/Authorized Suppliers/Channel Partners.
2. The tenderer are requested to go through the tender document's instructions and various terms and conditions contained in Annexure-I to II. It may be noted that no conditions or stipulations to the contrary or which are inconsistent will be accepted. The Tenderer should also note that in absence of any of the schedules, their offer is likely to be rejected.
3. All the details to be filled as per tender document format and tenderer should read all instructions for compliance before submitting his tender.

Terms & Conditions

1. BASIC QUALIFICATION OF TENDERER

This tender is open for Registered and reputed manufacturer/Authorized suppliers/Channel partners who provide satisfactory evidence:-

- (i) Bidder must quote the experience certificates of above work
- (ii) Preference will be given to Indian manufacturer so that stage wise inspection of Equipment can be offered to check the quality of product.
- (iii) Preference will be given to the tenderer having Separate Spare & Service Dept and having sufficient Number of service Engineers.

2. EARNEST MONEY

The supplier shall deposit the Earnest Money amount (EMD) of amount Rs. 30,000.00 for complete work via Online E-Tender Portal ie <https://www.mptenders.gov.in> no cash or DD will be accepted by JSDS . In case, the supplier withdraws his offer during the validity period, after placement of order, the EMD amount shall be forfeited.

- (i) RETURN OF EARNEST MONEY TO TENDERER

EMD shall be returned to the un-successful Tenderer, as soon as possible, after the tender is decided and on execution of agreement with successful tenderer. No interest shall be paid on EMD amounts.

3. TAXES AND DUTIES

a) All taxes and duties should be *included in the prices quoted*. Any kind of taxes and duties shall not be paid extra. However, the breakup of taxes & duties must be indicated separately.

4. AMENDMENT IN SPECIFICATIONS

The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR- May revise or amend the specification, prior to the date notified for opening of Bid of tender. Such revision/amendment, if any, will be communicated uploaded on web site <https://www.mptenders.gov.in>.

5. DELAYED/ LATE SUBMISSION OF TENDERS

The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR shall not assume any responsibility for any postal delays either for the late receipt of documents by supplier or late receipt of tenders by the Board/JSDS. No Extension in time shall be granted on such grounds.

6. ALTERNATIVE TENDERS

Tender should be submitted Online; any alternative offers are liable for rejection.

7. MISTAKES IN TENDERS

Rates should be quoted in both; figures and words. In case of ambiguity between rates in figures and words, lower of the two/beneficial to the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR shall be considered. Such offers can also be rejected on recommendation of committee.

8. Documents to be submitted with the Tender (Mandatory)

- a) Copy of Registration Certificate of the Firm / Organization (Tenderer).
- b) Copies of purchase/work orders last five year .
- c) Copy to latest Income Tax returns & copy of Permanent Account Number (PAN) and GST No.
- d) Clint list

- e) Completion/Performance certificates
- f) Income Tax/Sales Tax return of last two years

9. ALTERATIONS/CORRECTIONS IN TENDERS

Any alteration/correction in the tender document should be counter-signed. Further, no post tender alteration/correction shall be entertained,

10 INCOMPLETE TENDERS

Tender which is incomplete or obscure in any form is liable for rejection.

11. ACCEPTANCE OF PART/WHOLE TENDERS & NEGOTIATION OVER TENDERERS RIGHTS THEREOF

(A) Chief Executive Officer, Jabalpur Sahakari Dugdh Sangh Mydt, has the Power To Negotiate With Lowest tenderer On The Tender Date Or Any Suitable Date Decided Thereof.

(B) JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR- reserves the right to accept/ reject wholly or partly any tender without assigning any reason whatsoever. The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR in this regard shall not entertain any correspondence.

12. AMBIGUITIES IN CONDITIONS OF TENDERS

In case of ambiguous or self-contradictory terms/conditions mentioned in the tender, interpretation as may be advantageous to the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR shall be taken without any reference to the tender.

13. DIS-QUALIFICATION OF TENDERS

Tender which gets opened before the due date as a result of improper or no indication having been given on the cover to indicate that it is a tender, will be disqualified.

Tenderer will not be permitted to change the substance of his tender on post interpretation/improper understanding grounds. This includes post tender price changes/modifications etc. after opening of Price Bid. In such events, otherwise, that is, when a supplier does not comply, tender will be rejected.

14. DEVIATIONS FROM TERMS & CONDITIONS :-

Offers with deviations in the terms of payment, liquidated damages, EMD and performance guarantee are liable to be rejected out rightly.

15. SUBMISSION OF TENDERS

It may please be noted that the due date/ time of opening can be altered, extended, if felt necessary by the purchaser, without assigning any reason thereof However, due intimation shall be communicated in such a case.

16. VALIDITY OF TENDERS

The offers shall be valid for 90 days. Validity of the offer shall be counted from the date of opening of tenders. Those who do not agree for a validity of 90 days will do so at their own risk and their offers are liable to be rejected.

20. ACCEPTANCE OF TENDER

- i) **The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR- May reject any or all tenders or to accept any tender considering advantageous to JABALPUR SAHAKARI DUGDHSANGHA MARYADIT, JABALPUR-. Whether it is the lowest offer or not.**

21. PAYMENT TERMS:-

Payment shall be made by A/c payee Cheque or RTGS only. The Schedule of Payment shall be as follows:

- (a) 80% against the safe receipt of material at site
- (b) 10 % after installation, Commissioning and successful trial run of supplied equipment.
- (c) 10% after submission of performance bank guarantee of 10% of total project cost with validity not less than one year from date of commissioning. This payment will be processed after submission of Invoices, Delivery challan by supplier.

22. PRICES AND STATUTORY LEVIES

- (i) The tenderer should quote price F.O.R. destination including Erection, Installation & Commissioning and Semi automatic Gas Tray Sealing machine with Nitrogen flushing facility(MAP) trial run charges on turnkey basis. However, break up of following elements may be indicated separately :-
- (a) Unit Ex-works/Ex-go down rate including packing and forwarding.
 - (b) Excise Duty applicable on Ex-works price as on date of Tender.
 - (c) Tax : GST / IGST
 - (d) Freight charges
 - (e) Any other levy/taxes.
 - (f) In case of exemption from GST / IGST tax, documentary evidence shall be furnished with the offer.
 - (h) No revision on any account shall be allowed during execution of the order.

- (ii) Prices offered by the tenderer should be firm and free from all escalations. The prices offered should be valid at least for a period of 90 days from the date of tender opening. Rate approval shall be communicated within 30 days from the date of tender opening.
- (iii) The Material to be supplied shall be dispatched to site by Road transport under intimation to the purchaser and consignee. Depending upon the type of material, the supplier shall have to carry out proper packing/crating to avoid damage/breakage during transit. Road permit for dispatch of material if required will be sent by JSDS on written request from supplier.
- (iv) After rate approval, the party shall have to execute an agreement on a non-judicial stamp paper worth Rs. 100/- to be executed with Jabalpur Sahakari Dugdh Sangh Maryadit , Jabalpur.

23. TRANSIT RISK

(a) Responsibility regarding covering of risks during transit of material shall entirely be on the supplier. The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. shall, in any case, not bear the transit risks/ transit insurance charges.

(b) Insurance shall be arranged by the supplier.

25. DELIVERY: Supply, Erection ,Installation & Commissioning Semi Automatic Gas Tray Sealing Machine With Nitrogen / Co₂ Flushing Facility(MAP) shall be commenced within 2 months (including rainy season) from the date of receipt and acceptance confirmation of order or from the date of contract agreement whichever is applicable. In case of any delay due to assembling or any other technical reasons, supplier will have to communicate in advance in written to the CEO, Jabalpur Sahakari Dugdh Sangh Maryadit, Jabalpur.

26. FORCE MAJEURE

Force majeure condition is herein defined as:-

- (a) Natural phenomena, such as floods, draughts, earth-quakes and epidemics.
- (b) Act of any Government Authority, domestic or foreign, such as war, quarantines, embargoes, licensing control or production or distribution restrictions.
- (c) Accident and disruptions such as fires, explosions, increase in power cut with respect to date of tender opening, break-down of essential machinery or equipment's etc.
- (d) Strikes slow down, lockouts continuing for more than three (3) weeks.
- (e) Failure or delay in the supplier's source of supply due to force majeure causes enumerated at (a) to (d) above, provided the supplier produces documentary evidence to show that there were no other alternative sources of supply available to him or if available, the lead time required was likely to be longer than the duration of the Force Majeure at the normal source of supply.

(f) Any cause which is beyond the reasonable control of the supplier or purchaser as the case may be. All the provisions of this clause shall apply whether the disrupting cause is total or partial in its effect upon the ability of the supplier to perform.

27. The original bills should be forwarded to the paying authority and should be marked "ORIGINAL". The bill should indicate GST Registration Number and date. The invoice in triplicate with relevant documents such as Material Receipt in good condition etc. should be submitted to JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR

28. PERFORMANCE GUARANTEE

28.1 If during the course of 18 months subsequent to the date of receipt of consignment or 12 months from the date of commissioning whichever is earlier (wherever applicable) any of the goods found to be defective in materials or workmanship or develops defects during service, they will have to be replaced by the supplier, free of all charges. All necessary arrangements on these accounts will be made by the supplier.

28.2 The said material if required to be replaced, shall be collected by the supplier/ firm from Area Stores/ work site at their own cost and at their own responsibility. These materials will like-wise be returned duly repaired/ replaced and tested subsequently by the supplier to the destination indicated on "FREIGHT PAID BASIS" at their cost in a reasonable time of 30 days from the date of intimation. The guarantee period as stipulated in clause 32.1 above shall also be applicable for repaired/replaced material, which shall however be counted afresh from the date of its delivery in our stores/site.

28.3 Further, it is clarified that all the charges towards supply of fabrication materials including packing, forwarding, loading, unloading shall be borne by the supplier. The amount deposited under security deposit clause shall also cover the performance guarantee of the material.

All equipment/ line materials reported failed within the specified guarantee period may be replaced free of cost by the supplier.

28.4 Actual cost of dismantling and replacement of these' equipment's/ materials with the new ones may be charged to the supplier's account. 34.5 To and fro transportation cost of such failed equipment may also be borne by the supplier.

28.6 In the event of the supplier's inability to adhere to the aforesaid provisions, suitable penal action will be taken, which may include blacklisting of the firm for future business with the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. for a certain period.

29. COMPLETENESS OF EQUIPMENTS

The equipment/material shall be completed in every respect with all minor fittings and accessories, even though these may not be specifically mentioned in the purchaser's specifications or the tender's offer. The supplier shall not be eligible for any extra price in

respect of such minor fitting and accessories which can be considered as an essential part of the basic equipment even though not specifically mentioned in the specification or in the offer.

30. EXTENSION ORDER

The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-.Reserves right to place an extension order for any additional quantity to the extent of 100% quantity of the original order on the same rates, terms and conditions within six months from the date of order.

31. RECOVERIES FOR LIABILITIES AGAINST OTHER CONTRACTS

All amount recoverable from the successful Tenderer against earlier contracts including orders on sister concern with the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT,JABALPUR-.will be adjusted from payment due against the contract that may be awarded under this specification.

32. COMPLIANCE OF REGULATIONS

The supplier should execute and deliver such documents, as may be needed, by the purchaser in evidence of compliance. All laws, Rules and Regulations are required to be incorporated in this reference. Any liability arising out of contravention of any of the laws shall be the sole responsibility of the supplier and the purchaser shall not be responsible in any manner whatsoever.

33. CANCELLATION OF ORDER

33.1 The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. May upon written notice of default, terminate contract in the circumstances detailed hereunder:-

a) If in the opinion of the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT,JABALPUR, the supplier fails to deliver the material within the time specified or during the period for which extension has been granted by the JSDS.

b) If in the opinion of the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR, the supplier fails to comply with any of the other provisions of this contract or material is found not in accordance with prescribed specifications and or the approved samples.

c) As a result of stage inspection, if applicable, it is revealed that material and/ or, workman ship is substandard which is likely to affect the performance of the finished product, a notice would be served' by the JABALPUR, SAHAKARI DUGDH SANGH MARYADIT,JABALPUR-. to the supplier to suspend further activities and to take urgent steps towards corrective measures, failing which the entire order would be cancelled.

33.2 In the event of such termination, JABALPUR SAHAKARI DUGDH SANGHA MARYADIT,JABALPUR shall exercise its discretionary power as :-

a) To recover from the supplier the agreed liquidated damages.

OR

- b) To purchase from elsewhere after giving due notice to the supplier on account and at the risk of the supplier such stores/ material not so delivered or others of similar description in respect of consignment not yet delivered.

OR

- c) To cancel the contract reserving JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. 's right to recover damages.

33.3 Notwithstanding that the powers under clause (a, b & c) referred to above, are in addition to the rights and remedy available to the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR under the general law of India relating to Contract.

33.4 In the event of risk purchase of stores of similar description, the opinion of the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR shall be final. In the event of action taken under clause 39.2(a) or (b) above, the supplier shall be liable to pay for any loss, which the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. may sustain on that account but the supplier shall not be entitled to any saving on such purchases made against the default.

33.5 The decision of the Chairman ,JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. shall be final regarding the acceptability of the stores supplied by supplier and the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. shall not be required to give any reason in writing or otherwise at any time for the rejection of the stores/ material.

33.6 In the event, JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-. does not terminate the order as provided in clauses above, the supplier shall continue execution of order, in which case he shall be liable to the JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR-.

34. ARBITRATION

In case of any dispute, if arises between the parties relating to any terms and conditions of the Tender / Agreement and or regarding the agreement /tender before or after the filling of tender and /or execution of the agreement, any party may refer the dispute to a sole arbitrator who will be the Chairman of Jabalpur Sahakari Dugdh Sangh Maryadit ,Jabalpur or a person nominated by him whose decision and award shall be final and binding to both the parties. The arbitration proceedings shall be under and accordance with provision of Arbitration and Conciliation Act 1996. Supplies under the Contract shall be continued by the supplier during the arbitration proceedings, unless otherwise, directed in writing by the Purchaser or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrators or of the Umpire, as the case may be, is issued.

35. JURISDICTION

Any dispute or difference, arising under, out of, or in connection with this tender/ contract order shall be subject to exclusive jurisdiction of competent court at Jabalpur only.

36. RANDOM TESTING-

Inspection of material after receipt or waiver of inspection will not relieve the supplier from his responsibility to supply the material strictly in accordance with the specification. The JABALPUR SAHAKARI DUGDH SANGHA MARYADIT, JABALPUR In case, the samples fail to withstand the required test, the entire lot will be liable to be rejected (i.e. unused material so supplied) and the supplier will have to refund the amount paid, including all taxes and duties, as well as the test charges thereof, after inspection. Such quantities or rejected material as identified, shall be removed by the supplier and replaced in full at his own cost.

37. CORRESPONDANCE:-

Copies of all important correspondence on subject should be sent to "CEO, Jabalpur Sahakari Dugdh Sangh Maryadit, Jabalpur".

38. CONSEQUENCES OF BREACH OF AGREEMENT

If the authorized person of the unit or a partner in the contract/tendering firm commit breach of any of the conditions of agreement it shall be lawful for the Chief Executive Officer, Jabalpur Sahakari. Dugdh Sangh Mydt, to cancel the contract and purchase or authorize to purchase stores at the risk and costs of the unit.

39.0 DISPUTE ARBITRATION & FINAL AUTHORITY

39.1 It should be clearly understood that in the event of any dispute between supplier and purchaser due to deviation from any terms and conditions of work order & contract agreement, the decision of the Chairman, Jabalpur Sahakari Dugdh Sangh Mydt., in this respect will be final and binding on the both supplier and purchaser.

39.2 For matters of dispute, relating to the interpretation of the above clause, the decision of the Chief Executive Officer, Jabalpur Sah. Dugdh Sangh Mydt, shall be final and binding on all the concerned.

40. Liquidated damages

If the supplier fails to deliver any or all of the Goods or perform the Services within the time period(s) specified in the contract, the purchaser shall, with out prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to:

- i) Up-to 15 days 1% of the contracted value
- ii) Between 16 to 30 days 2% of the contracted value
- iii) Beyond 30 days 5 % of the contracted value JSDS reserves the rights to either to cancel the order and make alternative purchase from other sources at the risk and cost of the of defaulting supplier.

ANNEXURE – II

Technical Specification of Semi automatic Vacuum+ Gas Tray Sealing machine (MAP)

MAP Tray Packing Machine should have with Die of:

- (1) 250gm Tray (4 cavities of tray size 137 x 102)
- (2) 500gm Tray (2 cavities of tray size 190 x 140)
- (3) 1 to 5kg Tray (1 cavities of tray size 310 x 200)

OTHER ACCESSORIES:

- (1) Gas Mixer N₂-CO₂
- (2) Gas Analyzer O₂-CO₂
- (3) UV Tunnel
- (4) Compressor 1 HP
- (5) Stabilizer 6 KVA
- (6) Gas bottles Regulator & Heater

CONSTRUCTION:

The machine will be entirely made out from food grade high quality stainless steel S.S. 304 and anodized aluminum & will be engineered to provide excellent sealing and outer finish comparable to international standards. The top (Lid) cover of the chamber will be made out from cast aluminum

The bottom movable chamber unit will consist of aluminum plate for putting the food tray. The upper chamber will consist of the pressure bar plates and seal bar punch. We can change the temperature of seal bar punch from control panel.

The vacuum pump will be direct driven & will remain inside the machine. There will be air-oil separator unit to remove the oil mist from the exhaust of vacuum pump, which is required for hygienic conditions.

OPERATION:

After Putting the filled trays inside the chamber plates press the push the Button than the bottom dome will automatically slides towards the upper dome. Afterwards upper dome will moves downwards and after that vacuum process starts. After completing vacuumisation, gas (N₂) operation starts and then sealing and cutting done operation. After it bottom dome will slides out and you can put the packed trays and put unpacked trays for next cycle.

TECHNICAL SPECIFICATIONS:

Machine Dimension	: 1000 x 800 x 1700
Bottom chamber usable Depth	: 110mm
No. Of Trays at a time	: Max 4 Nos.
Seal Width	: 4mm
Production Output	: 25-30 seconds per cycle

CONTROL PANEL:

Control panel will be PLC (Programmable Logic Controller) based & will be from "MITSUBISHI or SIEMENS". Control panel will be a part of machine. It will be consisting of LCD display showing the ongoing function & timings of vacuum and sealing, Emergency Stop Button, Roll winding push button. Panel is also consists a controller from which we can increase or decrease the temperature of the seal bar punch. PLC based control panel is highly advanced control unit and is proven technology gives consistent operation for years without any problem. It also gives flexibility to change the various parameters with key pad and LCD display.

VACUUM PUMP:

Vacuum pump of reputed brand (BUSCH Germany) will be placed inside the machine. The suction capacity will be 40 cu. Meters / hr. The drive will be through 1 H.P. Three phase Motor. There will be Air Oil separator Unit to remove the mist from the exhaust of the vacuum pump. This also saves oil loss and keeps the atmosphere hygienic and oil mist free.

ELECTRIC REQUIREMENTS:

415 volts, Single Phase, 50 Hz.

ELECTRIC CONSUMPTION:

5 K.W.

PNEUMATIC CONSUMPTION:

1 H.P. AIR COMPRESSOR

List of standard Bought out Items in Semi- Automatic Tray Vacuum Packaging Machine

<i>S. No</i>	<i>Particulars</i>	<i>Specification</i>
1	PLC	MISUBISHI/Samsung or other reputed firm
2	HMI	MISUBISHI/Samsung or other reputed firm
3	Vacuum pump	BUSCH – Germany or other reputed firm
4	Hardware & Fasteners	Stainless steel 304-APL
5	Pneumatics	SMC –Japan
6	Pushbutton	Schneider – France
7	Limit Switch	TVS Cheery-USA
8	Cables & Cable Glands	Lapp ,Germany
9	Vacuum Gauge (Glycerin Filled)	WIKA-Germany
10	Vacuum & Gas Level Sensor	SMC-Japan
11	contactors	Siemens/MISUBISHI
12	SMPS	Mean well -Taiwan.

Envelop-A

Form —A PART -II

Semi automatic Gas Tray Sealing machine Nitrogen flushing facility(MAP)
with Nitrogen/CO₂ flushing facility

Technical Bid

<i>S.No</i>	<i>Particulars</i>	<i>Specification</i>	<i>Remark</i>
1	PLC		
2	HMI		
3	Vacuum pump		
4	Hardware & Fasteners		
5	Pneumatics		
6	Pushbutton		
7	Limit Switch		
8	Cables & Cable Glands		
9	Vacuum Gauge (Glycerin Filled)		
10	Vacuum & Gas Level Sensor		
11	contactors		
12	SMPS		
12	Gas Mixer N ₂ -CO ₂		
14	Gas Analyzer O ₂ -CO ₂		
15	UV Tunnel		
16	Compressor 1 HP		
17	Stabilizer 6 KVA		
18	Gas bottles Regulator & Heater		

Date :

Place :

Signature of authorized Signatory of the Unit

(with seal)

JABALPUR SAHAKARI DUGDHA SANGH MARYADIT, JABALPUR

(To be submitted along with the offer)

Envelop-B

Form —B PART -I

Price Bid

FOR JABALPUR

Tender Ref No: /JSDSM/ 2021/Jabalpur

Date-

Semi automatic Gas Tray Sealing machine Nitrogen flushing facility(MAP)
with Nitrogen/CO2 flushing facility

S. No.	DESCRIPTION	QUANTITY	Rate (IN Rupee)
1	Supply , Erection, Installation & Commissioning of Vacuum packing machine with Nitrogen flushing facility	1 Set (as per technical specifications)	
2	Gas Mixer N ₂ –CO ₂		
3	Gas Analyzer- O ₂ -CO ₂		
4	UV Tunnel		
5	Compressor 1 ^{1/2} HP		
6	Stabilizer 6 KVA		
7	Gas bottles Regulator & Heater		
TOTAL			

Date :

Place :

Signature of authorized of the Unit

(with seal)