INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771

Mob: 9425912919, E-mail: isdsm gmpo@rediffmail.com

Ref No:2611/ISDSM/PLANT/2022

Date: 27.08.2022

E-TENDER NOTICE

TENDER COST: Rs.5000/-

Online e-tenders (Two Bid System) are invited from the manufacturers / Authorized Supplier for the **Supply, Installation & Commissioning of milk prepack machine and buy back the old machines.** tender notice, tender documents, containing the terms and conditions can be purchased online & also submitted through following website http://www.mptenders.gov.in upto 19/09/2022 at 02.30PM..EMD for the said work is Rs.100000/-. The detailed Tender Form can be seen (only for reference) at our H.O website: www.sanchidairy.com, Corrigendum/Amendment if any to this publication would appear only on the above mentioned websites and will not be published else where.

CHIEF EXECUTIVE OFFICER

INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771

Mob: 9425912919, E-mail: isdsm gmpo@rediffmail.com

Ref No:. 2611/ISDSM/PLANT/2022 Date: 27.08.2022

The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website http://www.mptenders.gov.in

E-Tender for Supply, Installation & Commissioning of milk prepack machine and buy back the old machines from reputed Manufacturer/ Authorized Supplier for ISDSM

TENDER DOCUMENT

Schedule I : General Terms & Conditions.

Schedule-II : Specifications

Schedule III : Technical Bid

Schedule IV : Form A & Form B

Schedule V : Price Schedule

Tender Cost : Rs.5000/-(Rupees Five Thousand only)

EMD : Rs. 100000/- (Rs. One Lakh)

Tender Document Download/Sale Start Date : 30/08/2022 Time 11:00 AM Onwards

Tender Document Download/Sale End Date : 19/09/2022Time 02:30 PM

Bid Submission Start Date : 30/08/2022 Time 12:00 Noon Onwards

Bid Submission End Date : 19/09/2022Time 02:30 PM

Bid Opening Date : 20/09/2022 Time 02:30 PM

Pre-Bid Meeting Date : 13/09/2022 Time 02:30 PM

Place of opening of Tender : Office of the Indore Sahakari Dugdha

Sangh Maryadit, Indore.

Address for Communication : The CEO, Indore Sahakari

Dugdha Sangh Maryadit,

Chanda Talawali, Manglia, Indore 453771.

CHIEF EXECUTIVE OFFICER

SCHEDULE-I (GENERAL TERMS AND CONDITIONS)

Indore Sahakari Dugdh Sangh Maryadit Indore invites online tenders (Two Bid System) for Suuply, Installation & Commissioning of milk prepack machine and buy back the old machines from reputed Manufacturer/ Authorized Supplier strictly in adherence to the detailed specification given in the Schedule II of the tender.

1.0 Instruction to Bidder/Tenderer

- (i) Bidder should read all terms & conditions of tender thoroughly before filling tender online.
- (ii) Scanned copy supporting document to be uploaded wherever required.
- (iii) Technical Bid, Form-A & Form-B shall be submitted online. Enclosed duly filled scanned copy to be uploaded.
- (iv) Price bid shall be filled online only. Physical form of price bid will be rejected out rightly.

2.0 EARNEST MONEY DEPOSIT

All the tenderers exemption of EMD to MP based MSME units are required to deposit Earnest Money on line. As the tender will be finalized the unsuccessful tenderers will get back the EMD from MP TENDERS (as per their norms) on line. Submissions ofearnest money by any other mode than specified above shall not be acceptable and the related tender shallnot be eligible for consideration.

Earnest Money Deposit:-

The earnest money deposit of the successful tenderers will be released on completion of supply/work as the casemay be within the stipulated period without any interest amount.

No interest will be paid on the earnest money for the period during which (the EMD) lying in deposit with IndoreSahakari Dugdha Sangh.Maryadit.

3.0 Detail of New machine & buy back machine :-

SN	Capacity	Detail of	Qty.	Place
		machine		
01.	Milk Prepack machine for 200-500	As per	2	At Indore Dairy Plant
	ml	schedule II		-
02.	Milk Prepack machine for 6 ltr	As per	2	At Khargon and Sendhwa
	-	schedule II		Dairy Plant (01-01 Nos)
03.	Buy back of Machines		1	"As is and where is" at
	The Deccan Packaging Systems and Needs			Indore Dairy Plant
	Double head ,Set pack mechanical			•
	Normal speed			
04.	Buy back of Machines		1	"As is and where is" at
	RMC Vijaipack VIP 6000 MDH			Indore Dairy Plant
	Double head mechanical Normal speed			,
05	Buy back of Machines		1	"As is and where is" at
	5 ltr, SAMARPAN make			Khandwa Dairy Plant

Scope of Work

- (i) **Supply, Installation & Commissioning of milk prepack machine.** Strictly as per technical specification of tender.
- (ii) Provide tools & tackles for maintenance along with machine.
- (iii) Provide training to operator / Staff of ISDS. With three months operation of equipments.
- (iv) Provision for civil foundation work if any shall be in bidder scope. (For this participants can visit the site before submission of bid.)

5.0 Delivery Period

Within 30 days from the date of confirmed purchase order.

6.0 Warranty

Minimum 18 months from the date of supply.

PRICE

Price offered by the tenderers should be firm and free from all escalations. The prices offered should be valid at least for a period of 12 months from the date of approval of rates; we would communicate our rate approval within 30 days of opening of tender only to successful tenderer.

The tenderer should quote rate only F.O.R. as per mentioned in schedule – I S.n. 3

Octroi duty, if applicable at the destination, shall be borne by the supplier.

For quoting for New machine and buy back old machines.

Tenderer can visit our site at www.sanchidairy.com for only read terms and condition.

TENDER OPENING

Tender will be opened online on scheduled date and time in front of tender committee and representative of tenderer.

Online Technical Bid will be opened first & only on verification of technical bid & supporting documents, online price bid will be opened.

Price bid of only those tenderer shall be opened who fulfill all criteria of technical bid successfully.

ELIGIBILITY CRITERIA

- (i). Tenderers should submit supplier's List with contact detail / Purchase order copy/performance Report.
- (ii). The tenderers should submit copy of IT Return for Last Two years.
- (iii). The tenderers should submit copy of PAN Card & GST.
- (iv) The tenderers should submit Filled Form-A & Form-B & attached related document as per Form A &B
- (v)The tenderers should submit copy of Firm Registration certificate.

PAYMENT

40% advance against submission of bank guarantee of equivalent amount 50% after supply of machine.

Balance 10% after commissioning and successful trial run of machine at site and submission of Performance Bank Guarantee (Nationalized Bank) of 10% equivalent amount valid for 18 months from the date of successful trial run of machine.

GENERAL TERMS AND CONDITIONS

The acceptance of the tender and award of the purchase order will be the sole right of the CEO Indore Sahakari Dugdha Sangh Maryadit, who does not bind himself to accept a tender in whole or part or reject any or all the tenders received without assigning any reason and no explanation can be demanded of the cause of rejection of the tender by any tenderer. If the tenderer fails to make supply within the stipulated time mentioned in purchase order then they may be black-listed and EMD also may be forfeited.

Negligence on the part of tenderer in filling the tender offers no right to withdraw the tender after it has been opened.

The tenderers should send their offers along with detailed technical specification, necessary documents etc., which will from the basis of tender and integral part thereof.

The CEO Indore Sahakari Dugdha Sangh Maryadit reserves theright to place order for sole requirement with any tenderor or split the orders among one or more tenderers.

The tenders received against the advertisement upto the specified time limit only shall be considered.

The Indore Sahkari Dugdh Sangh shall not be bound to accept lowest rate tender.

The submission of a tender by a tenderer implies that he has read the notice and conditions of the tender and the terms and conditions of contract and has made himself aware of scope and specification of the suppliers to be made and the destination where the supply have to be made and satisfied himself regarding the quality and specifications of the articles.

The tenderers should submit tender in online format only.

No person or firm is permitted to submit more than one tender under different names.

The conditional tenders are liable to be rejected.

Each page of the technical Bid and its enclosure should be signed & sealed at the bottom by the tenderer.

The supplier shall not sublet the supply or assign to any other party or parties, the whole or any portion of the contract.

All required utilities like air, electric supply, soft water supply will be provided at machine point/control power of machine by ISDS.

The successful tenderer has to execute an agreement with this office on Non-Judicial stamp paper of Rs. 1000/- within 10 days after allotment of work.

LIQUIDATED DAMAGES

The time period and the date of delivery of the material/services stipulated in the purchase/work order shall be deemed to be the essence of the contract. Once firm delivery date(s) are fixed for supply of material, they shall be strictly adhered too. In case they are not followed or in case of delay in executionor non-execution of the order, the Dugdh Sangh reserves the right either to cancel the order and make alternative purchase/ arrange the completion of job from other sources, at the risk and cost & expense of the defaulting supplier. In case the suppliers & services are not affected as per the schedules, the liquidated damages may be charged on the goods/ services not so delivered as under:

Supply, installation & Commissioning:-

S. No.	Duration of delay	Liquidated Damages
1.	1Month	1%
2.	1 to 2 Months	2%
3.	Beyond 2 Months	5%

SCHEDULE-II

TECHNICAL SPECIFICATIONS

Specification for Suuply, Installation & Commissioning of milk prepack machine.

S.- For 200/250/500/1000 ml pouch packing capacity

S.No	Specifications				
1	Product to pack Milk/Butter Milk/ Lassie / Cultured Curd				
2	Type of Machine	Fully Automatic High Speed Double Head Mechanically controlled through PLC,FFS			
3	Model	Reputed and as per technical specification			
4	Feeding systems	Gravity flow by Over Head Product Tank			
5	Packaging range	200/250/500/1000 ml			
6	Accuracy in volume	+/- 0.5% of the Quantity Packed.			
7	Accuracy in length	+/- 2mm			
8	Speed of the machine	80Pouches/Min/Head for 500ml Pouch (250ml – 100 ; 500 ml – 80 ; 1000ml – 55)			
9	Packing Material	LLDP/LLDPE			
10	Film thickness	55 to 60 microns for 1 Ltr: 50 to 56 microns for 500 MI and 250 MI.			
11	Film width	325 +/- 1mm			
12	Film roll weight	15 to 22 kgs			
13	Type of seal	Vertical Overlap / Horizontal – Impulse Heat Seal Without Lubricant free Bearings			
14	Material of construction	S.S-304Gr EN14.3 / M.S / Aluminum			
15	Injection system	(Electromagnetic) Quantity filling adjustments through PLC and Manual options			
16	Movement / operation	Eccentric Cam operated- with double Jaw movementWithout Lubricant free Bearings Film Unwringing with Geared Motor			
17	Product Tank (SS 304 grade)	Included with machine with Puf Insulated –Capacity 50 Ltrs each –2 Nos			
18	Electric and Instrumentation	For a Head: PLC Control Delta –2 Nos VFDDelta –2 Nos Servo Drives with Motor Delta –4 Nos HMI 7" Touch screen –Derlta —2 Nos Gear BoxSntd make6 Nos SMPS for AC to DC conversion All Cables :Finolex Make			
19	Cooling water requirement (Not required if milk feed at 3 to 4 Deg)	120 Ltrs /Hour @ 5 to 8 Deg Centigrade (Client Scope)			
20	Air pressure requirement (Not Required)	a) For Pneumatic Injection 6Mtr3 /Hour at 6kg/cm2 b) Magnetic Injection systems also provide as per the customers demand(i.e.) No air required (ISDS Scope)			
21	Power Consumption	3 Phase with 50 Hz regulated voltage (ISDS Scope) *** Current fluctuation should be avoided			
22	Power Consumption	3.6 K.W/Hour (Peak power6.4 KVA) each head			
23	Machine weight	800 Kgs –Approx.			

24	Machine Dimensions (L X B X H)	2.1 X 0.9 X 2.7 Mtrs (Including Tank Height)		
25	Photo sensor	Included with machine		
26	Date Coding unit	SetpacMake (Friction coder)		
27	Pouch counter / Alarm	Built in PLC		
28	Hygienic Condition	Machine included with UV arrangement for film expose area All contact body materials are Food graded Film Scrapping ArrangementOverflow Drain Line connection up to Machine endCIP Adapter with hose pipe fittingsProduct Tank Low level sensorTotal independent Head OperationSCADA Provision PLCIf required we can Provide IOT Cloud Base inbuilt for Live Date Monitoring from Machine to Desk top or Mobile app on Extra CostAll Bolting are Locknuts		
29	Sealing attachment (Front Back)	<u>S.S-304 Gr EN14.3</u>		
30	Safety Parameters	 Safety interlocks for all the doors, which is covering all moving parts. The entire electrical component with proper earthling and cover. Emergency stop switch when incoming supply cutoff Manual emergency stop Noise level controlled with Anti vibration mats Film roll end Film roll unwinding During power failure the machine shall stop / normal position. 		
31	Maintenances and Operational Requirements	 3 phase electrical power (415V, 50Hz) (to be provided by Client) Chiller Unit for cooling water circulation and connection to be provided. (Optional to be provided by Client) Compressed air connection (Optional to be provided by Client). Vacuum pump. (Optional to be provided by Client) 		
32	Inspection and Testing	 <u>FAT before delivery or Client witness.</u> <u>Can be provided test certificates wherever required</u> 		
		ISO and CE certified		
33	Site Installation and Field Identification	 Earthling to Machine (Before Commissioning) Machine shall be installed in slope (as per the Manufacturer rep) No water spillage over and above the machine Only manual cleaning, No spray or Jet washing 		
34	Warranty certificate	Warranty certificate for the equipment for the period of 18 months from the date of dispatch against any manufacturing defects		
35	I-Mark and TTO printer complete assembly	As per requirement of ISDS		

2. For 6 Ltr pouch packing capacity

S.No	Specifications	
1	Product to pack	Milk/ Curd/Edible Oil / Ghee / Vanaspathi/LASSI
2	Type of Machine	Fully automatic Single Head 6 Ltrs Normal speed Mechanically controls through PLC, HMI, AFFSMachines
3	Model	Reputed and as per technical specification
4	Feeding systems	Volumetric Filler
5	Packaging range	2000/6000 ml
6	Accuracy in volume	+/- 0.5% of the quantity packed
7	Accuracy in length	+/- 2mm for all width

8	Speed of the machine	12 to 14 Packs/minute/ head
9	Packing Material	LD / Bonding/Nylon Bonding/ Prime core
10	Film thickness	90 to 115 microns
11	Film width	590+/-2mm
12	Film roll weight	15 to 22 kgs (Varies as per the pouch film suppliers)
13	Type of seal	Vertical overlap / Impulse heat seal (center seal)
14	Material of construction	S.S / M.S / Aluminum
15	Injection system	Volumetric filling with mechanical system byPneumatic –60 CFM 6 Kg/Cm sqr
16	Horizontal seal	4.5 mm Impulse heat System
17	Vertical seal	4.0mm Impulse heat System
18	Electric and Instrumentation	 PLC Control: Delta Make VFD for Gearbox 3 No's: Delta Make HMI 4" Push screen: Delta Make SMPS for AC to DC conversion: Delta MaAll Cables: Finolex Make
19	Movement / operation	Eccentric Cam operated- with Double Movement
20	Cooling water requirement	200 Ltrs /Hour @ 5 to 8 °C (ISDS Scope)
22	Power Consumption	3 Phase with 50 Hz regulated voltage (ISDS Scope) *** Current fluctuation should be avoided
23	Machine power Consumption	5 K.W / Hour
24	Machine weight	600kgs Approx. (2.8x1.5x1.5 Mtrs HXWXD)
25	PLC Control	Included machine will be with PLC—Delta
26	Photo sensor	Included
27	Coding unit	Mechanical friction type or TTO
28	Pouch counter / Alarm	Including with PLC
29	Pouch counter / Alarm	Built in PLC Machine included with UV arrangement for film expose area
30	Hygienic Condition	All contact body materials are Food graded
31	Sealing attachment (Front & Back)	S.S-304 Gr EN14.3
32	Safety Parameters	 Safety interlocks for all the doors, which is covering all moving parts. The entire electrical component with proper earthling and cover. Manual emergency stop Noise level controlled with Anti vibration mats Film roll end Film roll unwinding
33	Maintenances and Operational Requirements	 3 phase electrical power (415V, 50Hz) (to be provided by Client) Chiller Unit for cooling water circulation and connection to be provided. (Optional to be provided by Client)
34	Inspection and Testing	 FAT before delivery or Client witness. ISO and CE certified
35	Site Installation and Field Identification	 Earthling to Machine (Before Commissioning) Machine shall be installed in slope (as per the Manufacturer rep) No water spillage over and above the machine Only manual cleaning, No spray or Jet washing
36	Warranty certificate	 Warranty certificate for the equipment for the period of 18 months from the date
37	I-Mark and TTO printer complete assembly	of dispatch against any manufacturing defects As per requirement of ISDS

INDORE SAHAKARI DUGDHA SANGH MARYADIT CHANDA TALAWALI, MANGLIA INDORE 453 771



As ISO 9001: 2000 Certified Organization PlantE-

SCHEDULE – IV

(To be submitted along with the offer)

Form – A

Chief Ex SDSM, Indore	xecutive Officer	Date :
Dear Si /We he	•	about our company/unit which will form a part of our offer submission :
1.	Name of the Co./Unit :	
2.	Address of the Co./Unit :	
3.	Telephone Nos.(with STD Code) FAX No. : Email ID :	
4.	Name of the CEO/Proprietor/ Partner	
5.	Name and designation of other Authorized signatory of the Co., Unit.	
6.	Particulars of Regn. Certificate a Manufacturer Issued by the com (Regn No. & Date) (Enclosed Cop	nt authority
7.	GST NO	dated
8.	Details of PAN CARD (Enclosed C	:
9.	Income Tax return (Enclose Cop	
10.	Name of Bank & RTGS/NEFT No. Enclose cancelled cheque:	
	Have your Co./Unit or its sister or GOI /GOMP & its undertaking If Yes, when & Why? Give reason	

NO ADDITIONAL CONDITION, DEVIATION OR POINT OF DIFFERE	•
I AM PROPRIETOR / MANAGER/ DIRECTOR	OF THE TENDERING FIRM AND HAVE BEEN
AUTHORISED TO SUBMIT. THE AUTHORITY LETTER IN THIS REG.	ARDS IS ENCLOSED HEREWITH.
DATF:	SEAL AND SIGNATURE OF TENDERER
DATE.	SEAL AIND SIGNATURE OF TEINDERER
	NAME OF SIGNATORY
	DESIGNATION

Seal & Signature of the Authorised Signatory of the Co./Unit

SCHEDULE IV

(To be submitted along with the offer)

Form B

CHIEF EXECUTIVE OFFICER	Date:	
ISDSM, INDORE		
Dear Sir,		
I/We furnish here below more particular abo Tender rate submission against your Tender	• • •	•
1. Items manufactured at our Unit	:	
2. Capacity of the Plant	:	
3. Is there any break in your production/		
business activities during the past 5	:	
years period? If so, give details thereof.		
4. Your customers/client on current list	: 1	
	2	
	3	
	4	
	5	
5. Have/Are you supplied/supplying	:	
items of similar nature to any Dairies		
under coop. sector ? if yes to whom		
and how long?		
I/We hereby undertake that information full best of our knowledge and belief.	urnished in the Tender	documents are correct to the
Place:		
Date:		
		Seal & Signature
	,	Authorized Signatory of the Co. /Unit

SCHEDULE-V

PRICE BID

Price bid of Supply , Installation & Commissioning of milk prepack machine and buy back the old machines.

<u>s</u> <u>n</u>	Items (As per technical specifications schedule II)	Qty	Price Quoted Unit Rate (In Rupees.) for new machine & old buy back machine (Including, Packing and Forwarding, GST, Transport charges, Loading, Unloading, Insurance, Installation and commissioning,)	Total (In Rs)
1.	Milk prepack machine 200/500/ 1000 ml (As per technical			
	specifications schedule II)_			
2	Milk prepack machine 6 ltr (As per technical specifications schedule II)	2 Nos		
3	Buy back old machine as per schedule-I General T&C (At Indore dairy plant)	1 Nos		
4	Buy back old machine as per schedule-I General T&C (At Indore dairy plant)	1 Nos		
5	Buy back old machine as per schedule-I General T&C (At Khandwa dairy plant)	1 Nos		
	Total { (1+2)-(3+4+5)} Note:- L1 will be decided on {(1+2)-(3+4+5)} basis			