**M P State Cooperative Dairy Federation Ltd.**

**Dugdha Bhavan, Habibganj, Bhopal - 462 024**

**Telephone: (0755) - 2580400-402**

**Fax No.0755-2583149**

**Email: ho.mpcdf@nic.in**

**Tender for Supply/Installation/Commissioning**

**Of**

 **Automatic** **Peda Making/Shaping and Embossing Machine,**

**Khoa Making Pan and Ink jet Printer**

 **Tender Reference No. MPCDF/PO/2018 dated 28.08.2018.**

 **Last Date for Tender Submission:-19.09.2018**

 **Cost of Tender Form - Rs.1000/-**

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**E-Tender Notice**

M P State Cooperative Dairy Federation Ltd., Dugdha Bhavan, Habibganj, Bhopal an apex Cooperative organization in Madhya Pradesh invites tender from reputed manufactures / suppliers / authorized dealers for Supply/ Installation / Commissioning of Automatic Peda Making/shaping and embossing machine, Khoa Pans and Ink Jet Printer for its regional cooperative milk unions thus strictly adhering to the details prescribed in the tender document.

The cost of tender documents is Rs.1000/- (Rupees One Thousand Only).

The tender document can be obtained from the site of M.P e-procurement (www.mpeproc.gov.in) on remitting online payment. The details relating to the tender can also be referred at MPCDF website [www.mpcdf.gov.in.](http://www.mpcdf.gov.in/)

**Key Information**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Last date and time of tender form purchase online** | **Last date and time of technical bid submission offline (Physical)** | **Last date and time of financial bid submission online** | **Date and time of opening technical bid** | **Date and time of opening financial bid** | **EMD required**  |
| **18.09.2018****05:00 PM** | **18. 09.2018****05:00 PM** | **18.09.2018****05:00 PM** | **19.9.2018****12:00 noon**  | **19.09.2018****03:00 PM** | **Rupees 50000/- for each set of Machine** |

 **Managing Director**

**M P State Cooperative Dairy Federation Ltd.**

**Dugdha Bhavan, Habibganj, Bhopal - 462 024**

**Telephone: (0755) - 2580400-402**

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**Tender Document**

|  |  |
| --- | --- |
| Schedule I | General Terms and Conditions (Page No. 4 to 9) |
| Schedule II,III and IV  | Design/Technical Specifications (Page No. 10 - 12) |
| Schedule V and VI | Technical Bid Form (Page No. 13 - 14)(i) Form - A(ii) Form – B |
| Schedule VII, VIII and IX  | Technical Parameter to be filled by supplier (Page No. 15-17) |
| Schedule X, XI and XII | Commercial Price Schedule – Form‘C’ (Page No. 17-20) |
| Last date for purchasing Tender Form | 18 -09-2018 Time up to 5:00 PM |
| Last date for online upload of Tender Form |  18 -09-2018 Time up to 5:00 PM |
| Last date for submission of Original Demand Draft and Tender documents  |  18-09-2018 Time up to 5:00 PM |
| Venue for Submission of Demand Draft and Tender documents | M P State Cooperative Dairy Federation Limited,Dugdha Bhavan, Habibganj, BHOPAL - 462024 (MP) |
| Date & Time of Opening Technical Bid and EMD | 19-09-2018 12.00 Noon onwards |
| Date & Time of Opening Eligible Financial Bid  | 19-09-2018 3:00 PM |
| Venue of Opening Tender | M P State Cooperative Dairy Federation Limited,Dugdha Bhavan, Habibganj, BHOPAL -462024 (MP) |
| Cost of Tender Form | Rs. 1000/- (Rupees One Thousand only) |

 **Managing Director**

**SCHEDULE - I**

 **General Terms & Conditions to participate in Tender and Supplies**

###### M P State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, Bhopal invites online tenders through M.P. e-procurement (www.mpeproc.gov.in) from bonafide manufacturers /suppliers and / or their accredited / authorized representatives, dealers for Supply/Installation/Commissioning of Automatic Peda Making /shaping machine, Khoa Pans and Ink Jet Printer at Bhopal, Indore, Ujjain, Gwalior, Jabalpur and Sagar (Bundelkhand), strictly adhering to the quality benchmarks and technical specifications prescribed in the tender.

###### MP. State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, Bhopal solely reserves the rights to accept or reject, partially or fully, any or all tenders, without assigning the reasons thereof.

1. DECLARATION

1.1 The tender submission by the tenderer itself implies that he/she has amply read all the instructions, terms and conditions laid down in the tender and has completely made himself / herself aware of scope, quality & technical specifications of the machine / equipment supplies to be made at the defined destinations and, have fully satisfied himself / herself with all related bindings that were expected from him / her through conscious participation.

2.0 TENDER SUBMISSION

2.1 A tenderer will not submit more than one tender.

2.2 The tenderer will ensure to clearly indicate his / her position / capacity in the respective firm in signing the tender and related documents.

2.3 The tenderer will ensure to submit the tender papers physically or by post in two separate envelopes as under -

 Envelope enmarked "A" - for Earnest Money Deposit (in the form of Demand Draft)

 Envelope enmarked "B" - for Technical Bid papers

2.4 The Financial bid shall mandatorily be submitted only through online (refer Schedule X, XI and XII)

2.5 In no case the financial bids would be entertained / submitted physically by any bidder.

2.6 The tenderer will ensure giving the reference of EMD online and upload the scanned copy of EMD (Demand Draft).

2.7 The EMD in envelope ‘A’ shall be opened both online and manually. Once it is found in order then the technical bid envelope shall be opened thereafter.

2.8 The technical bid shall be opened in the presence of bidder's representative in the opening process if he is available in the tender opening date.

2.9 The Financial offer of a bidder will be opened only when the individual tenderer / firm has successfully qualified the technical bid parameters / criteria.

1. 3. 0 BIDDER ELIGIBILITY CRITERIA.

3.1 The tenderer should clearly indicate the contact mailing address, telephone, mobile, fax, e-mail, PAN and GST number. Any change in the address should immediately be communicated to the MP State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, and Bhopal for exchanging future correspondence.

3.2 The bidder should submit detailed technical Specifications of the items / material being offered with related guarantee / warranty condition.

3.3 The bidder should submit copies of related testimonials proving his past experience of

 supply Installation and commissioning in other organization during last three years.

3.4 The bidder should submit copies of Income Tax return of previous two years.

3.5 Negligence / Carelessness on the part of tenderer in filling the tender form/price shall cease his/her rights to withdraw from the tender once opened.

3.6 The MP State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, Bhopal solely reserves the rights to accept or reject, wholly or partially, the tender / awarding purchase order without assigning any reasons thereof.

3.7 The tenderer shall submit the tender in the prescribed form only. Conditional tenders, in any case, are liable for outright rejection.

3.8 No Individual or firm shall be allowed to submit more than one tender under different names.

3.9 The tenderer will ensure to sign with rubber stamp/ seal of the form at the bottom of each page of the tender form and enclosures as acceptance of terms and conditions.

3.10 The tenderer cannot sublet the contract or assign wholly or partially the contract to any other party/parties. In any case, if it is found so, then the assigned work order will immediately be cancelled and the party will be solely liable for black-listing by the management.

3.11 Manufacturers will be given preference if rate of two parties are same. A copy of license is to be attached with tender for each item filled in. The Wholesalers dealing with the item will have to attach copy of authorization certificate of the respective manufacturer.

3.12 The tenderer will provide all the details of his/her unit in the form given at Schedule-IV.

3.13 Preference shall be given to manufacturers and / or such tenderers who possess the

 experience of supplying desired machinery / equipments to government organizations / Dairy plants under Co-operative sector.

3.14 In the event if any firm that was functioning individually and for obvious reason has merged with another firm then in such cases the firm should submit copy of registration from competent authority ,only the mutual agreement between the two firms or companies will not be accepted.

4.0 EARNEST MONEY DEPOSIT

4.1 The tenderer would be required to deposit Demand Draft of Rs.50000 /-Rs Fifty thousand only for each set of machines for Automatic Peda Making/shaping machine, Khoa Pans and Ink Jet Printer as Earnest Money for as indicated in tender notice. The Demand Draft shall be drawn in favor of M P State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, and Bhopal.

4.2 Submission of Earnest Money Deposit in any mode other than Demand Draft shall be liable for rejection of tender.

4.3 EMD / Security Deposit previously lying with office M P State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj, by any means and for any reasons, shall not tend for consideration as EMD for the prevailing tender.

4.4 Any tender not accompanied with EMD shall be liable for rejection. Earnest Money Deposit of unsuccessful tenderers will be returned within 30 days from the date of tender opening.

4.5 The EMD of the successful tenderer will be released only on completion of supplies / successful installation of equipments, testing and warranty (minimum one year) thereby covering maintenance.

4.6 In the event, during the warranty period, if after sale services/ allied services by the successful tenderer are found dissatisfactory for any reasons thereof, then the EMD shall be forfeited by the Managing director M P State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj Bhopal

4.7 No interest will be paid on the Earnest Money for the period during which (the EMD) lies in deposit with the Managing director M P State Cooperative Dairy Federation Limited, Dugdha Bhavan, Habibganj Bhopal.

5.0 PRICES

5.1 Prices quoted shall be inclusive for supply, installation and commissioning, trial run and maintenance services during the warranty period of minimum 12 months on F.O.R. Basis.

5.2 The prices should be indicated both in words & figures and, no over writing / cuttings / white fluid application would be allowed.

5.3 The prices offered by the tenderer should be firm and free from all anticipated escalations..

5.4 The prices quoted by tenderer should be F.O.R. with Supply/ Installation /Commissioning at destination at respective milk unions.

5.5 The lowest rate shall not tend to be the criteria in particular for awarding the tender until the supplier satisfies the stakeholder specifications and requirements.

5.6 Correction of errors, if any, in the tender document should be duly followed with small initials/signature of the individual tenderer / firm at the places of every such correction made

6.0 MODE OF DESPATCH.

6.1 The material to be supplied by successful tenderer and dispatched to the respective dairy plant of Bhopal, Indore, Ujjain, Gwalior, Jabalpur and Sagar (Bundelkhand)milk unions under intimation to the purchaser. Depending upon the type of material, the

 supplier shall have to carry out proper packing / crating to avoid damages during

 transit.

6.2 Wharfage / Demurrage etc. on account of incorrect or delayed dispatch of material of documents shall be the responsibility of supplier and shall be recovered from the bill.

6.3 Delivery schedule: The equipments required are in top most urgency and schedule of delivery, installation & commissioning desired for Automatic Peda Making /shaping and embossing machine, Khoa Pans and Ink Jet Printer is

 20 Days after issue of purchase order.

7.0 LIQUIDATED DAMAGES

7.1 Once firm delivery date(s) are fixed / confirmed then they shall be strictly adhered to it. In case if they are not followed, then the respective milk union(s) reserve the right to cancel the order and make purchases from other available alternate sources, at the risk and cost & expenses of the defaulting tenderer.

 In case of delay in supply of goods from original schedule, the liquidated damages will be imposed / levied as under:-

|  |  |  |
| --- | --- | --- |
| **No.** | **Delay Duration** | **Liquidated Damages** |
| 1 | Up to 15 days | 1% cost of the unit. |
| 2 | Between 16 to 30 days | 2% cost of the unit |
| 3 | Beyond 30 days | Up to 5% cost of the unit. |

7.2 In the event, if for any reason the awarded tenderer fails to make supply as per purchase order, the awarded order would be cancelled and the respective supplying firm could be blacklisted for all future dealings. Also the EMD/Security deposit would be forfeited by the management.

7.3 After supply of the machine, the supplier should ensure that the test trials will be done within 07 days of the supply by the expert service engineer and ensure starts smooth operation by guiding and providing complete training and details of the operation to the operator / concern person.

1. **MATERIAL DESCRIPTION**
	1. Specification and technical details have been given in Schedule II, Schedule III and schedule IV.
	2. The bidder will ensure to submit a brochure carrying complete technical details and

Specifications of its machine/equipments along with technical bid Mentioned in Schedule V, Schedule VI is mandatory and Schedule VII, VIII and IX which ever applicable to him.

* 1. The supplier shall provide consumables with tools / kit for one year within indicated cost.
1. **TERMS AND CONDITIONS.**
	1. The supplier shall arrange for safety and insurance, etc. of his/her personnel employed for erection and installation work as pert ESIC Act workman compensation and any other provision to meet statutory requirement of various Labor Act/Rules. In case of accident to any of the workers during the period of installation respective unions shall not bear any liability whatsoever the entire responsibility primary and final in this respect will be that of supplier.
	2. The supplier shall effectively bear, at his own expenses, work equipments or material emerging under damage, theft or tampering during Installation / Commissioning / Insurance charges, etc
	3. The personnel engaged by the tenderer shall be the contractor’s own employee and they will claim no privileges from Dairy. The contractor will be directly responsible for the administration of the employees as regards general discipline and courteous behavior
	4. Guarantee/Warrantee certificates would be handed over to respective Dairy plant after commissioning by the Supplier. He shall also arrange operational training to the dairy staff.
	5. In case of defective items, the same shall have to be replaced by the party concerned at its own cost and risk and within stipulated time.
	6. During installation/commissioning, supplier shall execute necessary minor modifications during the trial period for maximizing operational efficiency. The supplier should also execute minor modification as may be suggested by respective milk unions.
	7. The supplier shall provide maintenance cost, functional description, operation and maintenance manual for each Unit and consumable for one year.
	8. Following the CVC guidelines if the Lowest bidder L1 is unable to supply the material at given definite time, then the MPCDF reserve the right to place the order among one or more qualified bidders on acceptance of lowest bidder L1 rates by them.

**10.0 INSPECTION.**

**10.1** All the materials are subject to inspection at our works before acceptance. If goods are rejected due to defective or wrong supply, the report of our inspector in this respect shall be the FINAL and no correspondence on the subject would be entertained. The rejected goods should be removed from our premises by the tenderer within 07 days after receipt of our inspection report failing which the same shall be returned to the supplier at his risk and expenses or disposed off in auction and the proceeds, if any, less expenses shall be credited to tenderer account

**11.0** **PAYMENTS**

11.1 After successful opening the tender, rates will be finalized and approved rates will be given by MPCDF and the Purchase process i.e. Signing of MOU, issuing of the Purchase order, payment and receipt of the Materials will be done by respective regional cooperative Milk Unions.

 11.2 70% payment shall be released on safe receipt of material / system at site. The balance 20% payment shall be released only after completion and successful trial run of machines and rest 10% payment will be released after submission of Bank Guarantee equal to 10% of order value towards performance guarantee of one year from the date of commissioning.

 **12.0** **BREACH OF AGREEMENT:**

12.1 If the authorized persons of the unit or a partner in the contract / tendering firm commit breach of any of the conditions of agreement, then the Managing Director, MP state Cooperative Dairy Federation Ltd. Dugdh Bhavan, Habibganj, Bhopal hold the rights to cancel the contract and purchase / authorize to purchase at the tenderer risk

1. **DISPUTE ARBITRATION & FINAL AUTHORITY**:

13.1 It should be clearly understood that in the event of a successful tenderer failing to accept and execute the supply order, then decision of the Managing Director, MP state Cooperative Dairy Federation Ltd. Dugdh Bhavan, Habibganj, Bhopal in this respect will be final and binding on the tenderer.

13.2 Chairman/administrator MP State Cooperative Dairy Federation Ltd. Dugdh Bhavan, Habibganj, Bhopal, MP will be the Sole Arbitrator and his decision shall be Final

 and binding on all the concerned.

13.3 For all disputes, the venue shall be at Bhopal, MP.

**Signature & Seal of Tenderer Managing Director**

 **MP State Cooperative Dairy Federation Ltd.**

 **Dugdha Bhavan, Habibganj,**

 **Bhopal -462 024 (MP)**

**SCHEDULE - II**

**TECHNICAL DETAILS/SPECIFICATIONS**

**for Automatic Peda Making/Shaping and embossing Machine**

###### The machine is to be used for making round shaped Peda pieces from the Peda/Mawa(Khoa) dough and embossing of “SANCHI” logo on the round shaped pieces in a continuous manner and Peda pieces automatically be collected in a removable tray. The weight, shape and size of each piece shall be accurate and should be as per our specifications. Embossing of logo on each piece of Peda should be clear with sharp edges. Sample of mould with logo will be issued by the Manager Plant/Production. The speed of the machine should be variable with necessary controls and Peda pieces automatically be collected in a removable tray through conveyor in synchronization with the machine for easy packing.

######  Fully computerized PLC based machine HMI touch screen.

######  Make motor IE standard universal motors

######  Gearbox helical gearbox

######  All electrical l CE & Ul approved

######  All belt are HACCP approved Life time no greasing lubrication require

######  Mould can be made as per your specification easily weight & thickness setting Easy to operate machine

###### Electricity: 220V, 50Hz, Single Phase 0.5KW

###### Belt Speed: 2-12 meter/min

###### Tray arrangement Peda pieces automatically collected in a removable tray through conveyor.

###### Speed of machine: To be synchronized with variable control of speed.

###### Maximum Capacity (two type machines) **: 200 kg Peda Product/Hour and 100kg Peda Product/Hour**

######  Weight Range : 20 g to 50 gram

######  Air Pressure : 6 bar

######  MOC S.S.304/Anodized Parts

######  All Pieces should be of perfect size, shape & weight with sharp edges.

###### Simple Weight Setting Mechanism

###### Hygienic operation

######  Easy to operate

###### Easily open for washing

###### In built AC Drive for controlling output speed

######  Castor Mounted for easy movement

######  All food contact part should be of SS 304 and food grade material

###### Easy cleaning/CIP facilities

###### Production losses should be not more than 0.1%.

###### Accuracy: Machine accuracy should be 90%.

###### UV sterilizer should be present.

###### Facilities for embossing **"SANCHI"** on each Peda piece without de-shaping of Peda

######  in a removable tray through conveyor in synchronization with the machine.

Signature & Seal of the Tenderer

**SCHEDULE - III**

**TECHNICAL DETAILS/SPECIFICATIONS for Khoa Pan**

###### **240 Ltrs. Volume,(Working Capacity-120 ltr.) Khoa Pan Tilting Type**

######

###### Volume of the dish 240 Ltrs. triple walled with inner of 6mm thick AISI 304 material & intermediate shell of 5mm thick MS IS 2062 material insulated with 100mm thick mineral wool / LRB mat and covered with 2mm thick AISI 304 sheet.  The Khoa Pan has a specially designed dish which is like a saucer having greater area for quick evaporation.  The Khoa Pan is manufactured and fitted with the following accessories:

|  |  |
| --- | --- |
| SNo | **Description** |
| 1 | Temperature Gauge - 0 - 150 deg. C.   |
| 2 | Pressure Gauge  -  0 - 50 PSI  |
| 3 | Release Valve   -   ½”   |
| 4 | Safety Valve  -  3/4”   |
| 5 | Steam Trap  -   ½”    (ball float type)   |
| 6 | C.I. Strainer  -  ½”   |
| 7 | S.S. Laddle (As per standard drawing AISI 304) |
| 8 | Steam Inlet Valve - 3/4”   |
| 9 | Thermostatic Air vent   -  ½”   |
| 10 | Air Purge Valve  - ½”   |
| 11 | Rotary joint ¾”   |
| 12 | Proper drainage system for accumulated Steam/Water during manufacturing and storage. |
| 13 | Fast and easy tilting with Big gear facilities.  |
| 14 | Handle of tilting wheel should of heat resistant material for smooth operation during manufacturing and tilting of pan during transfer of prepared Khoa mix. |
| 15 | Easy cleaning of pan and Greasing etc facilities of Internal/covered parts. |
|  |  |
| 16 | Khundi (Khoa scrubbing equipment) SS 304 with heat resistant handle should be provided., 2 meter handle length. |

###### The Khoa Pan would be resting on AISI 304 ‘A’ Frame ending in SS Flanges and the jacket would be designed to a working pressure of **3 kgs/**[**sq.cm**](http://sq.cm/) and tested for pressure of **4.5 kgs/ cm2.** The outer shell would be finished to 220 grit satin finish.

Signature & Seal of the Tenderer

 SCHEDULE - IV

**TECHNICAL DETAILS/SPECIFICATIONS for Ink jet Printer**

**INK JET PRINTER SPECIFICATION**

01- Item Description Ink Jet Printer with LCD Monitor 10” – 12” touch screen.

 02 - Construction Stainless Steel 304 case complying with IP-55/CE

Marking. Comprising Belt Conveyor – At least 1.5 mtr. Length and 1 ft. width, M.S. rest proof stand, photocell with brackets, etc. Operating temperature range 0-45oc

1. Print Head Squares minimum – 32 mm – 300 dpi, Clearance – 1.25 mm (option for additional print head)
2. Print Head Supply line 3 m to 6 m
3. Character height 02 mm to 10 mm/Different Languages Small/Medium

Characters. Maximum numbers of print characters –Upto 120 characters (option up to 1000 characters)

1. Speed Up to 3000 Characters/second. Up to 6 Print Lines. Speed Controller optional.
2. Ink Wide Range of Inks, high performance/high contrast Ink as

 Easiest and convenient refilling system.

1. Functions 1 D & 2 D Barcodes, Date, MRP, Time, Expiry Date, Shift Code, Logo, etc. Forward – Backward, Mirror, repetitions, Internal Switching, etc. Self Diagnostic features for fault finding diaphragm pump provision and Ink return pump.
2. Interfaces RS. 232 C
3. Adjustments Electric pressure regulation/modulation/phase position. Freely Programmable, zero maintenance Deflection voltages, Temperatures, Viscosity, etc. easily visible on touch screen.
4. Additions Block Free Nozzle, Easy operated high efficient Diaphragm Pump. USB and SD parts, High Quality Photocells, Encoders and Alarm beacons. Wall mounting brackets. Ink circulation/stirrer for pigmented inks. Adequate and suitable capacity Ink storage tanks.
5. UPS Suitable UPS should be provided for monitor.
6. Spares Extra conveyor motor & one lot chemical (Ink, solvent etc.) should be provided. Operation & maintenance manual should be provided.
7. Message storage capacity 48 messages (option up to 20000 messages)

 Signature & Seal of the Tenderer

**SCHEDULE – V**

**Technical Bid**

(Details of tenderer to be submitted along with the offer)

####  Form – A

I/We hereby furnish following particulars about our units:

1. **Name of the Unit : M/s**
2. **Address of the Unit : 1. Office**
	1. **Factory**
	2. **Name of Proprietor/Partner: 1.**

2.

* 1. **Name with designation of Other person authorized to Sign the documents on Behalf of the unit, if any (Authority letter should be Produced)**
	2. **Telephone Nos. Office and Mobile :**
	3. **Particulars of the Registration(attach photocopy)**

 **Certificate Issued by the competent authority**

 **(Registration No. & Date) GST No. ……………… Dated........**

* 1. **GST No. ……………… Dated........**

**(Attach photocopy)**

* 1. **PAN Number**

 **Permanent Account Number**

**- Income Tax) (Attach photocopy)**

* 1. **Whether the unit or sister concerned unit or any : Yes/No**

 **Unit of their Proprietorship or Partnership, if any has been blacklisted/debarred or penalized by any Central or State Government/Organization at any time.**

* 1. **If the reply is ‘Yes’ when & why :**

Give reasons in details

 :

* 1. **Please attach copy of last 2 years’ :**

 **Audited Income Tax Return**

* 1. **EMD detail ( DD No \_\_\_\_\_\_\_\_\_) Amount ---**

 **Date \_\_\_\_\_\_\_ Bank \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Signature & Seal of the Tenderer

####  Form – B

**SCHEDULE – VI**

**Technical Bid**

 (Details of tenderer to be submitted along with the offer)

(To be filled in by the tenderer)

**I/we hear by furnish following particulars about our unit**

* 1. **Manufacturing facility :**
	2. **Type of specification of the Plant :**
	3. **If the unit earlier did any business**

In the past 3 years, attach PO :

* 1. **List of current clients :**

(Preference to State Dairy Coop., Government Dairy & other Dairy Companies)

* 1. **Are you supplying/have supplied same material : to some other State Cooperative Dairies? If yes, to whom & when? Attach PO and**

Commissioning report.

* 1. **Supplier shall mention to schedule he abides i.e. :**

**Schedule II, schedule III and Schedule IV.**

* 1. **Fill the Details in prescribed in the Schedule VII, VIII and IX**

 **applicable to him.**

I/We undertake that the information furnished in these tender documents is correct to the best of my/our knowledge and belief. Certified copy of the above documents is enclosed.

Signature & Seal of the Tenderer

 **SCHEDULE – VII**

 Automatic Peda Making/Shaping and embossing Machine

|  |  |
| --- | --- |
| Technical Parameters  | To be filled by Supplier |
| Machine capacity 100 kg/hour |  |
| Fully computerized PLC based machine HMI touch screen |  |
| motor IE standard universal motors |  |
| Gearbox |  |
| Machine operation guidelines |  |
| Electricity |  |
| Belt Speed |  |
| Tray arrangement for automatic Peda collection |  |
| Speed of machine |  |
| Maximum Capacity |  |
| Weight Range of Peda pieces |  |
| Air Pressure |  |
| Material of construction |  |
| Uniformity |  |
| Hygienic operation |  |
| Easy to operate |  |
| Easily open for washing |  |
| In built AC Drive for controlling output speed |  |
| cleaning/CIP facilities |  |
| Production losses should be not more than 0.1%. |  |
| Accuracy |  |
| Facilities for embossing **"SANCHI"** on each Peda piece without de-shaping of Peda |  |

Signature & Seal of the Tenderer

 **SCHEDULE – VIII**

**TECHNICAL DETAILS/SPECIFICATIONS for Khoa Pan**

|  |  |
| --- | --- |
| Technical Parameters  | To be filled by Supplier |
| Volume of the Dish |  |
| Material of construction  |  |
| Surface area for evaporation  |  |
| Temperature gauge  |  |
| Pressure gauge |  |
| Release valve |  |
| Safety valve |  |
| Steam trap |  |
| C.I strainer |  |
| SS laddle |  |
| Thermostatic air vent |  |
| Air purge valve  |  |
| Rotary joint |  |
| Finishing of the product surface |  |
| Proper drainage system for accumulated Steam/Water during manufacturing and storage. |  |
| Fast and easy tilting with Big gear facilities |  |
| Handle of tilting wheel should of heat resistant material for smooth operation during manufacturing and tilting of pan during transfer of prepared Khoa mix. |  |
| Easy cleaning of pan and Greasing etc facilities of Internal/covered parts. |  |
| working pressure |  |
| Tested pressure with certificate  |  |
| Finish of the outer surface  |  |
| Khundi (Khoa scrubbing equipment) SS 304 with heat resistant handle should be provided. |  |

Signature & Seal of the Tenderer

 **SCHEDULE – IX**

**TECHNICAL DETAILS/SPECIFICATIONS for Ink Jet printer**

|  |  |
| --- | --- |
| Technical Parameters  | To be filled by Supplier |
| Ink Jet Printer with LCD Monitor 10” – 12” touch screen |  |
| Material of Construction  |  |
| Print Head |  |
| Print Head Supply line |  |
| Character height |  |
| Speed no character/sec |  |
| Ink |  |
| Functions |  |
| Interfaces |  |
| Adjustments (Electric pressureregulation/modulation/phase position. Freely Programmable, zero maintenance Deflection voltages, Temperatures, Viscosity, etc. easily visible on touch screen**)** |  |
| Block Free Nozzle |  |
| High Quality Photocells, |  |
| Encoders and Alarm beacons |  |
| Adequate and suitable capacity Ink storage tanks |  |
| UPS |  |
| Spares |  |
| Message storage capacity  |  |
| Water resistance printinting |  |

Signature & Seal of the Tenderer

**SCHEDULE – X**

**PRICE BID**

**(To be uploaded online only)**

 **Name of Work: Supply Installation, Testing, Commissioning of Automatic Peda Making/shaping Machine Capacity 200 Kg /hour**

 **1. Automatic Peda Making/shaping Machine Capacity 200 Kg /hour**

|  |  |  |  |
| --- | --- | --- | --- |
| **Dispatched****point(destinations)** | **Automatic Peda Making /shaping and embossing Machine capacity 200Kg of Peda Mix / hour.****Total Quantity**  | **Rate per machine inclusive all taxes and FOR basis (Rs in figures)**  | **Rate per machine inclusive all taxes and FOR basis (Rs in words)**  |
| Sahakari Dugdh Sangh Bhopal and Indore**.** |   02 Machines |  |  |

 **2. Automatic Peda Making/shaping Machine Capacity 200 Kg /hour**

|  |  |  |  |
| --- | --- | --- | --- |
| **Dispatched****point(destinations)** | **Automatic Peda Making /shaping and embossing Machine capacity 100Kg of Peda Mix / hour.****Total Quantity**  | **Rate per machine inclusive all taxes and FOR basis (Rs in figures)**  | **Rate per machine inclusive all taxes and FOR basis (Rs in words)**  |
| Sahakari Dugdh Sangh Ujjain Jabalpur, Bundelkhand (Sagar**)** | 03 Machines |  |  |

Signature & Seal of the Tenderer

**SCHEDULE – XI**

**PRICE BID**

**(To be uploaded online only)**

 **Name of Work: Supply Installation, Testing, Commissioning of**

Khoa/Peda making pan

|  |  |  |  |
| --- | --- | --- | --- |
| **Dispatched****point(destinations)** | **Khoa/Peda pan****Total Quantity** | **Rate per machine inclusive all taxes and FOR basis (Rs in figure)** | **Rate per machine inclusive all taxes and FOR basis (Rs in words)** |
| Sahakari Dugdh Sangh Bhopal, Indore ,Ujjain , Gwalior, Jabalpur, Bundelkhand (Sagar**)** |  23 Number  |  |  |

Signature & Seal of the Tenderer

**SCHEDULE – XII**

**PRICE BID**

**(To be uploaded online only)**

 **Name of Work: Supply Installation, Testing, Commissioning of Ink jet printer.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Dispatched****point(destinations)** | **Ink Jet Printer****Total Quantity** | **Rate per machine inclusive all taxes and FOR basis (Rs in figure)** | **Rate per machine inclusive all taxes and FOR basis (Rs in words)** |
| Sahakari Dugdh Sangh Bhopal, Indore, Ujjain , Gwalior, Bundelkhand (Sagar) |  04 pieces |  |  |

Signature & Seal of the Tenderer