



THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL
Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305
website www.mpstateagro.nic.in

**NOTICE INVITING OPEN ENDED
RATE CONTRACT OFFER (RCO)/BID FOR THE YEAR 2009-10 AND ONWARDS**

Sealed offers are invited for supply of following Items for the year 2009-10 and onwards as per the terms and conditions mentioned in the Rate Contract offer Document (RCO/BID)

S. no	Item	Due Date	Earnest Money Deposit in Rs.	Eligibility
1	2	3	4	5
1	Equipments for Post Harvest Management (Mini Rice / Dal Mill, Oil Expeller, Rice Puffing Machine, Paddy winnower, etc. as per list of RCO)	28.07.2009	20000.00	Manufacturer / Distributor
2	Rain Gun (Gear/Impact driven)	27.07.2009	20000.00	Manufacturer / Distributor
3	Agriculture Implements (Hand operated) like Cono Weeder, Marker, CIAE Maize Sheller, Serrated sickles, Winnowing Fan etc,(Bullock Drawn) like CIAE Automatic Seed Cum Ferti.Drill, Multi toolbar carrier, Reversible Plough (Hand/Pedal operated) Low Lift Pump, (Hand/Power operated) Chaff Cutter etc	28.07.2009	15000.00 per item or 30000.00 for two or more items	Manufacturer / Distributor
4	Atta Chakki	27.07.2009	10000.00	Manufacturer / Distributor

Rate Contract Offer documents, and other details can be obtained during working hours on payment of Rs. 500.00 through representatives or Rs. 550.00 if required by post /courier up to 1.00 pm on due date as mentioned in column no 3 above. Complete offers along with Earnest Money Deposit as mentioned in column no 4 above, in the form of Demand Draft favoring this Corporation payable at Bhopal shall be received in the Offer Box kept in the Marketing/Engineering Section of the above office up to 3.00 PM on respective due date, and shall be opened at 4.00 PM on the same day in presence of offerers or their representative who wish to be present.

The offer is open ended upto 31.03.2010. Offerer can submit offers after due date & time as per terms & conditions of RCO/BID. For further details, please visit our website www.mpstateagro.nic.in.

Manager Marketing



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Phone (0755) - 2551652, 2551756, 2551807, Fax: 0755-2557305**

HO/ Mktg/2009/

Dated

**OPEN ENDED RATE CONTRACT OFFER (RCO)
FOR SUPPLY OF
ISI MARKED POWER THRESHERS (IS:9020:2002)
(TRACTOR/MOTOR/ENGINE OPERATED MULTI CROP /PADDY THRSHER)
PEDAL OPERATED PADDY THRESHERS
(AS PER BIS STANDARD)
&
ROTAVATOR
(GEAR/CHAIN DRIVE)
FOR THE YEAR 2009-10 AND ONWARDS**

DUE ON 30.07.2009

PRICE OF THE RCO DOCUMENT RS. 500/-
Rs. 550/- (by post)

Received with thanks a sum of Rs..... (Rupees... ..) only
vide M.R. No... .. Date... ..
Issued to M/s
.....

Manager {Marketing}
M. P. STATE AGRO INDUSTRIES
DEVELOPMENT CORPORATION
LIMITED BHOPAL

Last Date of purchase of Rate
Contract Offer Document 1.00 PM on 30.07.2009

Last Date for submission of Rate
Contract Offer completed in all
respect in Offer Box 3.00 PM on 30.07.2009

Last Date of Opening of offer 4.00 PM on 30.07.2009



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LIST OF ANNEXURE OF RATE CONTRACT OFFER DOCUMENT

SNO	PARTICULER	ANNEXURE NO	NO OF PAGES
1	ELIGIBILITY OF OFFERER	ANNEXURE I	01
2	GENERAL CONDITION OF RATE CONTRACT	ANNEXURE II	12
3	MINIMUM TECHNICAL SPECIFICATIONS OF ITEMS	ANNEXURE III	07
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5	LETTER OF UNDERTAKING AND DECLARATION	ANNEXURE IV	01
6	LIST OF ESSENTIAL DOCUMENTS TO BE SUBMITTED ALONG WITH THE OFFER	ANNEXURE V	01
7	FINANCIAL OFFER FORM	ANNEXURE VI	02
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ELIGIBILITY OF OFFERER

M.P. State Agro Industries Development Corporation Ltd. (Corporation) invites Rate Contract Offer (RCO) for supply of ISI Marked Power Thresher (for IS: 9020:2002 Power Thresher Safety Requirement), Rotavator (Gear / Chain Drive) from offerer who qualifies for Rate Contract under the prescribed terms and conditions.

Eligibility of offerer:

(1) **POWER OPERATED THRSHER**

Offerer should be Manufacturer of ISI Marked Power Thresher (*having valid License duly issued by Bureau of Indian standard for IS: 9020:2002 Power Thresher Safety Requirement or the test report duly issued by Tractor Training & Testing Institute*). Offerer will have to enclose a self certified copy of valid BIS License duly issued by Bureau of Indian Standard or Test Report issued by FMTTI and Manufacturing License duly issued either from District Industries Centre or from any other Govt. Department.

(2) **ROTAVATOR (GEAR /CHAIN DRIVE)**

Offerer should be Manufacturer of, Rotavator (Gear / Chain Drive) (*Offerer will have to enclose a self certified copy of Manufacturing Licence duly issued either from Distt. Industries Centre or from any other Govt. Deptt)*

(3) Other necessary requirements for eligibility shall be as mentioned in Rate Contract Offer document (RCO)

(Self Certified Photo Copy of documents supporting the same to be submitted as detailed in Annexure V)

Manager {Marketing}

ANNEXURE II

GENERAL CONDITION OF RATE CONTRACT

1. **PURCHASE OF RCO:**

- 1.1 RCO can be obtained on payment of Rs. 500.00 (*non refundable*) and in case the documents are required by post a sum of Rs. 50.00 will be charged extra up to 1.00 p.m. of 30.07.2009. However, corporation will not be responsible for any kind of delay in postage.
- 1.2 The RCO form will be available in the Office of Managing Director M.P. State Agro Industries Development Corporation Limited Panchanan, Building 3rd Floor, Malviya Nagar, Bhopal on or before 30.07.2009 up to 1.00 PM during office hours.
- 1.3 It is mandatory for the offerer to submit the offer in RCO duly issued by the Corporation in favour of the offerer, failing which no offer will be accepted.

2. **Quoting Rates:**

- 2.1 The Offerer should quote final selling rates to customer through office of District Manager of this Corporation, inclusive of all applicable taxes duties and cost of installation (if any), including margin payable to the Corporation. Rates should be given in Annexure-VI & VI -A.
- 2.2 The prices ISI marked/ Tested Power Thresher/Pedal Operated Paddy Thresher (as per BIS Standard), Rotavator (Gear / Chain Drive) submitted by the Supplier and accepted by the Corporation will be the part of this RCO for year 2009-10 and onwards.
- 2.3 The offerer should quote their lowest price, in accordance to the prevailing rates of the Company / their other authorised dealer & market condition.
- 2.4 Offerer must enclosed self certified copy of manufactures Printed list of Maximum Retail Price (MRP)
- 2.5 The rates must be quoted both in words and figures F.O.R. destination up to block head quarter through office of District Manager of this Corporation, inclusive of all taxes and duties & margin payable to the Corporation. In case of difference in words and figures of the rates quoted, the rates offered in words shall be considered.

- 2.6 It should be mentioned clearly that Rates are against Form “C” or without from “C”. If the rates are against 'C' form the corporation will issue 'C' form.
- 2.7 The Rate Contract will be valid up to 31 March 2010 and onwards till the new agreement is executed against New RCO of the same items.

3. **Submission of offer:**

- (i) Not more than one offer will be accepted from any offerer. If any individual participating in the offer, representing more than one firm in one or different names and it comes to our knowledge at any point of time, all such offer will not be entertained and shall be liable for rejection.
- (ii) Individual signing the offer and or any related documents will have to **attach proof of authority to sign on behalf of the offerer.**
- (iii) The financial offer should be in the prescribed format, as per **Annexure-VI** accompanied with all necessary documents as per **Annexure V** and else where mentioned in RCO document.
- (iv) Offer form should accompany with a demand draft of Rs 20000.00 (Twenty thousand only) as Earnest Money Deposit (EMD) in favor of **“The M.P. State Agro Industries Development Corporation Limited.”** Payble at Bhopal. **No offer will be entertained without deposit of desired amount of EMD.**
- Note:** Offerers whose undisputed EMD of Rs 20000.00 (twenty Thousand only) is already lying with the Corporation against Rate Contract offer of supply of marked Multi crop Thresher/Pedal Operated Paddy Thresher (as per BIS Standard) / Axial Flow Paddy Thresher, Rotavator of previous year need not submitted EMD again but documentary proof for such as detail of MR No, amount date should be given.*
- (v) The envelope containing complete RCO should be clearly superscripted as **“Offer for supply of For the year 2009-2010 & onwards”**
- (vi) Offer should be completed in all respect should be deposited in the offer box kept in the **Marketing Section** of this office up-to 3.00 PM on 30.07.2009.

{ vii } When the RCO is delivered through special messenger, the same should be deposited in the offer box as per clause 3 (vi). Nobody is authorized to receive or issue receipt for the offer, delivered through special messenger.

{ viii } The Corporation will not be responsible for delay on any account in receipt of Rate Contract Offer Documents. If the offers are received after the specific date and time, even if the delay in receipt was caused in postal transit or any other reason, whatsoever, the same shall not be considered and the offers will be returned unopened. However the offer can apply again as per clause 6.(Open Ended)

{ ix } Submission of the RCO shall be deemed to be the acceptance by the offerer of all the Terms and Condition herein.

{ x } TELEGRAPHIC OFFERS SHALL NOT BE ENTERTAINED.

4 **NEGOTIATIONS:**

It is clarified that normally the Corporation will make no negotiation on the offer and therefore the offerer should quote their lowest price only . However the Managing Director of the Corporation may decide to give counter offer of the lowest rate as decided by him .

5. **OPENING OF OFFER:**

Offer received in the offer box up to due date and time as mentioned in clause 3 (vi & vii) shall be opened at 4.00 PM on 30.07.2009 +in the presence of the offerer who wishes to be present. However if the date and time of opening of offer is changed due to any unforeseen reason the new date and time of opening will be displayed on the Notice board of the Corporation.

6 **Submission of Offer After due Date & time (Open Ended)**

RCO is an open ended document, if the offerer is not able to submit his offer well in time, he can submit the offer along with a special registration fee and pre-requisite documents as under:-

- (i) Offerer will have to apply to the Managing Director of this Corporation for Rate Contract along with the required document as per eligibility clause no. 1 to 3.
- (ii) The Application should be accompanied with the cost of document Rs. 500.00 (Rs. 550.00 if desired by post).
- (iii) Other than the cost of RCO document offerer will have to deposit special registration fee of Rs 10,000.00 in addition to EMD by way of Demand Draft (Nationalized bank) in Favour of this

Corporation payable at Bhopal. ***This amount is non refundable.***

- (iv) The Managing Director of this Corporation reserve the right to accept or reject such application without assigning any reason thereof.
- (v) If the application received as above is accepted by the Managing Director of the Corporation, RCO will be issued, RCO dully filled in as per instruction along with EMD of Rs 20,000.00 (Rs. Twenty thousand only) by way of Demand Draft as per Clause No.3 (iv) will be submitted. The Corporation will inform the application of having accepted. The offerer will have to execute an Agreement as per clause no. 7. Then the rates will be circulated
- (vi) Only lowest rate of the items (circulated by Corporation) shall be accepted through " open ended procedure".

7. **Execution of Agreement:**

- (a) The Corporation will intimate the successful offerer regarding acceptance and request him to execute the agreement in given time limit. In case the offerer fails to execute agreement within the prescribed time limit, the EMD submitted along with the offer shall stand forfeited.
- (b) The successful offerer shall have to execute an agreement as per Annexure-VII with the Corporation on non-judicial stamp paper of Rs. 100/- . (to be purchase by the offerer)

8. **EARNEST MONEY DEPOSIT:**

- A. (i) RCO should accompany with a demand draft of Rs 20000.00 (Rupees twenty thousand only) as EMD as per clause 3 (iv).
- (ii) Earnest Money of all unsuccessful offerers will be returned.
- (iii) No interest is payable on the amount of Earnest Money at the time of refund.
- B. Earnest Money shall be forfeited if the offer is withdrawn.
 - (i) At any time prior to its rejection.
 - (ii) Before or after the acceptance is communicated to the offerer.
 - (iii) If the successful offerer fails to execute the agreement within prescribed time limit as per clause no 7
- C. Earnest money of successful offerer will be adjusted as Security Deposit (SD) on execution of the agreement as per Annexure VII (such offerer will became supplier).

9. **SECURITY DEPOSIT:**

- (i) The SD will remain with the corporation during the currency of the contract and till successful execution of all the order placed during the currency of the contract and will be refunded to the supplier without interest in case of no dispute and after getting

clearance/NOC from District Managers of the Corporation /purchasing officer.

- (ii) Security deposit will be forfeited in case of failure of supply of the material as mentioned in the purchase order, in time and as per the approved specifications, or for any breach of terms and condition of the agreement and RCO document.

10. **MINIMUM TECHNICAL SPECIFICATIONS OF ITEMS**

{A} **THRESHER**

- (i) Minimum Technical specification for Power Thresher would be as per BIS Specification IS 6320:1985, & 9020: 2002 (Power Thresher - Safety Requirements). however the details are mentioned in Annexure III.
- (ii) The Pedal Operated Paddy Thresher should be as per BIS Standard IS 3327:1982 (with latest amendment) however the details are mentioned in Annexure III.

{B} **ROTAVATOR (GEAR /CHAIN DRIVE)**

Offerer should submit / declare Minimum Technical specifications of Rotavator (Gear / Chain Drive) for which offer is given.

{The offerer is should submit complete specification of the product.}

- (C) As self certified copy of Test Report should be submitted along with the offer. (if available)
- (D) Preference will be given to the tested Rotawators from FMTTI

(E) **Marking:**

The Thresher / Rotavator shall be marked with the following particulars:

- a) Manufacture's name and his recognized trademark if any
- b) Model number
- c) Batch or code number, or SI No. if any
- d) Power rating, and
- e) Revolutions per minute

Each thresher shall be fitted with a label/plate containing cautionary notices written in vernacular language and their pictorial representation as per IS 9020.

- (F) Minimum Technical Specification of Offered Material Should be given by offerer as per Annexure III A

11. **PLACEMENT OF ORDER**

The Regional Manager of the Corporation shall place purchase order to the approved supplier.

12. **WARRANTEE:**

- (i) The Offerer has to declare minimum 12 months warranty Item supplied by the supplier. In case of complaint / defect the supplier shall have to arrange repair /replacement within 10 days from the date of receipt of intimation. The Corporation shall have right to recover the cost or expenditure of loss whatsoever, on this account from the future bills of the supplier or from the security deposit or from any other amount due to the supplier or out of the security or any deposit made by the supplier in other Government Organization.

(ii) Blade Warrantee

The Rotavator Blades used in different models must have warrantee of 200 running hrs. Supplier shall have to submit undertaking regarding the same.

13. **SCHEDULE AND MODE OF SUPPLY / DELIVERY:**

- a. The successful offerer shall have to supply Thresher / Rotavator as selected by the purchaser/ consignee.
- b. The quantities of items required will depend on demand orders received by the corporation. The manufacturer may arrange supply of Thrashers / Rotavator through their authorized Distributors for timely supply of such quantities. (offerer must submit List of their authorized dealer/ distributors.)
- c. The supplier has to supply the ordered material within 15 days or period shown in supply order from the date of receipt of order from the Corporation. Failure on the part of the supplier for timely supply, shall lead to forfeiture of the Security Deposit and the rate contract shall stand cancelled and agreement terminated. Corporation can also claim loss of goodwill as deemed fit by it. If the indenting authority suffers any loss due to inordinate delay in effecting supply/ despatch or arrival of the material at the destination, the same shall be the responsibility of the offerer who shall make good the entire loss suffered by the indenting authority. The Managing Director will assess and intimate the offerer the extent of loss, and the same will be acceptable to the offerer. The supplier shall ensure that the ordered material being supplied by him reaches at destination in the desired time and good condition. As such it will be the sole responsibility of the supplier to ensure desired quality and standard of the material is sent.

d. The supplied item as specified in order shall be in conformity with approved size, quality and specifications mentioned in the RCO documents / Agreement and order. Material shall be supplied as per delivery schedule ordered by the Indenting Authority (Regional Manager/ Head Office /District Manager) of the Corporation. The delivery schedule may, however, be revised by the intending authority, if warranted by exigency of the work of the Corporation. The supplier shall be bound to effect deliveries in accordance with the changed supply and installation schedule without claiming revision in rates. The dates of supply and installation shall be the date on which the consignment reaches the required destination.

e. Transit Insurance

The Supplier will arrange for Transit Insurance and Material supplied should be covered under Transit insurance for Road Risk, Theft, Pilferage, and Non Delivery Risk (R RTPND).

14. TRAINING:

The supplier shall impart training to the selected nominated person of purchaser and the concerned person/staff/officers of the Corporation for proper operation and maintenance of Thresher/ Rotavator.

15. AFTER SALE SERVICE:

a. The Offerer must provide free after sales service to the farmers during warranty period through their authorized dealer / distributor.

b. It shall be the responsibility of the offerer / manufacturer to ensure that necessary spares parts are available to the purchaser/customer of machine/equipments during warranty period and after words also. For this purpose offerer may keep necessary stock of such fast/slow moving parts on consignment with this corporation {MP Agro} or their dealers. Quantity and location of stocking points of such items shall be decided by the offerer as per advice of Regional Managers of this corporation.

Offerer shall also ensure that proper after sales services are available to the customers.

c. The supplier shall also make arrangements for repair and after sale service required on continuous basis after expiry of the warranty period and shall ensure that the repairs/maintenance cost incurred by the purchaser are minimum.

16. RIGHT TO REFUSE/REJECT THE SUPPLIES:

(a) Ordered item shall conform to the quantities specifications (as per Annexure-III) mentioned in supply order. The Corporation reserves the right to refuse to accept the supplied item, if found:-

- (i) Inferior in quality & not in proper packing or not conforming to the specifications mentioned by offerer & in clause 10 & Annexure-III.
 - (ii) Other than specified and ordered by the Corporation,
OR
 - (iii) For any other sufficient reason at it's discretion.
- (b) In case the supply of supplied item is rejected / the supply not accepted, it shall be lifted by supplier at his own cost within the period granted by the M. P. State Agro-Industries Development Corporation Limited and in no Case Corporation shall be liable for the supply not accepted.
- (c) If the material fails in the testing.

17. **QUALITY INSPECTION:**

Corporation and Director of Agriculture Engineering, Govt. of M.P. or its authorized representatives shall be free to conduct inspection of items supplied/ to be supplied at any stage including inspection before dispatch from manufacturing unit. Random checking system shall also be used to ensure supply of quality material. The cost of such testing including cost of material shall be borne by the supplier.

18. **DEFECTIVE SUPPLIES**

The supplier shall replace the defective material or any other part found defective or prematurely worn out within 7 days within warranty period from the date of sale to the consumer, free of cost. If it is proved that offerer has intentionally supplied machine/equipments of improper quality or not ready to replace or had not replaced defective machines / equipments during the specified period or in a genuine time period as required minimum, corporation shall be free to black list the offerer and offerer shall be bound to refund the amount received in lieu of such defective supplies made by the offerer.

19. **PAYMENT:**

- (a) The Corporation will make the payment of the Material to the supplier only after receipt of bills along with satisfactory report duly signed by the consignees as well as receipt of payment from the Consignee. Normally it may take 15 days to release the payment from the date of receipt of payment and satisfactory report of material supplied.
- (b) In case these items are supplied to the farmer under various government schemes for providing subsidy , the farmer's share so received by the corporation shall be payable to the supplier after deducting corporation margin immediately on receipt of documents of acknowledgement in good condition.

- (c) As mentioned in the {b} above, remaining amount which will come by way of subsidy from the government shall be payable within 15 days on receipt of the same by the corporation

20. **PRICE ESCALATION CLAUSE:**

The variation in price is allowed if any variation is occurred in Excise duty, central or state sales tax any other statutory levies . The variation in rates may be effected only if it is approved by the Managing Director of the Corporation.

21. **REASONABILITY OF RATES:**

Offerer shall have to offer his lowest rates for the offered item and it should be strictly in accordance with the clause no 2.4. If any dispute arises regarding the rates of item submitted by the offerer at any level, The Corporation shall be entitled to recover the loss whatsoever & will be deducted from the supplier's running bill. Such loss calculated by the Corporation & the decision of the Managing Director of the Corporation will be firm and final.

22. **RANDOM TESTING OF COMPONENTS:**

Corporation may select sample by random checking of any item of the consignment received at the destination / site and send it to any recognized Testing Institute for testing. **The cost of such testing including cost of material shall be borne by the supplier.**

23. **Brand Name**

The Offerer is entitled to claim only one particular brand name for the purpose of this contract. Regarding brand name, certificate of brand name, if any, issued by competent authority for this purpose may be enclosed; however the Corporation will not be liable for any dispute on account of brand name or of any kind.

24. **Submission of Required Document**

It is obligatory for the offerer to submit all the necessary documents as mentioned in Annexure-V and mentioned elsewhere in RCO document. All formats should be filled completely. **All the necessary documents should be enclosed duly self-attested.**

25. **INSTRUCTION TO OFFEREER**

No offer shall be considered valid if: -

1. The RCO documents have not been purchased by the offerer from the Corporation.
2. It is not submitted in prescribed form.
3. Not accompanied with Earnest Money Deposit (EMD) as per clause No.3 (iv).
4. The offer is conditional and inconsistent with the terms and conditions of the contract.
5. A manufacturer submits more than one offer or authorizes the submission of more than one offer on its behalf.

26. **ACCEPTANCE OF OFFERS:**

The Managing Director of the Corporation reserves the right to accept or reject any or all the offer without assigning any reason whatsoever at any time prior to the award of the contract, without incurring any liability to the affected offerer and any obligation to inform the affected offerer of the grounds.

27. **CONDITIONAL OFFER**

The Corporation reverses the right to reject any conditional offer.

28. **FORCE MAJEURE CLAUSE:**

If any time, during the currency of this contract the performance as a whole or in part by either party or any obligation under this contract shall be prevented/delayed by reasons of any war, hostility, acts of the public enemy, civil commotions, sabotage, fire, floods, explosions epidemics, quarantine, restrictions, strike, lockouts or acts of God (herein after referred to as eventualities) then neither party will be way of such eventuality be entitled to terminate this contract nor shall have any claim for damages against the other in respect of such non performance or delay in performance (provided notice of the happening of any such eventualities is given by either party to the other within 21 days from the date of occurrence thereof. Deliveries under this contract shall be resumed as soon as practicable after such eventualities has come to an end or cease to exist.

29. Supplier has to inform the infrastructure facility for production of offered items. The Corporation shall have right to inspect processing operation reserves the right to inspect the facilities for production. However if the basic infrastructure facilities are not available, the offer will be rejected.

30. **PURCHASE PREFERENCE:**

As per the policy of the State Govt. in respect of purchase of material for the use of corporation purchase preference to the extent of 30% shall be given to those Manufacturer who belongs to the SC/ST category. A self certified photocopy of certificate issued by the concerned District Trade Industries Center to the effect that the offerer's firm belongs to the SC/ST category in M.P. should invariably be attached

31 **REGISTRATION**

A- If necessary at any point of time during the currency of this contract, registration from any other government agency is made compulsory by the government, and the manufacturer/producer/supplier/distributor has to get the registration done with such government agency at their own cost. And after such registration, self certified copy of such registration papers along with rates circulated if any has to be submitted to this Corporation as and when required.

B- The offerer having registration with Govt. of Madhya Pradesh (**Director, Agriculture Engineering** } must submit the approved price { MRP} with their offered final selling rates to customer through this Corporation shall not exceed the prices submitted to state government agencies during the currency of Corporation.

32. The decision of the Managing Director of the Corporation shall be final and binding to the offerer in case of any dispute.

33. The Managing Director of The Corporation reserves the right to impose penalties at his discretion for breach of the terms and conditions (commensurate with the losses incurred).

34. Corporation shall become Authorized Dealer of the company after execution of agreement with the company during the currency of Rate Contract.

35. Managing Director of the Corporation reserves the right to amend or replace or change any condition without any notice.

36. In case of any dispute arising between the supplier and Corporation the matter shall be referred to Managing Director. M.P. State Agro Industries Development Corporation Limited who will act as sole arbitrator finally passes his verdict, which will be binding, to supplier and Corporation.
37. Only Bhopal Court shall have jurisdiction.

Manager {Marketing}

ANNEXURE III

A. **MINIMUM TECHNICAL SPECIFICATION FOR THRSHER POWER THRSHER TRACTOR /MOTOR / ENGINE DRIVEN**

Power Thresher should be ISI Marked/ Tested & should confirm all the safety requirements as detailed in BIS Specification IS: 9020: 2002 (Power Threshers safety requirements): however a brief description is given below.

1. The Material specification of Different part should be as follows:-

Sno	Name Of Part	Material	Ref to BIS Standard
1	Frame	Mild steel	IS: 2062: 1999 With latest amendments
2	Shaft		
3	Concave		
4	Blower		
5	Sieve		
6	Bracket		
7	Threshing Drum		
8	Beater arm		
9	Transport Wheel		
10	Pulleys	Grey Cast Iron	210: 1993
11	Fly Wheel		
12	Spike	Hot Rolled Carbon Steel bars if round or threaded or Hot Rolled spring Steel if flat or Square	IS: 2591:1982 or IS: 3431:1965
13	Bearing Housing	Cast steel	IS: 9731: 1980

2. The Performance Requirements should Confirm to BIS IS: 6320:1985 (Specification for Power Thresher, Hammer-mill Type) as given in Table Below

Sno	Crop	Input Capacity (kg of Crop per Kwh Energy Consumed (Minimum))	Threshing Efficiency %	Cleaning Efficiency %	Max. Total Grain Losses %
1	Wheat	85	99	96	5
2	Paddy	90	99	98	5
3	Jowar	60	95	93	5
4	Pearl Millet (Bajra)	70	95	93	5
5	Soyabean*	80	99	98	5
6	Gram*	100	99	97	5
7	Sunflower*	60	99	96	5

Cracked Grain Not Greater Than 2%

*Added & not Covered in Standard

3. **Safety Aspects:**

Safety aspects should be covered under is 9020: 2002 & IS: 9129 : 1979 (Technical Requirements for Safe Feeding Systems for Power Threshers).

4. **Final Cleaning of Grain:**

Final Cleaning of Grain should be manual lever / knob controlled such that the gap to control, suction may adjust even during running of thresher.

5. **Air velocity Regulation:**

There should be a provision to regulate the air velocity of the "Bhusa" outlet so that grain escape in to "Bhusa" is controlled during the working of thresher.

6. **Bearing, Plumber block, Keys, Belts, and pulleys, Chain, Rivets and Bolts:**

The Bearing, Plumber block, Keys, Belts, and pulleys, Chain, Rivets and Bolts shall confirm to relevant Indian Standard as below.

Sno	Item	IS specification	Remark
1	Rivets	IS: 1929 & IS: 2998	
2	Bolts	IS: 1363 (Part1,2 &3), IS: 1364 (Part 1to 5), IS: 2585 and IS:3138	
3	Belts	IS: 2494 (Part 1)	
4	Conveyor Belts	IS: 1891 (Part1)	
5	Pulley	IS: 1691 and IS:3142	
6	Key	IS: 2292 and IS: 2293	
7	Bearing & Block	IS: 7461(Part 1 to 3), IS: 4773, IS: 5669, IS: 5932	The Bearing of Make NBC /HMT /NORMA /SKF/ABC /ABL/SBL TATA may be used (Reconditioned / Disposal bearing are not allowed.)

7. **Feeding System:**

The Feeding system should be Chute, Hopper, or Conveyor

8. The Thresher should be provided with toeing for transportation with bearing in the swivel.

9. The components should be free from Rust & shall have protective coating to prevent corrosion (unit should be primer sprayed of Zinc red oxide followed by double coat of colour)

10. The Components should free from pits, burrs and other defect that may be detrimental for their use.

11. **MARKING:**
The Thresher shall be marked with the following particulars:
a) Manufacture's name and his recognized trademark if any
b) Model number
c) Batch or code number, or SI No. if any
d) Power rating, kW; and
e) Revolutions per minute of the threshing drum and its direction of rotation.
12. Each thresher shall be fitted with a label/plate containing cautionary notices written in vernacular language and their pictorial representation as per IS 9020.
13. **PRIME MOVER:**
If rates for thresher with prim mover (Motor/ Engine) are given, Prime mover should be ISI mark or of any reputed make, however Preference would be given to ISI Mark Prime Mover. Supplier have to declare complete specification (Make Model HP etc) of the Prime mover.

B. PEDAL - OPERATED PADDY THRESHERS (AS PER BIS STANDARD)

The Specification of Pedal Operated Paddy Thresher will be according to BIS Standard IS 3327:1982 with latest amendments; however a brief description is given below.

1. MATERIALS

The material used for various parts of the paddy thresher is given below. The material may conform to the relevant standards indicated in column 4 of Table.

MATERIAL FOR VARIOUS COMPONENTS

S.NO.	COMPONENT	MATERIAL	APPLICABLE STANDARD
1	2	3	4
i)	Base	Wood or Mild Steel	IS: 399-1963 (with latest amendment) IS: 226-1975 (with latest amendment) IS:1977-1975 (with latest amendment)
ii)	Front grain shield	do	do
iii)	Side frames	Mild Steel	IS:226-1975 (with latest amendment) IS:1977-1975 (with latest amendment)
iv)	Side boards	do	do
v)	Cylinder end discs	do	do
vi)	Crank	do	do
vii)	Axles	do	do
viii)	Pedal frame fulcrum	do	do
ix)	Pedal frame	do	do
x)	Rear grain shield	Mild steel or Canvas	IS: 226-1975 (with latest amendment) IS: 1977-1975 (with latest amendment)
xi)	Threshing teeth	Spring steel wire or Mild steel wire	IS: 4454 (Part I) – 1975 (with latest amendment) IS: 280-1978(with latest amendment)
xii)	Gears	Cast iron	IS: 210-1978 (with latest amendment)
xiii)	Gear housing	Cast Iron or	IS: 210-1978 (with latest amendment)

		Aluminum alloy or Mild Steel	IS: 617-1975 (with latest amendment) IS:226-1975 (with latest amendment) IS:1977-1975 (with latest amendment)
xiv)	Pedal board	Wood	IS:399-1963 (with latest amendment)
xv)	Slats	do	do

Note: Wood used for various components should preferably be teak, SAL or BABUL.

2. CONSTRUCTIONAL REQUIREMENTS

2.1 **Body Frame** – The body frame of the paddy thresher shall consist of the base, the side frames and the front grain shield. The rear grain shield may also be provided.

2.1.1. **Base** -The wooden base shall be at least 50 x 50 mm size. The wooden parts shall be joined to each other by mortise and tenon joints. The base shall be fixed to the side frames with carriage bolts. The base may also be of mild steel angle section of nominal size of at least 30 x 30 x 3 mm and the parts in this case shall be welded to the side frames.

2.1.2 **Side Frames** - The side frames shall be of mild steel angle section of nominal size of at least 30 x 30 x 3 mm and the parts shall be welded or bolted. The side frames shall support side boards which shall be made of mild steel sheet of thickness 0.5 to 0.8 mm and these shall be bolted to the side frames. The side boards may be webbed.

2.1.3 **Front Grain Shield** – The front grain shield shall be at least 12 mm thick wooden plank or 0.5 to 0.8 mm thick mild steel sheet and it shall be fixed suitably to the side frames.

2.1.4 **Rear Grain Shield** – If provided, the rear grain shield shall be of either mild steel sheet having the same thickness as the side boards or canvas supported by at least three mild steel flat frames each of minimum 50 x 3 mm size. In case the rear grain shield is made of canvas supported by mild steel flats, the shield shall be so fabricated that it may be easily folded or entirely removed, when not in use.

2.2 **Cylinder** -The cylinder shall be constructed of a series of slats supported on each of its two sides by a cylinder end disc. The slats shall carry the threshing teeth. In case of the thresher operated by two persons, the cylinder shall be suitably reinforced at its centre.

The diameter of the cylinder across the end discs shall be in the range of 400 mm and 430 mm.

2.2.1 **Slat** – Each slat shall be at least 12 mm thick and 60 mm wide. The slats shall be fixed to the cylinder end discs. The diameter of the cylinder across the slats shall be in the range of 300 mm and 330 mm. The distance between the two slats) shall be in the range of 12mm and 20mm.

2.2.2 **Cylinder End Discs** – The cylinder end discs to support the slats may be webbed in order to reinforce them. The thickness of the sheet used in case of single disc shall be at least 1.5 mm. In case of double disc, the thickness of each disc shall be minimum 0.6 mm and the total thickness of two discs shall be minimum 1.5 mm. Mild steel bar of 6 mm diameter shall be rolled or welded along the edges of the discs.

2.2.3 **Threshing Teeth** – The threshing teeth shall be of at least 3 mm diameter. The wire shall be curved and fixed to the slats in such a way that the distance between the bottom ends of each teeth shall be in the range of 25 mm and 32mm. The threshing teeth shall project out 50 mm above the surface of the slat. The methods of fixing of the threshing teeth on the slat shall be such that when assembled, the threshing teeth on the two adjacent slats come staggered to each other. The distance between the tip of the two adjacent teeth shall be between 50 to 75 mm.

2.3 **Drive** – The drive shall be of eccentric type. The drive shall consist of a crank, one end of which shall be connected to the spur gear and the other end shall be connected suitably to the pedal frame fulcrum which shall be welded to the pedal frame. The pedal frame shall carry the pedal board.

Note – The thresher is normally operated with a speed of 400 rev / min.

2.3.1 **Gear Housing** – The gear housing shall consist of the spur gear which shall engage the pinion. The gear ratio shall be not less than 3.5:1.

2.3.2 **Crank** – The crank shall be made of bar of not less than 9 mm in diameter. This shall preferably be 'U' shaped.

2.3.3 **Pedal Frame Fulcrum** – The fulcrum shall be made of mild steel tube or bar. In case mild steel tube is used, the inside diameter and thickness shall be at least 20 mm and 2.5 mm respectively, while in case of the bar, it shall be either round or square with 30 mm diameter or sides respectively.

2.3.4 **Pedal Frame** – The pedal frame shall be of mild steel flat of at least 30 x 5 mm size.

2.3.5 **Pedal Board** – The pedal board shall be of wooden plank having minimum size of 25 x 65 mm and its length shall depend upon the size of the cylinder.

2.4 **Axles** – The cylinder axle and the gear stub axle shall be of mild steel round bar having a diameter between 16 and 20 mm. The axle shall be supported by ball or bush bearing or by bearings with loose balls in cup and cones, and these shall be guarded suitably.

3. **DIMENSIONS:**

3.1 The overall height of the thresher shall be not more than 750 mm.

3.2 The height between the ground level and the centre of cylinder shall be not more than 525 mm.

3.2 The height of the pedal board from the ground level shall be 75 to 80 mm.

3.3 The distance between the centre of pedal board and the centre of pedal fulcrum shall be 360 #10 mm.

4. **OTHER REQUIREMENTS**

4.1 Clearances - The clearance between the frame and the tips of the threshing teeth shall be at least 50 mm. There shall be a clearance of at least 200 mm between the rear grain shield and tips of the threshing teeth.

4.2 Lubrication – The gear housing shall be provided with protected oil holes to facilitate lubrication of gears and provision shall also be made for easy opening of bearings cones for greasing of bearing balls.

4.3 **Safety Arrangement** – The metallic and wooden edges of the paddy thresher shall be rounded in order to protect the operator from possible injuries. The necessary safety aid shall be built in to prevent the possible detachment of certain parts and thin injuries to flying over, leading to the operator, while the thresher attains high rotary speed due to the centrifugal force.

5. **WORKMANSHIP AND FINISH**

5.1 All the metallic parts of the thresher shall be given an anticorrosive rust preventive paint. The wooden parts shall be painted before assembly. The gear and bearings shall be well lubricated.

6. **MARKING**

6.1 The paddy thresher shall be marked with the following particulars:

- a) Manufacturer's name and recognized trade-mark, if any;
- b) Rotational speed ; and
- c) Size of thresher.

6.1.1 The particulars mentioned under 6.1 shall be punched or stenciled on the base of the thresher.

ANNEXURE III A

MINIMUM TECHNICAL SPECIFICATION TO BE SUBMITTED BY THE OFFERER

A. ISI MARKED POWER TRHRSHER WITHOUT PRIME MOVER

Sno	Model	HP	Specification		
			Particulars /Part	Size/ Dimensions	Material
			Over All Dimensions		
			Frame Angle in mm		
			Total Length of Main Shaft mm		
			Size of Shaft in mm		
			Drum Cover Sheet Gauge		
			Transport Wheel Type & Dia		
			Fly Wheel Dia & weight		
			Spike		
			Pulleys		
			Bearing (Make & Size)		
			Bearing housing		
			Minimum Overall Aprox Weight		

B. ROTAVATOR:

Sno	Model	Tractor Power	Overall width	Tillage width	Gear Box (Single /Multi Speed)	Side Transmission (Gear / Chain)	PTO Speed (RPM 540 /1500)	Rotor Speed (RPM)	No of Blades	Tpye of Blade	Aproxi Weight

Note Separate Sheet May be Used if necessary

Signature of the Offerer

ANNEXURE IV

THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

LETTER OF UNDERTAKING AND DECLARATION

We.....hereby offer for the supply of conforming to the Specifications as mentioned in RCO.

We undertake to supply such quantities of material as per Specification as mentioned in RCO, as we may be called upon to supply and install under the conditions here-to enclosed during the allotted period from the date of execution of the agreement on the rates agreed upon, at the places to be specified by the M.P. State Agro Industries Development Corporation Limited within the specified delivery period.

We undertake that our firm has neither been Blacklisted/Debarred by any Government / Government Undertaking /Bank nor penalized on the same ground. We also undertake that no legal proceeding is pending in any Courts on the same grounds.

We hereby agree to abide by and fulfill all the terms and conditions of contract annexed hereto and in default thereof to forfeit and pay to the M.P. State Agro Industries Development Corporation Limited, the penalties or sum of money mentioned in the said conditions.

The sum of Rs. 20,000.00 (Twenty thousand only) in the form of Demand draft or any of the form specified in the Rate Contract Offer Documents is herewith forwarded as Earnest Money which shall be retained by The MP State Agro Industries Development Corporation Limited, on account of Security Deposit as specified in the clause 9 of the said conditions of contract, should this offer be accepted.

"I have read and fully understood the terms and conditions of supplies etc. mentioned in the documents.

Name :.....
Designation:.....
(Signature with Office Seal..)

Witness:

- 1.
- 2.

THE RATE CONTRACT OFFER IS HEREBY ACCEPTED BY ME ON BE HALF OF

M/s.....
.....

SIGNATURE OF THE ACCEPTING AUTHORITY

Note: Letter of acceptance of offer is to be submitted on non judicial stamp of Rs 20.00

ANNEXUR-V

LIST OF ESSENTIAL DOCUMENTS TO BE SUBMITTED ALONG WITH THE OFFER

Following documents are essentially to be submitted along with the offer

1. Letter of acceptance of offers as per Annexure –I
2. Details of distributors / Authorized service Stations for purpose of after sales service.
3. Rate Contract Offer documents Along with Rates in **Annexure VI, VIA** duly signed on each page.
4. Self certified photocopy of Valid BIS license (BIS specification IS: 9020:2002).
5. Self certified photocopy of TIN registration.
6. Earnest Money in specified form / Details of EMD as per clause 6 (iv).
7. Other documents as mentioned in different clauses of Rate contract offer Document.
8. **For Thresher:** Technical Drawing and bill of Material as per clause no 10A.
9. **For Rotavator:** If Rotavator be tested by Govt Of India, Tractor Training & Testing Institute of Budhni / Hishar / Anantpur, Testing Report Should be submitted along with offer. In Case of offer for non tested complete technical specification should be given. as par clause no. 10 (B)
Under taking for warranty of blades for 200 running hours as par clause no. 10 (B)
10. Offerer shall have to submit self certified adequate literature, leaflet of technical details manual etc.

ANNEXURE-VI

M. P. State Agro Industries Development Corporation Ltd. Bhopal

FINANCIAL OFFER FORM

Financial offer to be submitted in following format

Name of Offerer
 Address
 Phone / Fax
 Details of Manufacturing Unit
 BRAND

A. Power Thresher without Prime mover

Sno	Item	Model	Rated HP	Required HP of Tractor / Motor / Engine	Final selling Rate to customer Including of all tax & corporation margin through Corporation Branch office FOR destination	
					In Figure	In Words
1	Power Thresher Tractor Operated					
2	Power Thresher Motor Operated Without Motor					
3	Power Thresher Engine Operated (without Engine)					

B. Paddle Operated Paddy Thresher

Sno	Item	Model	Final selling Rate to customer Including of all tax & corporation margin through Corporation Branch office FOR destination	
			In Figure	In Words
1	Paddle Operated Paddy Thresher			

C. Rotavator

Sno	Item	Model	RPM	Working Width	No of Blade	Type Of Blade	Required HP of Tractor	Final selling Rate to customer Including of all tax & corporation margin through Corporation Branch office FOR destination	
								In Figure	In Words
1	Rotavator Gear Drive								
2	Rotavator Chain Drive								

Note : Separate sheet may be used if necessary.

Seal & Signature of the Offerer

Annexure VI A

PRICE BREAK UP OF RATE OFFERED

Price Break up for Rate Submission if Supplier is Billing From
Madhya Pradesh State

S.No.	Item	Model	Purchase Price Excluding Tax (Basic Price)	Value Added Tax (VAT) on Basic Price		Tax Paid Purchase Price of M.P. Agro	Corp. Margin of Col No 4		Vat On Margin		Final selling Rate to customer including Margin
				%	Amount		%	Amount	%	Amount	
1	2	3	4	5		6	7		8		9

Price Breakup for Rate Submission if Supplier is billing From
out of Madhya Pradesh State
(any other State Other Than M.P.)

S.No.	Item	Model	Tax Paid Purchase Price of M.P. Agro	Entry Tax if applicable		Corp. Margin of Col No 4		Total	VAT		Final selling Rate to customer	MRP
				%	Amount	%	Amount		%	Amount		
1	2	3	4	5		6		7	8		9	10

Note: The Corporation margin shall be 6% incase of thresher and 5% incase of Rotavator.

ANNEXURE VII

AGREEMENT

This agreement made at Bhopal this day of , between The Madhya Pradesh State Agro-Industries Development Corporation, having registered office at 'Panchanan, 3rd Floor, Malviya Nagar, Bhopal, M.P. hereinafter referred to as 'Corporation' which expression shall unless repugnant to the context or meaning there of include its successors and assigns on the one part.

AND

M/s. ----- having its office at -----
----- acting through its(hereinafter referred to as the Supplier which expression unless repugnant to the context and meaning there of includes its assigns, successors and administrations on the other part.

WHEREAS the Corporation invited Rate Contract offer for supply of on the terms and conditions envisaged in the terms schedule issued with the Rate Contract Offer Document and purchased by the supplier.

AND WHEREAS the supplier has accepted each and every term and condition contained in the Rate Contract Offer Document, while submitting his offer. The supplier has agreed to supply of quality materials and equipments on consignment basis on the terms and conditions of this agreement to the Corporation.

AND WHEREAS the Corporation accepted the offer submitted by the supplier vide its letter of acceptance no. dated -----in consideration of the mutual premises and undertakings hereinafter specified and for other good and valuable consideration this agreement witness and is hereby agreed on the conditions of the RCO and the following documents shall form and be constructed a part of the Agreement Deed: -

- a) The terms & conditions of the Rate Contract Document
- b) Specifications of material

- c) The letter of acceptance dated -----
- d) The offer submitted by the supplier.
- e) The rates mentioned in annexure to agreement.

The aforesaid documents shall be taken as complementary and mutually explanatory of one another but in case of discrepancies and ambiguities shall take precedence in the order set out above. In this regard the decision of Managing Director, M.P. State Agro-Industries Development Corporation Limited shall be final.

For Supplier

.....

For

M.P. STATE AGRO INDUSTRIES
 DEVELOPMENT CORPORATION
 LIMITED

Signature with Office Seal

MANAGER MARKETING

Witnesses

1.

2.

Witnesses

1.

2.